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Mass.

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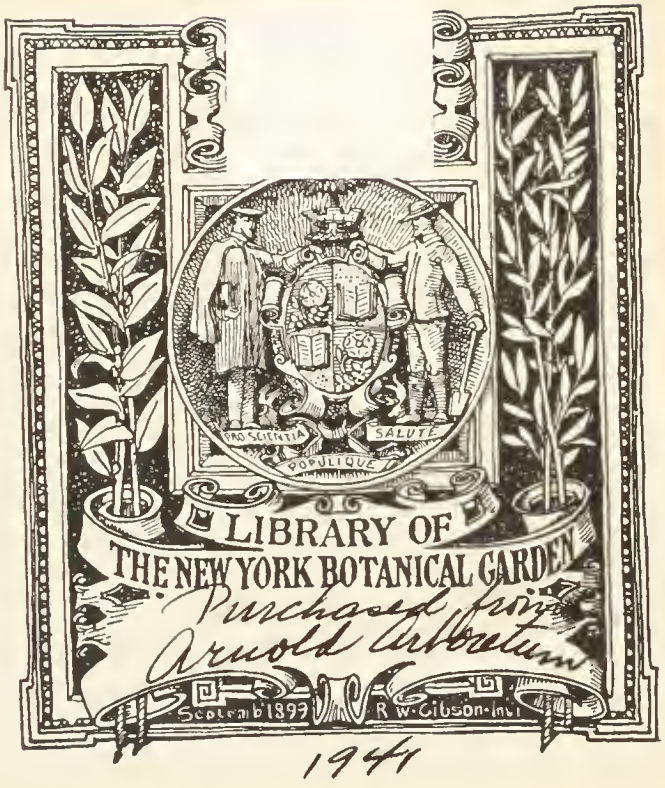

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THE WEEKLY
FLORISTS' REVIEW

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Watson, L. M.
Jamaica Plain
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Vol. X. CHICAGO AND NEW YORK, MAY 29, 1902. No. 235.

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Boston, May 3rd, 1902.

We would respectfully inform the trade that our **New Crop Ferns** are now ready and are **A No. 1 quality.** We carry a full assortment of florists hardy supplies as follows: **Bronze** and **Green Galax, Leucothoe Sprays, Hardy Cut** and **Fancy Ferns, Green** and **Sphagnum Moss, Laurel Festooning, Bundle Laurel, Laurel Wreaths,** and **Bouquet Green, Etc., Etc.** P. S. **Extra Choice Dagger Ferns,** $2.00 per 1000. Satisfaction guaranteed. Your patronage will receive prompt attention and quick delivery. Order now and avoid disappointment.

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Arrived in fine condition—**Cattleya labiata, C. Skinneri, C. Dowiana** and **Oncidium varicosum Rogersii.** Also a fine lot of **Anthurium Scherzerianum.** If you have not received a copy of our illustrated and descriptive catalogue of Orchids write for a copy.

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Florists' Calendar for MAY

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Primula Sinensis fimb. — giant flowers in pure white, rose, brilliant crimson, blood red, blue, 100 seeds, 25c; 1000 seeds, $1.75. Mixed, all colors, 100 seeds, 20c; 1000 seeds, $1.50.

Cineraria Hyb. max. grandifl. Cineraria Hyb. nana dwarf, 500 seeds, 25c; 5000 seeds, $1.00.

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A lot of 3 and 4-in. Fl. Vaughan and Mme. Crozy, to be closed out cheap. Write —

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THE RETAIL FLORIST.....

FLORAL ARRANGEMENTS.

We present in this issue engravings from a number of photographs of floral arrangements by Mr. Samuel Murray, Kansas City, Mo., that we believe will be of general interest. All are good, and the use of the iris blooms in the cross seems to us particularly commendable.

We shall be pleased to have from others similar photographs of their work.

CARNATION NOTES.

The Stem Borer.

Wm. Freytag writes: "I send specimens of worms that are destroying my carnations in the field. They bore a hole in the side of the plant above the soil and eat upwards, killing the plant. Please let me know what they are and how to destroy them."

I have never been troubled by the worm of which he complains but have heard others complain of it. Have never heard it called anything else but stem-borer and have never heard of a remedy. Like all worms and insects that come out of the ground it will be sure to be hard to reach and I am at a loss to know just how it could be done successfully and expeditiously. To soak the ground with anything strong enough to destroy the pest would be certain death to the plants, and to poison them above the ground is almost out of the question as they only come up as high as the base of the plants. I believe it would pay W. F. to transplant his carnations to another field which he may have good reason to believe free from the pest. It is early enough in the season yet for the plants to take hold and grow right along and it will only cost him the labor it takes to transfer the plants. I would also plow the ground as late in the fall as possible every season, as I am inclined to think the severe freezing would destroy a large part of the worms or their eggs. It may take several seasons to do it, though. Would also suggest to W. F. to capture a few of the worms alive and put them in some soil into which some lime or wood ashes has been added and see if it has any effect on them; also try some with tobacco dust mixed with it. It will be well worth the trouble of finding a remedy and if he does find one let us hear what it is. If any of the Review's readers can give any light on this subject let him come forward at once and help W. F. out of his trouble.

Topping Field Plants.

One of the most important tasks we have during the summer is the process of pinching or topping the plants in the field to make them grow into nice, shapely plants which will carry themselves upright without any support. In order to do this intelligently you must thoroughly know each variety you are growing and top accordingly. Some varieties need really only one topping and after that an occasional flower shoot cut off toward fall, while others need to be topped every week or two during the growing season, not because they would run into bud quicker than the other, but because some varieties have a tendency to run along on the ground like a grapevine instead of forming a bushy, compact plant such as we desire. The sooner we work this straggling habit out of our carnations the better it will be for all of us, but at present some of our most profitable varieties are of that kind.

If your plants were propagated in good time they were large enough to be topped before planting in the field, but they will by this time need topping again, here and there, the tip taken out to keep the plant well balanced and shapely. During the spring months you top altogether to put shapeliness into your plants but later on you should have another object in view. Do you know that you can make your carnations bloom altgether in crops or you can make them bloom steadily along through the early winter? If you go over the plants once each week and top only the shoots that really need topping and leave the next size until the next week you will get your plants so that they will always have shoots in all stages, from the shoots with the bud peeping out down to the eye that is just breaking through, and don't it stand to reason that a plant in such a condition will bloom more steadily than the one that has a lot of shoots all of one size?

With our present method of planting in our carnations very early there is less danger of topping the plants too late than there was when we housed them in September. This is a point you must watch if you are a believer in late planting. After August 1 you should top only when a shoot shows inclination to run up into bud and if you do that there is little danger of throwing a naturally late bloomer still farther into the season with its first crop of blooms. So many are complaining of Prosperity coming into bloom late, but I am satisfied that when it is understood and handled right it can be had in full crop in good time and I feel sure that it will pay much better in most markets while the blooms are pure white than it does after it takes on its variegation, if you can only make it produce the blooms at that time.

Mrs. Lawson comes into bloom early enough, but you must top it until it has taken a firm hold on the soil in the bench; if you don't you will have a crop of short-stemmed blooms for which you will have no use early in the fall, like you would have if it were white, and you could use it for funeral work. And so it goes on down the list and you must study each variety and handle it just as though it were the only variety on your place, and don't go and look at the Mrs. Joost plants when you want to know whether White Cloud needs topping. If you do your White Cloud will soon be laying all over the field.

A. F. J. Baur.

Wreath Arranged by Samuel Murray, Kansas City, Mo.

ROSES.

Seasonable Hints.

At this season mildew is one of the worst enemies of the rose grower. The houses have to be left open so much and the sudden fluctuations of temperature are just the conditions suited for the germination of the spores, which are always present, and as the weather is too warm to require firing, it is no easy job to get rid of it. Careful ventilation and a dusting of flowers of sulphur twice a week will help to keep it in check. For a bad dose of it shutting down the ventilators for half an hour while the sun is shining and applying the sulphur will usually kill it. Care should be taken not to get the house too hot, as the foliage may suffer.

Young stock in pots will require careful watching. Where the pots are well filled with roots they should be kept from any approach to drying out, as this gives them a check which it will take them some time to get over even after being planted in the bench.

In stock houses, after some of the plants have been removed it is well to keep the sand or ashes on the empty spaces of the bench well watered as it helps to keep the house cool and moist.

Pillow Arranged by Samuel Murray, Kansas City, Mo.

These matters are small and may seem trivial, but there is nothing too minute for the grower to notice if he wishes to be successful. Every grower should keep a journal in which to note his observations, and keep a record of his work, and whilst recording his successes he should also note his failures; by keeping these failures and their causes vividly before us we can try to avoid them in the future.

In recently planted houses where root action has well started the surface should be cultivated regularly once a week, stirring the soil with the hand to the depth of an inch. By keeping the surface in good condition the plants can use more water, as evaporation will be perfect and consequently growth more rapid.

Plenty of ventilation carefully regulated will give strong leathery foliage, which can better resist the attacks of mildew. Grafted stock should have the support of a stake as soon as planted, as the syringing is apt to detach the scion from the stock. Ribes.

AMERICAN ROSE SOCIETY.

The stated June meeting of the American Rose Society will be held in New York on June 11 in connection with the June show of the Horticultural Society of New York at the New York Botanical Garden. The Rose Society offers a silver medal for the best display of garden roses on this occasion. Further particulars of the exhibition and the full schedule may be had from the secretary, 136 Liberty street, New York. The Rose Society is now arranging to offer its gold and silver medals at some of the leading exhibitions next year, particulars of which will be made public very shortly. The gold medals will be offered for novelties.

VIOLET NOTES.

I said in my first article several weeks ago that I would later consider the style of house that violets should be grown in, and I will endeavor in this to give some idea of them.

It is a generally accepted fact that north and south houses are the best for violets taking everything into consideration. Nevertheless if one was growing only a few for home trade and only wanted them for the holiday trade, and wished to use the house for other purposes later, and did not have a regular violet house and did not want to build such, I would not hesitate to plant them in a south span house if it had ample ventilation under the south eaves and at the ridge. In fact you should be able to get more blooms at that time of the year than in a regular violet house, but a little later the sun gets too strong and spoils them, and if you shade to prevent this then the house is too dark on cloudy days.

One thing you should always bear in mind is that violets like to be near the glass, have plenty of fresh cool air, and planted in solid borders and not in benches—at least we can never succeed with them on benches.

To my mind there are two ideal violet houses, running north and south, even span, one ten feet wide and the other twenty-four feet wide. The latter is of course the cheaper house to build. They should both have ventilation on both sides of the ridge and also clear around both sides under the plate, which should be three or four feet from the ground according to the location. In the first named house you will have a path in the center with a border on each side, and in the larger house you will have four borders and three paths, the two inside borders being six feet wide each, as you can work them from both sides. The walks to the borders can be laid up of either brick or grout wall, the latter being very nice if properly done and the best of Portland cement used. R. E. Shuphelt.

CUTTING MUMS BACK.

T. K. asks if it is best to cut his mums back before shifting the last time, or after shifting. I hardly catch the idea of your correspondent so far as the cutting back is concerned.

If the plants are in pots and it is proposed to grow them so and take up a number of shoots they should have been kept pinched in. This will keep the plants dwarf and will induce numerous breaks to form. It is always better to pinch the tips out of the young shoots than to let the plants get up long and then cut down again. If T. K. has let his plants get up too long they should be cut down and made to start out into growth again before being potted on. Mums do not necessarily have to be cut back, though of course, it may be done when dwarf plants only are needed.

Brian Boru.

PERENNIAL PLANTS FOR CARPETING BEDS.

A great saving of labor results from planting all the flower beds with a carpeting of low-growing hardy subjects, so that the only after-planting that is required will be the introduction of a few annuals, or hardy or half-hardy subjects. Thus, a bed of white pinks will always look sightly, and can have a few wallflowers set at intervals over it in autumn or spring, with geraniums to replace these in summer. The bedding plants will be benefited rather than injured by having the ground about them so closely covered; in dry, hot seasons they will be found to flourish, whereas other plants set in uncarpeted beds will have at least the lower foliage withered, and stand in need of frequent applications from hose or water-can.

As there are a great number of low-growing perennials the choice among colors is a varied one. Alyssum saxatile, A. montanum, A. spinosum (white), and A. olympicum are all suitable. So are Iberis Pruiti (white) and I. corræfolia (white), while the common A. sempervirens will flourish anywhere. The blue winter windflower makes a beautiful carpet beneath early spring-blooming plants, but must be alternated with some summer-flowerer, such as violas, if later show is required. Anemone blanda must have full sunshine. Excellent are the Mountain Cat's-ears, Antennaria alpina and A. minima, as these have neat whitish foliage. Anthemis Aizoon is a pretty, dwarf, silver-foliaged camomile.

Where the ground is wet and cold Anthyllis montana should be tried; this

Cross Arranged by Samuel Murray, Kansas City, Mo.

pretty little vetch grows only six inches high, has white downy leaves, and small heads of pale pink flowers. Then there are several arenarias—montana, norvegica, etc.; the familiar white woodruff, or Asperula odorata; a whole collection of aubrietias; white or red daisies; several campanulas, of which C. carpatica is best; Cerastium tomentosum, C. arvense grandiflorum, C. Biebersteini, and C. alpinum; and the many varieties of pinks, the beautiful hardy alpine dianthuses, also Dianthus cæsius, D. deltoides, and D. petræus. I have seen the yellow-blossomed Linum flavum used with excellent effect as a carpeting plant, while the bright blue-flowered, evergreen-foliaged Lithospermum prostratum is a charming novelty for such a purpose.

Among forget-me-nots I know none lovelier than Myosotis Reichensteineri, which creeps over the ground, and makes "dense cushions of blue for several weeks in April and May." Oxalises have many lovers, and the mossy saxifrages are certain not to be forgotten, but I should like to persuade a few gardeners to make use of Phlox repens, which has fresh-looking green leaves and rose-pink flowers; P. subulata, the Moss Pink, is almost as good; P. nivalis has white blooms, and there are several florists' varieties of hardy dwarf phloxes that may be safely employed in the open beds. Potentillas cannot be excelled among ground-covering plants; the double named kinds have really handsome scarlet, crimson, yellow, or orange blooms; while Potentilla ambigua, sometimes called himalaica, makes a thick mass of foliage, from which rise large single yellow blossoms. Saponaria cæspitosa, rose, and S. calabrica albus, white, will be found serviceable, and there are many sedums that can be used, but only to surround very strong-growing plants. Silene virginica, the Fire Pink, has remarkably showy scarlet flowers, that are borne only a few inches above the foliage stems. Veronica pectinata, a small trailer, with either blue or rose flowers; V. prostrata, white, pink, or blue; and V. repens, pale blue, are but a few of the family that I can strongly recommend. There remain familiar garden favorites, such as violas, colored primroses, polyanthuses, snowdrops, crocuses, chionodoxas, scillas, aconites, etc.; indeed, the variety of subjects suitable for carpeting is very large. —M. H., in Gardeners' Magazine.

ATAVISM AND VARIATION.

Atavism, or reversion to ancestral characters, occurs probably in all branches of organic life, although in the vast majority of cases they must escape attention. In humanity we are familiar enough with strong resemblances which crop up between individuals of the present generation and the presentments of long-dead ancestors handed down in the shape of portraits. Resemblance to actual parents we naturally look for as fulfilling one of the reproductive laws, but it is so common as to excite little remark that while in large families it is easy enough to point out children who are extremely like either the father or mother, some of the others present so little likeness that they might well pass for members of a different family altogether. Everyone of an observant turn can probably call to mind instances of this class, and there is little doubt that in many of these cases a strong resemblance would be found to long-forgotten ancestors could reliable portraits be found for comparison.

Apart from inter-resemblance, traits of disposition, habit, and mental tendency also reappear, though these are less easy to establish, because a record is less likely to survive the memories of contemporaries. Little idiosyncracies of apparently the most insignificant nature may be transmitted, like the case quoted by Darwin of a father who habitually slept with crossed feet, and his infant daughter who did the same in her cradle. The writer was once dining with an old aunt who had not seen him since his infancy, during which his father died, and during the meal she several times expressed her astonishment at characteristic movements of which the writer was utterly ignorant, but which she declared were exact reproductions of the father's. Atavism, however, goes back far beyond the immediate parents, and its occurrence demonstrates that every man, woman and child, and every individual in any other branch of the great tree of life, must be an inconceivable complex of potencies, containing within itself not merely its own individuality, complex as that may be, but the individualities of maybe a thousand progenitors, any one of whose personalities may in the next generation usurp those of the immediate parents, and so constitute a case of atavism or reversion.

In the plant world we have a better opportunity of recognizing such cases, because the individuality of offspring is, as a rule, less varied than in man. A batch of seedlings, for instance, will generally match each other so closely as to defy individual recognition; species are also fairly well defined. Hence, when a case of reversion occurs, it is usually easy to determine as such in contradistinction to a new "sport." The cultivator, however, who studies these matters with a view to deducing some general law is greatly handicapped by the fact that Nature is not always ringing the changes, as it were, on her past achievements in the varietal line; she is not like a bellringer with a certain number of fixed notes to which he is confined. Every now and again she introduces a new note altogether into her harmonies, and thus baffles the investigator who works on the assumption that the entire gamut has been mastered. Her "variations," in short, may unexpectedly include a new theme, which the would-be lawmaker construes at first as a discord until wider knowledge reveals the true harmony.

Thus it is with the laws of hybridisation and the laws of variation. Of the harmony of the former we are only now getting an idea, thanks to Mendel, De Vries, Correns, and others who have made it their study. The latter has, so far, defied research; all we know is that sudden variations occur which we cannot impute definitely either to atavism or the evolving effect of changing environment, and as these two seemingly different laws affect one and the same field of research, it is clear that definite results are extremely difficult of attainment. The hybridist, however careful and systematic he may be, is always liable to have Nature step in

in her varietal mood and put a new set of features upon the offspring, plus a new set of potencies in their systems, which utterly upset and vitiate his calculations, while affording no clue whatever to the reason.—Chas. T. Druery, F. L. S., V. M. H., in Gardener's Magazine.

CHICAGO.

The Market.

At the time these notes are written the early shipping for the Decoration Day trade is being done. The early orders will probably be taken care of, but it is not so certain about the later ones. There is a lot of stock, such as it is, but most of the roses coming in are of very poor quality and it will take close picking to get out enough of shipping grade to meet demands. Carnations are more plentiful and average better in quality than roses, but the general average of stock generally is poor. Anything different could hardly be expected after the violent weather changes we have had—from cold to hot and then back to cold again. Any grower who has failed to fire the past few days is sure to have been decidedly out of it.

The cool weather has improved quality somewhat over last week, when the plants were being roasted, but there has not yet been time for the change to have produced much effect. There seems to be an abundance of good lilies and outdoor valley, but hardly enough good pæonies to meet the call. Orders have come in freely and it is so far merely a question of getting stock of good enough grade to stand the shipping test.

The supply of hardy ferns is unfortunately short. The price is now $3.00 per 1,000 and there is a likelihood of its going to $4.00 by the time this is in print.

At E. C. Amling's we noted some fine white stocks that were very attractive and meeting with good demand.

Various Items.

The regular meeting of the Florists' Club was held Wednesday evening. There was no regular program. Arrangements for the annual summer outing were discussed.

The price of iron and steel pipe, etc., has been given another boost. There was an advance of 10 per cent in the price of boiler tubes this week and further advances are predicted. Any one about to buy pipe or tubular boilers had better get quick action.

Peter Reinberg celebrated his 19th wedding anniversary last Thursday.

Mrs. P. J. Hauswirth has been very seriously ill and last Saturday was dangerously so. She is now improving.

The S. A. F. rate from Chicago to Asheville, N. C., has now been definitely settled and it amounts to $24.80 for the round trip. Special round trip tickets will be issued, good going Aug. 16, 17 and 18 and with a return limit up to Aug. 25. The sleeping car rate is $5.00 each way. Special cars will no doubt be arranged for by the local club which will insure against any change of cars.

A committee composed of wholesalers and retailers called on the school management committee of the board of education last Thursday and petitioned for a reversal of the rule prohibiting the presentation of flowers to graduates at the annual commencement exercises in the public schools. They did not succeed in securing a reversal of the rule, but it developed that the pupils could use flowers as freely as they wished in the decoration of the room. What is forbidden is the passing of flowers up to graduates on the platform.

Bedding out is going forward at Lincoln Park. The geraniums were put out last Saturday, and being in full bloom, made a fine showing Sunday. Headgardener Stromback tried the "California Giant" pansies this year and was much disappointed in them. The blooms are not remarkable for size and the colors average much below present-day standards. In the hardy garden the German irises are beginning to bloom, the dodecatheons are at their best, the pæonies are in bud though none are showing color except the early red. The aquilegias are beginning to make a brave show, the double flowering crab is in fine bloom and Spirea Van Houttei is at its best. The heavy rains have, however, injured the blooms of this shrub, causing the flowers to drop much quicker than usual.

We have had a great deal of rain during the past month, in fact, more than was needed. And last Saturday evening this was supplemented by a terrific downpour for several hours that left the ground in the condition of a thoroughly soaked sponge. This was followed by a marked lowering of the temperature, Monday and Tuesday being quite chilly, though there was a fair amount of sunshine.

Mrs. John Richter, Duluth, Minn., was a visitor this week.

John Degnan has returned from his eastern trip.

E. H. Hunt is showing some very attractive new figures in crepe paper, a very timely one being that with an American flag printed on it.

BOSTON.

May 18-24.

Our retailers complained some of slack business but I will give you the quiet tip that a whole lot of all sorts of goods came into the different wholesale marts and Saturday eve found their ice chests fairly well emptied. Where it all went to I would not care to hazard a guess. But it nearly all goes out by regular channels of traffic, the street not being over-stocked and our now quite well organized hospital department hardly got remembered at all. Somebody is surely doing something. I presume it may be best not to brag much about prices, but there is no proof that any one is getting any more than he asks. And it is also one of those times when the support of the fairminded buyer who has been fairly used all winter is worth something in repayment for past favors, as well as one of the times when the irregular buyer gets hold of the light end of the log.

Chaff and Wheat.

A noticeable feature just now is the fact that the wholesale business lasts all day better than in cooler weather. Small dealers do not buy so much on speculation in the morning as usual but run in and purchase a few dollars' worth whenever they catch an order. You see goods do not keep so well this kind of weather. The next noticeable change will be when these small dealers stop getting orders to a great extent.

"Middlesex" wrote, some few weeks since, rather a plaintive dirge to the passing of the suburban florist. I hardly agree with him and will take the ground that there never was a better time than this to start a suburban business. But it nowadays takes a florist to run a florist business anywhere! The day is past when a man can be a carpenter, a shoemaker or a stonemason with one hand and a florist with the other. The Jack-at-all-trades is becoming extinct anyway isn't he! Competition now makes a man know his biz too well to be able to know too many of them. He must compete with experts and must be an expert himself to do so.

The "Old Guard" held a very satisfactory session a few nights since at which the chief function was extended hospitality to a few guests from a few states away. It strikes me it might seem pretty nice to be one of those guests at such times. It would take a lot of ink or same other fluid to describe a good old fashioned soiree of the O. G. J. S. Manter.

PHILADELPHIA.

The Market.

The cut flower market was quiet last week and early this week. Indications point to lively business from Wednesday on, there having been several school commencements on that day which together with the advanced Decoration Day shipping moved considerable stock. The heat has railroaded immense quantities of poor bloom on the market, giving a great deal of work to those who handle it, both growers and sellers. Outdoor stock for Decoration Day is good and very plentiful, pæonies, Japanese snowballs, cornflowers and a few early sweet peas being the principal factors. The first named is, of course, far and away the most important and can be had in all shades and colors. The indoor peas are still with us. Gardenias, fine flowers on long stems, are a pleasing addition. Outdoor valley is poor and doesn't sell, 10 cents per bunch of 25 being the price on the street.

Plants.

When the advance made by the horticultural press reaches the point where the market notes are written by someone whose whole time is devoted to the work instead of by a florist, then, and only then, will it be possible to give an accurate idea of the conditions of our widely scattered plant market. Speaking in a general way this season shows a wonderfully active demand for all bedding stock at fair prices. Good judges say that there will not be enough of many kinds to fill the orders. Some large roses in pots and geraniums in bloom are now difficult to obtain. The principal wholesale growers are already pretty well cleaned up. There is a great deal of stock still in the hands of the retailers.

Notes.

Henry F. Michell will sail for Europe next week. He expects to spend two months among the seed and bulb growers, visiting England, France, Germany, Switzerland, Holland and Austria.

The Henry A. Dreer Co. is sending heavy consignments of pæonies to S. S. Pennock daily. Its van contained 3,500 blooms one morning this week.

Funeral Bunches Arranged by Samuel Murray, Kansas City, Mo.

Robert Scott & Son are sending a quantity of excellent blooms of Gardenia Fortunei to Reid and Pennock.

One of the department stores, Lit Bros., was sending out young roses, secured from up the state, in packages of six which retailed for 25 cents.

Pennock Bros.' window is beautifully decorated with pæonies and ferns this week.

Some associate members of the Florists' Club contributed substantial prizes for the five best scores in a match between the regular team and the talent that bowl on the club alleys each Friday night. The match took place last Friday, the regular team being obliged to concede two of its best men, Moss and Dunham, who are also members of the Friday Nights. Teams, regulars: Moore, Mooney, Johnson, Starr, Allen; Friday Nights, Moss, Dunham, Archer, Eimerman, Adelberger. The regulars won by 78 points in a total of three games, but the Friday Nights captured three of the five prizes, including first, which was won by Moss. The affair was greatly enjoyed by all. A return match will be played this Friday evening, Decoration Day.

A great baseball game is planned between the street men and the employes of S. S. Pennock. Great rivalry exists and it is said that a lot of wagers have been made. The chief difficulty lies in the selection of a battle ground, the street men insisting on Washington Park, while the Pennocks prefer the seclusion of Lansdowne. Should this disputed point be settled the REVIEW hopes to chronicle the scores next week.

Some of our commission houses remained open all night on Wednesday.

In these days of building everywhere, it is restful to know that one florist is satisfied. Joseph Bevis says he has enough glass. He and his son and man can manage the place nicely, growing good stuff as it is, and they desire nothing more. PHIL.

NEW YORK.

The Market.

It's a bear market in floriculture as well as in Wall street. But with the flowers, with summer heat and unbearable humidity and an abundance of outdoor flowering plants and the exodus of flower buyers to the country, what else can be expected. Everything has degenerated in quality and value. Roses and carnations are close to the bottom. Decoration Day will cause a slight flurry and a general cleaning up of surplus bloom, etc., then will come "The melancholy days" and to the average retail florist "The saddest of the year."

Those who care for gardens and do landscaping and plant lawns and "country seats" have had a wonderfully busy season. And now the catering to the requirements of the "400" at the summer resorts is begun. From here to Newport go Hodgson and Siebrecht and Wadley

& Smythe, and already their handsome establishments are open.

Items.

The coming convention of the S. A. F. O. H. at Asheville begins to assert its interest, and prospective visitors are talking about the route, the best way to go and the desirability of a grand union of Boston, Philadelphia and New York members by special train, to start from Washington on the Sunday evening before the convention opens, arriving at Asheville about noon on Monday after a daylight trip through the glorious country where the angels (feet) love to linger.

The auction sales continue. Bedding plants of all kinds are absorbed at good prices. Japanese plants are again offered with Fifth avenue art surroundings, and the bon ton dabblers in horticulture gladly bid exorbitant prices for these diminutive curiosities.

Friends of Louis Schmutz will hear with regret of the accident whereby both of his legs were broken.

Charles H. Downie, of Peter Henderson & Co., died of pneumonia Monday, May 19. He had been manager of the agricultural seed department of this house since 1889. His ability was unquestioned, his friends many, and his demise is universally regretted.

The Pennsylvania Horticultural Society, Philadelphia, is worthily proud of its membership of 850, and its beautiful home. It was my pleasure to attend its regular meeting last Tuesday evening, and to hear an excellent address by the society's botanist, Mr. Stewardson Brown, on "The Influence of Environment on Plant Variation." After the meeting a pleasant hour in the billiard and bowling room of the Florists' Club below made all other places of a similar character in floral circles look hungry and undeveloped, and such generous welcome, such "touch the spot" punch as Brother Westcott's, and such persistent and enthusiastic bowling as the Deacon's, can be found nowhere else in the country.

Thomas Young, Sr., died at Clifton, N. J., Monday.

S. A. Anderson, of Buffalo, is in the city.

Bowling.

Monday night was stormy and the attendance at the alleys was light.

Capt. Lang thinks a neutral alley will be best for that match with Capt. Ellison and suggests that the battle be fought at Asheville.

The best scores Monday night were:

Lang	186	162	181	162	184
Siebrecht	191	157	138	154	142
Hafner	202	194	181	164	162
Bunyard	132	146	123	159	...

AUSTIN.

SAN FRANCISCO.

The annual spring exhibition of the State Floral Society was held May 22, 23 and 24 in the nave of the Ferry building, San Francisco. The show on the whole is something similar to the one held last year with the addition of a greater number of novelties than could be seen at any of the previous shows held by the society. The premiums were awarded as follows: John H. Sievers, first, for largest and best collection of carnations; first for largest and best collection of pelargoniums. Domoto Bros., first, for dwarf trees in pots. Frank Pelicano, first, for cut flowers. Cypress Lawn Cemetery, special premium, for ferns and cinerarias. C. C. Morse & Co., Santa Clara, special premium, for sweet peas. Peter Theisen, Golden Gate, special premium, for seedling rose named Pride of Golden Gate; first for seedling rose Climbing C. Testout. Mrs. T. Sachan, special premium, for chrysanthemum Viviand-Morel; first for largest and best collection of garden flowers. Mrs. W. S. Chandler, first, for wild flowers. Prof. E. J. Wickson, first, for collection of roses. Mrs. E. T. Crane, second, for collection of roses. Cox Seed & Plant Co., first, for decorative plants. John Hinkel, Berkeley, first, for field grown roses. E. J. Vawter, Ocean Park, special premium for field-grown carnations. Mrs. H. P. Tricon, first, for collection of cacti. Mrs. Richard Spreckels, special premium, for basket of pelargoniums.

D. O. Mills exhibited, not for competition, a table of very choice ferns, calceolarias, primulas, coleus and pelargoniums. The Golden Gate Park exhibited, not for competition, a very large oval table containing Lilium longiflorums, coleus, calceolarias, primulas and an assortment of palms.

The exhibit of carnations and pelargoniums made by John H. Sievers was, as usual, a superb display of cut bloom, the new seedling carnation Mrs. Whitelaw Reid winning first premium. This seedling is of the Hobart type, a fine scarlet with reputation of being a splendid keeper. A. B. Spreckels, a brilliant scarlet, is a beauty, a large full flower with good stem. If there is another scarlet that beats A. B. Spreckels, I would like to see it.

The basket of pelargonium blooms exhibited by Mrs. R. Spreckels, Buena Vista avenue, San Francisco, was one of the most handsome arrangements of pelargoninms ever witnessed at an exhibition in San Francisco in many years. The basket contained seventy-five varieties of the finest pelargoniums in cultivation finished with Asparagus plumosus. In size the basket was 3x4 feet and stood on a pedestal in the center of the hall. This exhibit was much admired.

The new rose, "Climbing Caroline Testout," a sport that originated with Mr. Peter Theisen, of Golden Gate, Oakland, was much admired by rose lovers. It's a good thing and will be a splendid addition to our list of climbing roses. Mr. Theisen will disseminate this new rose November 15, 1902. Another new rose shewn by Mr. Theisen is called "Pride of Golden Gate," said to be a cross between Papa Gontier and Mme. Lambard. It looks much like Capt. Christy in color and is said to be a good forcing rose. Mr. John MacLaren, one of the judges, thinks that Capt. Christy has been flirting with Mme. Lambard, instead of Papa Gontier.

The sweet pea exhibit by C. C. Morse & Co., Santa Clara, made a most attractive table for the lovers of this beautiful flower.

Frank Pelicano had a well arranged table of decorative plants, roses and carnations. Among the carnations Roosevelt, Estelle, Lawson, Crocker and Hobart could be seen in the finest form.

The wild flower exhibit was, if anything, the finest ever witnessed in 'Frisco. Hundreds of varieties were gathered and sent from all parts of the state, giving the lovers of wild flowers a treat that they get but once a year. J. N.

ST. LOUIS.

The Market.

Although the glut that prevailed last week is, to a certain extent, still with us we can say that better conditions prevail. There is little, if any, transient trade, but the several weddings booked for this week, together with the commencement exercises and Decoration Day, will wake up the trade somewhat, although Decoration Day scarcely causes a ripple in the trade here.

Roses and carnations are very abundant and job lot prices prevail. Beauties are in good demand, the top price being $3 per dozen. The best of the smaller roses bring $3 and $4, but the bulk of the stock is sold from $1 to $2 per 100. Outdoor Jacks are in, but not good, and go at $2.

Carnations are still in fair condition, though a great many show the effects of the hot weather. Some of the best flowers went begging at 50 and 75 cents per 100, and many had to be dumped the past week.

Pæonies were very plentiful and found a fairly good market. Sweet peas are becoming very plentiful and this week will find the market glutted with them, the price being 25 and 50 cents per 100. A few Harrisii and callas are still in the market, but are not much called for. All greens had a fairly good call with plenty in the market.

World's Fair Matters.

Professor W. M. Hays of Minneapolis, who is a member of the committee from the National Association of Agricultural Colleges, visited Secretary Joseph Flory of the National World's Fair committee the past week to ask for a half acre of ground on which to experiment in the cultivation of plants during the World's Fair. The other members of this committee are Doctor W. H. Jordan, Experiment Station, Geneva, N. Y.; Doctor A. C. True, Director of Office of the Experiment Station, Department of Agriculture, Washington, D. C.; Doctor H. J. Waters, Dean of the Agricultural College of the Missouri State University at Columbia; Professor C. F. Curtis, Iowa Agricultural College, Ames, and Professor Thomas F. Hunt, Dean of the Agricultural College, Columbus, Ohio. The committee met at the Planters Hotel Friday morning and visited the World's Fair site in the afternoon and expressed great satisfaction in the progress made.

Meeting of the Protective Association.

The first announcement in the Review of last week of the Retail Florists' and Growers' Protective Association caused an eruption almost equal to that of Mont Pelee among the fakirs, crape chasers and cheap Johns, who know their doom is sealed when this association is in working order. The retailers and growers unite in saying that one must read the Review to get the news in all branches of the trade.

Florist Club Meeting.

More than usual interest is being taken in the next meeting of the club, which will be held in Belleville June 19 in the rooms of the Commercial Club, and no doubt it will be the largest meeting of the year. It is reported that the Belleville boys and the Commercial Club are making great preparations for

East Front of Horticultural Building at Pan-American Exposition, with Statuary in Foreground.

entertaining the members and nothing will be left undone to make it pleasant for all, and a great time is anticipated.

A New Firm.

Bentzen & Rueter Floral Co., who are new to the florists of St. Louis, are putting up two new houses, each 35x110 ft., which are almost completed, at Marcus and Margaretta avenues. They expect to build quite a range to be ready at the time of the World's Fair. St. Louis is ripe for a big plant that will grow good stock and plenty of it. Mr. Bentzen of the Bentzen Commission Co., of St. Louis reports that neither he nor his firm are in any way connected with the above firm.

Notes.

Mr. Smith, representing the Walter Mott Seed and Bulb Co., reports a fine trade. His trip west was a great success.

George M. Kellogg of Pleasant Hill, Mo., was a visitor the past week. Mr. K. is supplying this market with plenty of fine stock.

Mrs. Wm. Trelease, wife of Dr. Wm. Trelease, of the Missouri Botannical Garden, has been appointed a delegate to the National Conference of Charities and Corrections to be held at Detroit, May 28 to June 3.

Ellison & Tesson will, on June 1, remove from 625 Olive street to 622 Locust street, corner of 7th. Mr. A. Y. Ellison, of the above firm, has a very important engagement (matrimonial) booked for the near future and he would like to roll that match game with Captain Lang before the date for filling the above engagement.

Fred H. Weber has left the employment of his uncle, Fred C. Weber, and leaves tonight (Tuesday) for Kansas City, Mo., to take a position with George M. Kellogg in the wholesale and retail department. Fred is a very clever young man and Mr. Kellogg can congratulate himself in securing this young man. We wish him luck.

Bowling.

The attendance was very slim at the bowling club Monday night and the following scores were made:

	H.	1	2	3	Total.
Theo. Miller	35	171	140	192	503
A. Y. Ellison	..	139	173	191	503
John Sturtz	15	159	181	204	544
J. J. Bencke	15	168	132	184	478
F. M. Ellis	35	...	128	161	289

J. J. B.

THE PAN-AMERICAN.

It is a little late for Pan-American pictures, but it seemed to us that the accompanying engraving from a photograph of the east front of the Horticultural Building should be placed on record. It is especially interesting in that it so clearly shows the superb statuary that stood in and around the water basin.

In the center is a fountain composed of various symbolical figures, surmounted by the Goddess of Light. It was as fine a piece of work as there was on the grounds. To the right and left are seen groups symbolizing various handicrafts.

At the right in the foreground is a group representing Flora in her chariot, holding aloft a garland of flowers, while across the basin, at the left in the picture is a group representing Pomona.

The artists have here very cleverly embodied the spirit of Horticulture and we have pleasure in presenting a pictorial record of this artistic achievement.

You have the best advertising paper in the country. I sold all my plants in two weeks by giving you my advertisement.—J. L. Elliott, Bethlehem, Pa.

INDIANAPOLIS, IND.

Trade Notes.

This has been one of the best bedding seasons in recent years. One week before Decoration or Memorial Day and 95 per cent of all the good bedding plants are sold or ordered for future planting. The weather has been fine during the past four weeks and there has been little fear of frost. Last year there were no pæonies open by June 1st, but this year only the latest varieties will be in good condition at that time. All other flowers will be plentiful, especially carnations, of which nearly all the larger growers have an over supply just at present. Perhaps the large cut of pæonies has had some effect on the sale of other flowers and it is a good thing that their season is short. Like the chrysanthemum they carry everything before them when they are in season, but everybody is glad when they are gone for another twelve-month. Roses are showing the effects of the hot weather quite badly and but few really good roses are seen.

In bedding plants there is a decided shortage of good geraniums and salvias, although everybody had their usual supply and several had more than usual. There seems to be a falling off in the demand for trailing plants, people are planting vases with only geraniums or only cannas or salvias and no drooping vines. This will not likely last, however, as there is certainly more beauty in a vase well filled with vines and plants than where the vines are left out. By midsummer the vines are the only pretty plants in a great many vases and without them there will be many a shabby looking vase around the city.

Robt. McKeand, who has been renting the cut flower department from Huntington & Page since Jan. 1, has turned

the place ever to Messrs. Huntington & Page again.

Baur & Smith are the first in the market with asters.

The June meeting of the State Florists' Association, which is to be held on the 3d, should be well attended. Some changes are to be made in the by-laws and every member should be present to lend his counsel in putting them into better shape. A. B.

CINCINNATI.

Heavy Wind and Hail.

The heavy rain storm, briefly spoken of in my last week's notes, proved to be one of the most destructive that has visited these parts in many years, amounting almost to a cyclone. The wind blew at about 60 miles per hour and had a twist to it that uprooted trees, moved houses from their foundations, and took off roofs. This storm was also accompanied by hail. To cap the climax a heavy hail storm made itself felt Saturday afternoon, and as a result, many florists are without a good pane of glass on their place. The storm seemed to run in a streak, coming from the southwest and extending over a territory of about a mile and a half.

The Murphy settlement was right in the middle of this and they were all very badly wrecked. Wm. Murphy suffered the most, his loss amounting to about 15,000 out of 20,000 feet of glass. The roof of his barn was also badly damaged and boards were blown out of the sides. Owing to the strength of the wind carnation plants in the field escaped with but slight loss. The wind blew them over almost flat upon the ground, so that the hail did not have the chance to split them as it could have done had they been standing erect.

Mrs. R. J. Murphy's plant is almost a total wreck, the hail breaking almost all the glass on the place, some three or four thousand feet. Besides this a large number of hot bed sash that were piled up out of the way were totally ruined, the hail coming with such force that it went right through them from top to bottom of the piles.

Mr. C. C. Murphy escaped with about half of his place. The hail broke all the glass on one side, but the other escaped. Loss about 2,000 feet.

Mr. Ed. Murphy was damaged to the extent of about 2,000 square feet.

George Murphy ran in luck and his loss can be replaced with two or three boxes of glass. He was just on the edge of the hail belt and has reason to congratulate himself.

Mr. Ed. Schuman lost about 300 panes of glass, also having a lucky escape.

None of the above carried any hail insurance save Mr. Wm. Murphy, so the loss in their cases is total, with no chance for remuneration. This is surely an object lesson for hail insurance.

Mr. C. Sunderman's barn was blown down and R. Witterstaetter suffered the loss of a shed which was a total wreck, but it did not hail enough to hurt them. Mr. Rentenschoer and J. W. Rodgers were also in the hail belt but suffered no loss.

Other Items.

Business during the past week was the worst of this season. There was practically no demand and only the very best stock brought anything like a fair price. Great quantities of very poor stock was to be seen everywhere and it had to be sold at any price. Roses are getting awfully small and the price is in proportion. Many carnations arrived in such poor condition owing to having been sprinkled when packed that they were absolutely worthless. It is strange that growers can not learn to keep water off of carnation flowers when packing them for shipment. It is right to put wet paper and a little ice on the stems but protect the blooms from water and above all don't sprinkle them.

Pæonies were damaged some by the heavy storm, but there will be quite a quantity of them for Decoration Day. Orders are coming in for that day quite lively, and as we have cooler weather with a consequent shortening of supply, it would look as if very fair prices would be realized and a first class business be done. Sweet peas are still coming in slowly and are in good demand.

The heavy storms did considerable damage in the parks, Eden park suffering the most. The damage amounts to several thousands of dollars and was mostly in walks and roads that were washed away and flower beds ruined. When you consider that 2½ inches of water fell in thirty minutes time you can judge what damage could be done.

There is a very large demand for bedding plants and many florists are from one to two weeks behind with their orders.

Martin Reukauf, of Philadelphia, was a caller. C. J. Ohmer.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

Affinity of Pelargonium and Geranium.—In discussing the wonderful development and improvement made in scarlet perlargeniums since the introduction of P. inquinans in 1714, the Rev. Professor G. Henslow recently remarked that the wild plant has a small scarlet flower, with petals like windmill sails, having great gaps between them; whereas the present plant has a flower with a perfectly circular outline. This is an attempt at reversion to regularity, which all irregular flowers originally possessed, thereby approximating to a geranium, which has a perfectly regular pentamerous flower of five sepals, five petals, ten stamens in two whorls of five each, and a pistil of five carpels. Five honey-glands are symmetrically situated on the floral receptacle; whereas in pelargonium a long tube at the posterior side of the flower, running down the stalk, contains the honey. There are only seven perfect stamens; so that, under cultivation, the flower of a pelargonium tends to reacquire the character of geranium, from which, or some similar form, it was probably descended.

An Interesting Graft.—At the meeting of the Horticultural Society of Prussia, Herr Lindemuth submitted to the members some interesting examples of grafting in which the scion had exercised a marked influence upon the stock. In one case he had grafted a wall-flower upon a red cabbage, and at the base the plant produced the growth of the wall-flower with a cabbage sprout, and at the top a head of the red cabbage. In another instance, Herr Lindemuth grafted a petunia on the upper part of Nicotiana glauca, and the scion grew vigorously and bloomed profusely, producing a very pretty effect. M. Winter, of Bordighera, has also grafted petunias on the species of nicotiana mentioned, which forms a shrub in the district.

Diseased Roman Hyacinths.—The bulbs are attacked by a parasitic disease known as Bacterium hyacinthi, or the Hyacinth Bacteriosis. The yellowish mucilage swarms with bacteria, and is quite able to spread the disease. When in growth the hyacinth leaves give evidence of the attack by the presence of small yellow spots caused by mucus in the leaf tissues. This disease is very common in Holland, and has been very prevalent in England this year. Change of crop and the destruction of all infested bulbs will bring about a better state of things.

Hardy Trailing Plants for Vases.—A few suitable subjects suitable for planting against the rims of large vases are Arabis albida, Coronilla iberica, the common Creeping Jenny (Lysimachia nummularia), Oxalis corniculata, Phlox reptans, Pratia repens, Saponaria ocymoides, and the various hardy vincas. Silene pendula is a useful hardy annual for the purpose, and there are a few sedums and saxifragras that might be pressed into service.

Lilacs.—The cultivation of lilacs is of the simplest, but they must not be left wholly to themselves as is so frequently done. They will grow freely under adverse conditions, but they do not, as a rule, bloom satisfactorily when left to themselves, as a forest of suckers rise from the roots, and these hinder the proper development of the growths which produce the flowers. The chief point is to keep the plants free from suckers, and that may be done by chopping them off during the season of growth, or by removing them with a fork and a knife during the winter months. As you have allowed the suckers to grow unchecked for two or three years we would advise you to proceed at once with their removal. The simplest course will be to lift them with a fork having short stout prongs through long use, and then cut them off as near to the parent plant as possible, using a sharp knife for the purpose. We recommend this course of procedure in the interest of flower production, but in the case of grafted plants it is absolutely necessary to prevent the growth of the stock crowding out that of the scion.

Gloriosa Superba.—Few climbing plants have a more beautiful appearance than Gloriosa susperba when well grown and trained up the pillars or along the rafters of the stove. It is a tuberous plant, and strong tubers should be obtained to start with. It is also essential when potting up the tubers in early spring to place them in fairly small pots until well started into growth, and then shift them on into larger receptacles as the smaller ones become filled with healthy roots. A compost I have found to suit the gloriosa consists of two-fifths loam, one-fifth each of peat, leaf-soil, and dried cow manure, with a small quantity of charcoal broken small and a liberal sprinkling of silver sand. The temperature of the ordinary stove will suit the plants well, but if they can be plunged in a hotbed in the propagating pit to start them so much the better. Slugs are extremely partial to the young, tender shoots, hence watchfulness is necessary, the evening being the best time to trap the depredators. Avoid overwatering the plants until roots are ac-

Charles Millang, 50 W. 29th St. NEW YORK.

The "Lily King" is called the "Early Bird!"
First in the market, be it hot or cold,—
His the melodious voice that's soonest heard
Buying up **all** the Lilies, I've been told,
Small wonder then, the melody the Lilies always sang,
When they with perfume-laden voice, serenaded Charles Millang!

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it.

TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

tive, for if the soil be just moist at potting time no water will be required for some days. When growth is strong and roots active there is seldom any cause to fear over-watering.

The Gardeners' Chronicle.

EELWORMS IN CHRYSANTHEMUMS.—In the *Comptes Rendus* of the Academie des Sciences, January 20, is a note by M. Chifflot on the disease in chrysanthemum foliage, caused by nematode worms of the genus aphelenchus. The remedies suggested are: To burn the affected foliage; to prevent contaminating the soil used in repotting by taking care not to throw on it infected leaves, etc.; as far as possible to sterilize the soil; to make use of artificial rather than of natural manures; and to take cuttings only from healthy plants.

BEGONIA GLOIRE DE LORRAINE.—In the first place, it is so persistent in flowering that cuttings are with difficulty obtained, and many cut off the flower stems with the idea of getting the plants to start from the base, with the result that they do start, and begin to flower again; whilst if allowed to flower from the original stems, the buds at the base will remain dormant till the flowering period is pretty well exhausted, and when they do start good cuttings are readily obtained. There is no difficulty in propagating the plant, as with ordinary care almost every cutting will make roots. The most important point is to pot them off as soon as they are fit, and keep them growing without a check. Although they do not fill the pots with roots like some varieties, they like potroom, and a good rich compost. In the earlier stages of growth plenty of warmth may be applied, and later on a moderate temperature with plenty of light and fresh air; the plants must never be crowded together after they are well established in their flowering pots; manure-water may be used freely.

PRIMROSE SEEDLINGS.—The seedling primulas are attacked by the fungus called ovularia primulina. The disease is mostly confined to the seedling stage. If the soil is thoroughly disinfected by heat, and the seedlings sprayed with dilute potassium permanganate solution, the disease can be held in check.

ATTICA, N. Y.—W. C. Stroh is preparing to erect four large new houses this summer. They will have all modern features.

TARRYTOWN, N. Y.—The premium list for the fourth annual exhibition of the Tarrytown Horticultural Society has been issued, and copies may be had by addressing the secretary, Mr. Edward W. Neubrand. The exhibition will be held in Music Hall, November 11, 12 and 13.

MR. WILLIAM SCOTT wires us that he was unable to send anything for this week's issue.

WELLESLEY, MASS.—H. H. Hunnewell, widely known as a patron of horticulture and owner of one of the most beautiful estates in America, died May 20, aged 91 years. The magnificent gardens will be remembered by the members of the S. A. F. who visited them at the invitation of Mr. Hunnewell at the time of the Boston convention. Mr. Hunnewell was a member of the Massachusetts Horticultural Society for over fifty years and served on many important committees. In his extensive gardens could be found examples of all that is beautiful in nature. He was particularly fond of rhododendrons and possessed the largest private collection in the country.

NEW DURHAM, N. J.—J. W. Bolmer, foreman for R. Asmus, died recently as the final result of a slight cut in his thumb, which had probably been poisoned by some insecticide. He was 29 years of age and leaves a widow and two small children.

WEST HOBOKEN, N. J.—Charles H. Downie, for many years with Peter Henderson & Co., died May 19 of pneumonia, aged 37 years. He was born in Nova Scotia and came to New York in 1889. He leaves a widow and a son.

MAROA, ILL.—Mrs. Eliza A. Cooper will take a trip to Europe this summer and will return in the early autumn.

HAMORTON, PA.—Elwood Palmer is building another greenhouse.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Tabasco hot water boiler, No. 32, price $50.00; also Wilks' hot water boiler, No. 30, price $35.00. Both are magazine feed and carry fire 8 to 10 hours; both in good order and have new grates used past season only; capacity, 1000 to 3000 feet of glass each. Write for further particulars. Terms cash. W. H. Culp & Co., Wichita, Kan.

FOR SALE—Dwarf Novelty heater, No. 14, 40 in. high, used only one season and in perfect condition, price $12.50, on board cars here. C. A. Holmes, New Berlin, N. Y.

TO EXCHANGE—Large pedigreed Belgium hares, choice stock, for young rose plants. Address Geo. Staffinger, Springville, N. Y.

FOR RENT—At Frederick, Md., greenhouses in complete order, 162x20, 65x18, 107x11; boiler room 60x18; No. 8 Furman boiler and small heater; large mushroom cellar; stable; two acres of ground; dwelling for rent near by; city water; no stock on hand. Rent $300.00 per annum. Ill health of owner compelled retirement from successful business, principally vegetables and mushrooms for Washington and New York. Address Henry Trail, Frederick, Md.

WANTED—A steady young German, 18 or 20 years of age, for greenhouse and outdoor work, with some experience, on a private place; $20.00 a month and board. F. A. Engleman, florist, Clarkville, Mo.

WANTED—At once, competent lady florist. Write with reference, stating age and experience. Seekins, florist, Duluth, Minn.

ALEX. J. GUTTMAN,
Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

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Mention The Review when you write.

MOORE, HENTZ & NASH,
Wholesale Florists,
55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

Mention The Review when you write.

WANTED—Young man to learn the greenhouse business and the growing of roses and carnations; state age. Apply to John L. Wyland, De Haven, Pa.

SITUATION WANTED—As foreman; thoroughly competent and reliable; 21 years' experience. Address 21, care Florists' Review.

FOR SALE—Greenhouse establishment; small capital—about $600.00 cash needed, balance on long time, say 6 or 8 years; interest on principle to be paid monthly or quarterly. 6 houses, about 14,000 square feet of glass in fairly good condition, with excellent shipping facilities. Good stock for next year's crops. A splendid bargain for a good man. Private reasons for selling out. For further particulars address Confidential, care Florists' Review.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

FOR RENT—A prosperous retail and wholesale business; new houses complete; 15,000 feet of glass, 16x24; one acre of land, and dwelling; rent $60 per month; opposite Woodmere cemetery gates; one mile from Detroit, Mich. Address Anton Kaler, Woodmere P. O., Mich.

FOR SALE—Florist store in Chicago, established six years. Terms reasonable. Sickness reason for selling. Apply at the store, 1611 Milwaukee Ave., near Western Ave., Chicago.

WANTED By one with a national reputation as a decorator and maker-up, the best position available in a retail store. Able to take charge. State terms.

ILEX, care Florists' Review.

WANTED.

Two Rose Growers FOR TEAS and BEAUTY —must be first class. Address with full particulars—

MILLER & SONS,
Bracondale, TORONTO, Ontario.

Always mention the Florists' Review when writing advertisers.

For June Weddings

VALLEY, GARDENIAS, ORCHIDS.

Beautiful and Charming Effects made possible

with our NOVELTY GAUZE RIBBON.

See our card in Review of May 22nd, page 903.

SAMUEL S. PENNOCK, WHOLESALE FLORIST PHILADELPHIA, PA.

Mention The Review when you write.

PENTSTEMONS.

Among the plants that have of late years entered upon a new era of prosperity are the pentstemons, of which we now have varieties whose equals could not be found a few years ago. So much improved are they that I am firmly of the opinion that they are indispensable in the garden, and it is more than likely that they will be universally grown ere many years have passed. I saw a few beds in various places last season, and was more impressed every time by the size of the flowers, the robustness of the plants, and the purity and richness of the splendidly varied colors.

I should like to enter a plea for the extended use of the pentstemon, not in mixture as has been more generally seen up to now, but in named varieties of conspicuous merit. For clumps in broad borders or for beds they can be heartily commended, and with good treatment will not fail in giving complete satisfaction. As town plants I have found them flourish admirably, but being lovers of a generous soil, some thoroughly rotted manure should be incorporated with the ground. Moreover, watering must be persisted in, as the soil is so apt to run dry in the freely drained gardens of large towns and cities. In London the colors are, of course, less pure than in the clear air of the country, but they remain sufficiently clear to make a brilliant display.

Last summer I saw the collection grown at Orpington by Messrs. Dobbie and Co., and though these flowers have always attracted me, I was delighted with the quality of the plants. They were grown in beds, one row representing each variety, and the colors ranged from white to a very rich red, some having one shade throughout, others two clearly defined hues, while still more had beautifully spotted throats.

I made a very brief selection of those that appeared to me to possess all the most desirable attributes. Rachel, white delicately suffused with rose, is an exquisite flower of good size, and very substantial. Strikingly handsome is Ambroise Thomas, cerise red, with pure white throat striped crimson. Dr. Chantemesse is soft rose with a white throat; it is one of the best of the pale-colored forms. Named after one of the active principals of the firm of Dobbie it is perhaps needless to say that William Cuthbertson is one of the finest of pentstemons. The color, glowing scarlet-crimson, above a milk white throat, makes this variety one of the most conspicuous even amidst such a splendid collection. The only other specially noted was Miss Willmott, which is rosy cerise, with a penciled throat; this is exceptionally free-flowering.

The requirements of pentstemons during the summer are on a par with the demands made by the justly admired perennial phloxes. The deeper the soil can be worked, incorporating with the lower spit some well-decomposed manure, the better will be the flowers in respect of color as well as size and form, and the longer will be the display. Light surface hoeings in droughty weather are very advantageous, as are surface dressings of short manure in positions where such are permissible. If copious waterings can be given when the soil is becoming dry, and the weather is hot, so much the better. Treat the varieties named, or others, in a generous manner, and one may safely assert that their culture will bring abundant satisfaction.—H. J. Wright in Gardener's Magazine.

JAMESTOWN, N. Y.

On the eve of Decoration Day it would be hard to find a much busier place than the Lakeview Rose Gardens where the shipments of cut flowers and flowering plants are only equaled by Easter and Christmas. Carnations and roses by the thousands. Mrs. Lawson is queen over all with Joost and Marquis pressing closely for honors. Accompanied by Walter Mott, of the Seed Co., we made a tour of the plant, which has assumed enormous proportions and is destined to expand yet more. The stock of palms and ferns is large and increasing. Stock looks healthy and clean, evidently "eausperleptha" is used to advantage. Mr. Roney, whom we found mixing up a quantity for shipment, assured us it is without a doubt the finest insecticide he has ever handled in his many years' experience.

The trial grounds of the new Seed Co. are adjacent and promise to be highly interesting during the coming summer. Several hundred kinds of flower, vegetable and field seeds are being tested. The germinating qualities are already proved to be first class. Walter reports a very satisfactory business thus far. Mr. J. M. Gasser, of Cleveland, was also an interested visitor. E. A.

Greensburg, Ind.—Draper & Clark have succeeded to the greenhouse business of Hedges & Clark.

GERANIUMS!

Alphonse Ricard, Beaute Poitevine, Dble. Gen. Grant, Centaurea, Grand Chancellor, John Doyle, Gen. de Boisdeffre, Le Cid, Mme. Jaulin, Miss F. Perkins, Marquis de Montmort, Mme. Barney, Mme. Laudry, S. A. Nutt, Granville, Jacquerie, L'Aube, Mrs. E. G. Hill, Single Gen. Grant, at $2.0c per 100, strong, from 2¼-inch pots.

Ivy Geranium in good variety, $2.00 per 100. Jean Viaud, Mme. Charotte and Mme. Canovas, strong, from 2¼-inch pots, $3.00 per 100. Write for special prices on large lots.

1,000 our selection of 5 to 10 varieties for $15.00
10,000 " " " " " $135.00

Variegated-leave Geranium, in var., $3.00 per 100.

Caladium Esculentum, 4 to 6-in., $1.00.
Alyssum, Giant Double and Dwarf Double, from 2¼-in. pots, $2.0 per 100.
Achyranthes Emersonii, 2-in. pots, $2 per 100; rooted cuttings, 75c per 100.
Alternanthera, from 2-in. pots, $2.00 per 100.
Ageratum, Stella Gurney, 2-in. pots, $2.00 per 100.
Heliotrope, from 2-in. pots, $2.00 per 100.
Coleus, 20 standard varieties, 2-in. pots, $2.00.
Cannas, in varieties, 3-in. pots, $5.00 per 100.
Swainsona Alba, 2-in. pots, $2.00 per 100.
Chrysanthemums, pompons, best collection known, 2¼-in. pots, $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.

CHRYSANTHEMUMS.

Standard Varieties.

Bonnaffon, Cullingfordii, Eureka, J. H. Woodford, Minerva, Mrs. Jerome Jones, Mrs. J. D. Whildin, Modesto, Mrs. S. T. Murdock, Mrs. John J. Glessner, Mrs. R. McArthur, Mrs. H. Weeks, Mrs. O. P. Bassett, Niveus, Rose Owen, V. H. Hallock, Prince of Wales, large-flowering, hardy white.

2½-in. pots, 30c per doz.; $2.00 per 100.

SPECIAL PRICE on CHRYSANTHEMUMS:

1,000 our selection of from 10 to 20 kinds, for $15.00
Write for prices on large lots.

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

OUR SEEDS Grow!

and will be found true to name.

See our Adv. in last week's Issue for choice strains of Pansy and Primula.

Are you in the market for Palms?

If so, send for our price list of well-grown stock.

Walter Mott Seed & Bulb Co.,

JAMESTOWN, N. Y.

Mention The Review when you write.

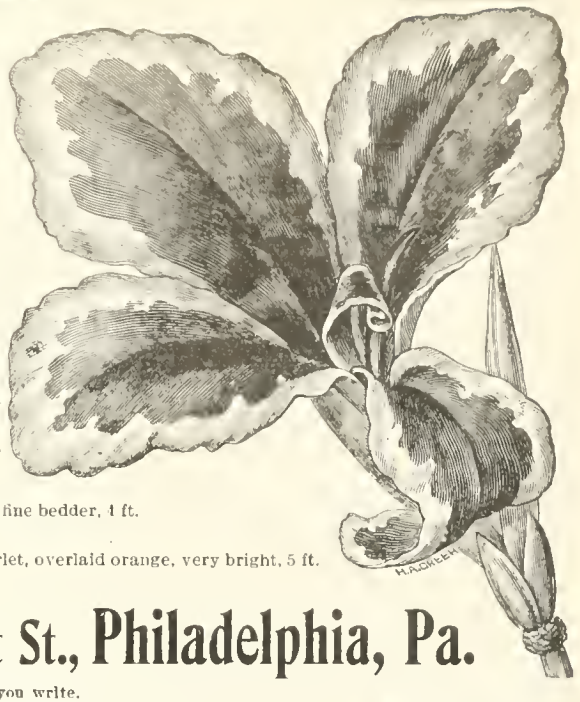
Always Mention the....

Florists' Review

When Writing Advertisers

Dreer's offer of Cannas

The following varieties can be supplied in strong plants from 3-inch pots, well established for quick effect, $5.00 per 100; $40.00 per 1000.....



Alsace. Sulphur changing to white, 4½ ft.

Bronze Seedling. Rich bronze foliage, currant-red flowers, one of the best dark-leaved varieties, 4½ ft.

Luray. Pleasing deep rosy pink, 4 ft.

Mme. Crozy. Standard gilt-edge red, 4 ft.

Mlle. Berat. The best pink bedder, 4 ft.

Robert Christy. Bright orange-red, fine, 4½ ft.

Souv. de Antoine Crozy. Intense scarlet crimson, rich golden-yellow edge.

Souv. de President Carnot. Vermillion scarlet with bronze foliage, 6 ft.

Souv. de Mme. Leonie Vinot. Carmine with yellow edge, a fine bedder, 4 ft.

Wilhelm Bofinger. Rich scarlet, overlaid orange, very bright, 5 ft.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

FINE STOCK OF GERANIUMS, ETC.

Geraniums. 2½-in. pots, in bud and bloom, of the following varieties:
KING OF THE SCARLETS,
COMMODORE NUTT,
MADAME BRUANT,
LA FAVORITE.

Strictly first-class; not drawn up; well foliaged, ready for immediate planting; equal to most of the 3-inch stuff sold. $3.00 per 100; $25.00 per 1000.

Moonflowers. 3-in. pots, well staked (not seedlings), $5.00 per 100.

Mme. Salleroi Geraniums. 2½-in. pots, $2.50 per 100.

Heliotrope. 3-in. pots, $4.00 per 100.

Coleus. Extra fine lot. 2½-in., $2.50 per 100; $20.00 per 1000.

Rooted cuttings **UMBRELLA PLANTS,** $1.00 per 100.

Rooted cuttings **PILEA** or **ARTILLERY PLANT,** 50 cents per 100.

Asparagus Sprengeri. 4-in. pots, $6.00 per 100; 3-in. pots, $4.00 per 100.

All the above is strictly first-class stock, and no drawn up, or weak, plants in the lot.

Cash with order. Satisfaction Guaranteed.

CRITCHELL'S,

Avondale, CINCINNATI, OHIO.

Mention The Review when you write.

TOMATO PLANTS.

Beauty, 15c per 100; $1.25 per 1000. Burpee's New Quarter Century, 20c per 100; $1.50 per 1000.

Cabbage—Early Jersey Wakefield, selected, $1.25 per 1000. **Pepper**—Ball-nose, Sweet Mountain, 20c per 100. **Allegheny Hollyhocks**—mixed colors, 25c per 100. **Smilax**—2-inch, $1.00 per 100; 3-inch, $2.50 per 100. Cash please.

MRS. GRISWOLD, WORTHINGTON, O.

Mention The Review when you write.

Plants! Plants!

Daisies, 50 cts. per 100; $3.00 per 1000. **Pansies,** once transplanted, 60 cts. per 100; $3.00 per 1000; extra large plants in bud, $1.00 per 100; $8.00 per 1000. **Asparagus Sprengeri,** from flats ready for potting, $1.00 per 100; $8.00 per 1000; 2¼-in., $1.50 per 100. **Smilax,** 2-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

WHOLESALE GROWERS .....OF..... Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.

WHOLESALE BULB GROWERS,

PETERSBURG, VA.

Mention The Review when you write.

HERE GOES 50,000 Plants

Alternanthera, red, 2-inch	per 100,	$1.75
Ageratum, white and blue, 2-inch	"	1 25
Verbenas 2-inch	"	1.25
Vinca Variegata, 2-inch	"	2 00
" " 4 and 5-inch	"	8 00
Stocks, Snowflake, 2-inch	"	1.00
Geraniums, 2-inch	"	2.00
" 3-inch, branched	"	3.50
Geraniums, from shelf, equal to 4 or 5-inch pot plants. Can be packed light at	"	4.00
Petunia, double fringed, 2-inch	"	2.00

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

Cannas. Bouvier, Star of '91, Crozy, Florence Vaughan, Austria, etc., etc., mixed, from 4-inch pots, $6.00 per 100.

Coleus, J. Goode, Verschaffeltii, Beckwith Gem, etc., 2¼-inch, at $3.00 per 100; $25.00 per 1000.
Centaurea, 3-inch, at $3.00 per 100.
Salleroi, 3-inch, at $3.00 per 100.
Petunias, 4-inch, dble. and single, $7.00 per 100

CRABB & HUNTER, Grand Rapids, Mich.

SHASTA DAISY!

The Latest Floral Wonder.

Plants 25c each; $2.50 per doz.; $15.00 per 100; $100.00 per 1000. 25 at 100 rate, 500 at 1000 rate.

100 Seeds, 50 Cents.

California Carnation Co.

LOOMIS, CAL.

Special MUMS AND ROSES

40 leading commercial varieties of Mums—largest stock in the country—Col. Appleton, 2½-inch, $20.00 per 1000; R. C., $15.00 per 1000; Maj. Bonnaffon, 2½-in., $18.00 per 1000; R. C., $11.00 per 1000. 100,000 Maids, Brides, Gates, Meteors, Perles, Beauties.
25000 Stevia R.C. and 2½-in., plants.

Printed Price List mailed on application.

POEHLMANN BROS. COMPANY,
Morton Grove and Chicago, Ill.

Asters in pots, $1.00 per 100

SEMPLE'S, COMET, VICTORIA, TRUFFAUT'S PAEONY PERFECTION,

Three colors of each variety.

J. B. SHURTLEFF, Jr.,
REVERE, MASS.

Mention The Review when you write.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.

Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo.

LEO NIESSEN, Wholesale ...Florist

PAEONIES

N. W. Cor. 13th and Filbert Sts., PHILADELPHIA, PA.

Store closes at 8 P. M. during June. Mention The Review when you write.

Tuberous Rooted BEGONIAS IN SEPARATE COLORS. Special Clearance Prices.

BULBS IN SPLENDID CONDITION AND TRUE TO COLOR.

Single White, Red, Pink and Yellow.....per doz., 25c; per 100, $1.50; per 1000, $14.00
Double Mixed, all colors....per doz., 40c; per 100, $3.00
25 bulbs at 100 rate; 250 at 1000 rate.

See offer of Cineraria, Calceolaria, Chinese Primrose and Pansy in last week's Review.

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

BALTIMORE.

Trade and Personal Notes.

Last week was among the dullest on record, this being due to the abundance of outside stuff and the exeessive heat. There was little demand for flowers for funerals, weddings or social affairs. On Saturday some of the stores say things brightened up considerably, but today (May 26) the heat is oppressive again, after a good shower yesterday, and dullness is general.

Pæonies and outdoor roses monopolize the market and the windows and streets are full of them. Some of the newer varieties of pæonies in the stores of the Charles street florists attract deserved attention, their color, size and contrasts of shades being very effective.

Carnations are much less in demand than a week or two ago and prices are declining correspondingly. Of the great quantities of roses sent in only a small percentage sells, many being poor in quality and not a few showing the disfiguring finger marks of mildew. There are still some good American Beauties coming into market. Sweet peas seem to have lost their favor and very little hardy stuff is selling through the Exchange.

Decoration Day does not add much to the volume of trade in this latitude. There is so abundant a supply of outdoor flowers, and custom has made their giving so general, that the stores get little out of the day's observance.

Some building is in progress. John Cook is putting up a new Marie Louise violet house 11x150 feet, and is remodeling some of his old structures, compacting them for more convenient firing, a new boiler being required.

Richard Vincent, Jr. & Son are about building three large new houses for vegetable plants. Their celery beds occupy several acres.

A wedding for June 11 has some interest for the trade. Miss Rose F. Cook, daughter of John Cook, marries Thomas John McCormick, son of John McCormick, both long and widely known florists.

R.

An illustration of the giant pansy Mme. Perret has been sent us by Mr. H. Beaulieu, Woodhaven, N. Y., who is introducing it in America. It was awarded a gold medal at the Pan-American Exposition, the seed being supplied by Mr. Beaulieu.

Chester, Pa.—Herbert Shaw has been awarded the contract for planting the flower beds at the Newark station on the B. & O. R. R.

Chippewa Falls, Wis.—Thomas Kelly has purchased land and will erect greenhouses at corner of Grand avenue and Bay street.

Toledo, O.—Geo. A. Heinl had a crush at his annual "special sale" of bedding plants. He offered plants "at five cents apiece, cash, and not delivered." An immense number of plants was sold.

Washington, D. C.—The American Rose Company had the honor of supplying their Ivory rose for the Rochambeau dinner at the White House, May 23, also 2,000 Crane carnations which they received from S. S. Pennock of Philadelphia.

Westerly, R. I.—William W. Foster, of 88 High street, has a force of men at work on the Foster farm on Beach street, putting in the foundations for two greenhouses each 22x200, boiler house, etc. He will make a specialty of carnations.

Alexandria, Ind. — The Alexandria Greenhouse and Floral Company has been merged into a stock company and stock to the amount of $5,000 has been subscribed. E. W. Morland will be manager, with J. G. Brannum, A. H. Jones, S. J. Mack, Virgil Wilson, F. P. Boyd, D. C. Jordan, Joseph Hall, J. H. Frank and J. F. Merker as stockholders.

Linville, N. C.—C. W. Burleson & Son have purchased the galax leaf business of Chas. H. Ricksecker and will continue same. W. C. Franklin, who was with Mr. Ricksecker for many years, remains as manager for Messrs. Burleson & Son. Mr. Ricksecker has removed to Hutchinson, Kan.

Parkersburg, W. Va.—Gustav Obermeyer has sent some plants of his new canna, "West Virginia," and his new geranium, "Mrs. Gov. Jackson," to Asheville to be planted out for the inspection of the members of the S. A. F. in August.

Marion, Ind.—The Marion Floral Co. have been unusually successful with roses, one house of Beauty and Bridesmaid being said by all who have seen it to be the best in the state.

Kingston, R. I.—L. F. Kinney has issued a neatly printed and illustrated pamphlet on rhododendrons, showing various ways of grouping these showy plants.

Grandville, Mich.—George Conklin has purchased five acres of land here and is erecting three large greenhouses and a fine residence.

George M. Moss

WHOLESALE FLORIST.

Beauties, Brides, Maids, Carnations, Daisies, Sweet Peas, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

EDWARD REID

WHOLESALE FLORIST.

Everything Seasonable for COMMENCEMENTS and WEDDINGS.

1526 Ranstead Street, PHILADELPHIA.

Store closes at 6:30 P. M. during June.
Long Distance Telephone.
Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

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Eugene Bernheimer,

WHOLESALE FLORIST,

SPECIALTIES:

Carnations, Roses and Valley.

1604 Lndlow Street,

Long Distance Telephone. PHILADELPHIA, PA.

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PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

Mention The Review when you write

SELECTED STRAINS OF Flower Seeds FOR FLORISTS.

Primula Chinensis, Obconica Grandiflora, Forbesii and Stellata.

Write for catalogue.

W. C. BECKERT, Seedsman, Allegheny, Pa.

Mention The Review when you write.

Michigan Seed Co.

WHOLESALE GROWERS

GLADIOLUS, DAHLIA and CANNA

Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

PETER REINBERG

51 Wabash Ave., CHICAGO.

Grower and Wholesaler of **Cut Flowers.**

HEADQUARTERS FOR AMERICAN BEAUTY.

800,000 SQUARE FEET OF GLASS.

Will have a large supply **For June Demands.**

GET YOUR ORDERS IN EARLY.

Mention The Review when you write.

5000 GERANIUMS 5000

Extra fine plants of S. A. Nutt, Ricard, Harrison and Poitevine. from 3½ and 4-in. pots, at $75.00 per 1000.

3000 COLEUS AND SALVIA SPLENDENS 3000

from 2½ and 2¼-in. pots, at $3.00 per 100.

These plants are all strictly first class and have been grown with plenty of room; do not class them with those grown in closely crowded houses. Cash with order please.

GEO. E. BUXTON, Nashua, N. H.

Mention The Review when you write.

PERLES.

THE FINEST I ever bought anywhere was the expression used by a prominent grower this week.

Write about them or any other ROSES you may want to

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

CHRYSANTHEMUMS!

Timothy Eaton, from sand, $2.50 per 100; 2¼-inch pots, $3.75 per 100.

Col. D. Appleton, 2¼-inch pots, $3.00 per 100.

VINCA VARIEGATA, out of 2 and 2¼-inch, very strong, $2.50 per 100; 3 and 3½-inch pots, with 4 to 5 runners and more, $6.00 and $10.00 per 100.

G. HANSON, 1021 S. Cameron St., **Harrisburg, Pa.**

Mention The Review when you write.

YOU WILL FIND.....ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

Geraniums!

	Per 100
10 var., my selection, 2½-in. pots	$ 2.50
Primroses — Obconica, Chinese and Forbesii, ready July 1	2.00
Cannas, 8 var., 4-in. pots	10.00
Seedling Petunia, 2½-in. pots	3.00
Asparagus Sprengeri, 2-in. pots, ready June 15	2.00
Asparagus Plumosus, ready June 15.	3.00
Smilax, ready June 15	1.50

CASH OR C. O. D.

JOS. H. CUNNINGHAM,

DELAWARE, OHIO.

Mention The Review when you write.

CASSIA FALCATA.

Not a new plant, but a good, rare old one.

Blooming equally profuse at the same time and a good companion plant to grow with Salvia Splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar.

$1.50 per dozen; $10.00 per 100.

J. T. TEMPLE, Davenport, Ia.

Mention The Review when you write.

Chrysanthemum Plants

Out of 2½-in. pots. Fine strong plants.

Timothy Eaton....5c	Yanoma.....4c
Malcolm Lamond..5c	Modesto 4c
Major Bonnaffon..3c	Harry Parr 3c

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$6.00 a 100, in bud and bloom.

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Geraniums.

Pot plants that are very fine, and rooted cuttings of the following varieties: S. A. Nutt, Double and Single Grant, La Favorite, E. G. Hill, A. Riccard, P. E. Crozy, Red Bruant, Mme. Jaulin, Grand Chancellor, America and Mountain of Snow.

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READY JULY 1st.

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ST. PAUL.

The weather during May has been very changeable, which is not conducive to the best results in the florist's line. But we are fortunate in escaping the frosts of the east, the floods of the west and the deadly cyclones of the south. The intensely hot weather of the past two weeks has brought blooms out in a hurry, sacrificing quality for quantity, but there has been enough stock to go around and sales have been fully up to the average of former seasons.

Roses have suffered from the heat, especially the Liberty, which does not prove ideal for summer shipping. The buds open up too rapidly and when once opened are too single. As a shipper it bears no comparison to the Meteor. Some early planted Kaiserin and Carnot are now coming in at a very acceptable time. Carnations have been somewhat hurt by the heat, Lawson especially being badly spotted and discolored. This seems to be another idol which has fallen by the wayside at the advent of warm weather. Outside valleys are now in and are the finest they have been for many years. The demand for Decoration Day will be unusually heavy.

The bedding season has commenced in earnest and everybody is as busy as the proverbial bee in the tar bucket. Prices are somewhat better than in former years. As usual geraniums are the favorites, retailing at $1.50 to $2.00 per dozen for 4-in. pots. S. A. Nutt is the most popular variety, Dryden, the new salmon pink, being a close second. Cannas are also in good demand though we think they will never become as popular as geraniums.

Shipping trade is reported unusually good. Decoration Day orders are coming very freely with every indication of a record breaker for the occasion. Flowers will be fairly plentiful. In outside stock there will be snowballs and valley in this section. Lilacs are all gone and paeonias not yet in bloom.

Recent callers were G. C. Eldering, of W. J. Eldering & Son, Holland; H. E. Philpott, of Winnipeg, Man.

L. L. May & Co. have received a carload of glass for the erection of their new range of houses. In addition to erecting three new houses they will rearrange and rebuild several others.

It is rumored that Chris Hansen has rented his place to a well known grower in Minneapolis.

The greenhouses at Oakland Cemetery are overflowing with choice bedding stock. O. H. Nordquist is superintendent and one of the best plant growers in the country. The cemetery comes into direct competition with the growers and as the Cemetery Association pays no taxes considerable complaint is heard.

X. Y. Z.

FLINT, MICH.—D. P. Smith has purchased the MacIntyre greenhouses and is removing them to his place on East street. This will give him an addition of 10,000 feet of glass, making 20,000 feet in all. The new part will be devoted to carnations, mostly fancy sorts. Trade has been good and prices better the past winter.

READING, MASS.—The Reading Nursery has issued some additional booklets on plants and landscape work, all very handsomely illustrated. One is devoted to "The Mountain Laurel and Its Uses," and another to "Landscape Effects."

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

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Ageratums, 2 varieties, blue; fine plants in bloom, 3-in., $3.00 100. Crown Point Floral Co., Crown Point, Ind.

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Alternantheras, red and yellow. Strong rooted cuttings, 50c per 100, $4.00 per 1000; 2-in. pots $1.50 per 100. Davis Bros., Morrison, Ill.

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Single Gen. Grant Geraniums, 3½-in.	$4.00
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E. G. Hill, Double Gen. Grant, La Favorite, Mrs. J. M. Gaar, 3½ in.	4.00
E. G. Hill, Double Gen. Grant, La Favorite, Mrs. J. M. Gaar, 4 in.	5.00
E. G. Hill, Double Gen. Grant, La Favorite, Mrs. J. M. Gaar, rooted cuttings	1.00
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Petunias, single blotched, fine, 2¾-in.	3.75
Petunias, Golden Feather, fine	3.00
Coleus Golden Bedder and others, clean and healthy, 2¼-in.	2.50
Alternantheras, red and yellow, 2¼-in.	2.00

The above stock is first-class; if not as represented money refunded. Cash with order.
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Geraniums, 4-in., $5.00; Salvias, 3-in., $3.00; 2½-in., $2.00; Begonias, flowering, 3-in., $3.00; 2¼-in., $2.00; Vernon, 2¼-in., $2.00; Sweet Alyssum, 2½-in., $2.00; Saxifraga, 3-in., $3.00. Cannas—Charlotte, Henderson, Bouvier, Flamingo, Deose and others, 4-in., $5.00; 3-in., $3.00. Petunias, double and single, 4-in., $6.00. Verbenas, 3-in., $3.00. Ageratum, blue, 3-in., $3.00. Spotted Callas, in bloom, 5-in., $10.00; Bellis Perennis, fine plants, 75c. per 100; $5.00 per 1000. J. S. Bloom, Riegelsville, Pa.

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Alternanthera, red and yellow, 2½-in., 3c.
Moonvines, 4-in., 8c.
Verbenas, fine stock, 2½-in., 3c.
Will exchange for small Boston Ferns, Carnation cuttings, Small Palms, etc.
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Send for our revised list of miscellaneous bedding plants.
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Geraniums Nutt, Double and Single Grant, La Favorite, Hill, Beauty, Poitevine, 2½-in., $2.50, 3-in., $3.50, 3½-in. $4.00, 4-in., $5.00 100; all fine plants in bud and bloom. Cannas from soil, standard varieties, $3.50 100. Single California Giant petunias, 2½-in., in bloom, $2.00 100. Verbenas, $2.00 100. Alyssum and lobelia trailing, $1.50 100; transplanted from flats, $2.00 1,000 cash. Jas. Ambacher, Long Branch, N. J.

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Geo. H. Benedict, Yorkville, N. Y.

	Per 100.
Mme. Salleroi Geraniums, 2-in.	$3.00
Centaurea Gymnocarpa, 2-in.	2.00
Petunia, double pink	3.00
Coleus, rooted cuttings	.75
Begonia Argenteo-Guttata, 3-in.	3.00

Cash with order.
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Rex begonias, Lesoudsii and Clementina, $2.50 per 100. Begonias, Rubra, Thurstoni, Argenteo-Guttata, Alba Perfecta Grandiflora, $2.50 per 100. Other good varieties in assortment, $2.00 per 100. Schmidt & Botley, Springfield, O.

Begonias, tuberous-rooted, single, in 6 colors, $2.00 per 100; mixed, $1.80 per 100. Double, in 6 colors, $4.00 per 100; mixed, $3.50 per 100. N. Y. Market Gardeners' Asa'n., 39 Cortlandt St., New York.

Begonia Lucy Closson, $10.00 per 100. Louise Closson, 2-in., $4.00 per 100, 2½-in. $5.00 per 100. Bright rose-colored Rex; they sell on sight on account of the bright-colored leaves.
E. G. HILL CO., Richmond, Ind.

Begonias from 2½-in. pots. Carnot, $3.00; DeLesseps and Metallica, $2.50.
C. M. Niuffer, Springfield, O.

Rex begonias, 2-in., 4c; 2½-in., 6c. Begonia manicata at same prices.
N. O. Caswell, Delavan, Ill.

Rex begonias of assorted kinds, named; 2-in., $4.00 per 100.
Harry White, R. D. No. 6. Wabash, Ind.

Begonias, flowering, 10 best sorts, $1.50 100, $12.00 1,000. Good & Reese Co., Springfield, O.

Begonia Rex, best varieties, 2½ and 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

BOUVARDIAS.

Bouvardias, pink and white, 2-in., $3.00 100. C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Bouvardias, single and double—white, pink and scarlet—2-in., 35c doz., $2.50 100.
C. Eisele, 11th and Jefferson Sts., Phila., Pa.

BULBS.

Special clearance sale of TUBEROUS ROOTED BEGONIAS. Bulbs in fine condition and true to color. Single—White, red, pink and yellow, 25c doz., $1.50 100, $14.00 1,000; double, mixed, all colors, 40c doz., $3.00 100. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

Caladium esculentum, 4 to 6-in., $1.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Calla Ethiopica, fine bulbs, $3.00 100, $25.00 1,000. Good & Reese Co., Springfield, O.

CACTI.

Cereus flagelliformis, plants in bloom, $1.50 to $3.00 per doz. Fine plants, 50 for $2.00. Aloe picta, mixed sizes, 50 for $2.00. For cash only. Mrs. M. E. Patterson, Glendale, Cal.

Cacti and Succulents. Specialist, Importer and Exporter. Frantz De Laet, Contich, Belgium.

CALADIUMS.

Caladiums, 2 to 3-inch, 35c doz. Cash. Dann & Son, Westfield, N. Y.

CANNAS.

Cannas. Nothing but the best potted plants. Alsace, Queen Charlotte, $5.00 per 100. F. Vaughan, Mdlle. Bradt, $4.00 per 100. Austria and Chas. Henderson, $3.00 per 100. All good, strong plants, in 3-in. pots. A. B. Campbell, Cochranville, Pa.

Cannas. 75 Crozy, 30 Rob't. Christie, 60 F. Vaughan, 25 A. Bouvier, 50 Burbank, 50 Chas. Henderson. Plants in 3-in. and 4-in. pots, at $4.00 per 100. S. M. Harbison, Danville, Ky.

Strong, well-established plants, from 3-in. pots: Alsace, sulphur changing to white; Bronze Seedling, rich bronze foliage, currant-red flowers; Luray, deep rosy pink; Mme. Crozy, standard gilt-edge red; Mlle. Berat, the best pink bedder; Robt. Christy, bright orange-red; Souv. de Antoine Crozy, intense scarlet crimson, rich golden-yellow edge; Souv. de Pres. Carnot, vermillion scarlet with bronze foliage; Souv. de Mme. Leonie Vinot, carmine with yellow edge; Wilhelm Bofinger, rich scarlet.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Strong plants of the following varieties, from flats: Shenandoah, Charles Henderson, Queen Charlotte, Italia, Star, Florence Vaughan, Austria, Peachblow, $3.50 per 100; $30.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Cannas Florence Vaughan, Queen Charlotte, $4.00 100; Chas. Henderson, Bronze Seedling, Austria, Burbank, Sunray, J. Mantell, Eldorado and Italia, $3.00 100. All strong plants from 3-in. pots.
W. A. WETTLIN, Hornellsville, N. Y.

Cannas, well started in 4-in. pots, at $6.00 per 100 of the following varieties: Alphonse Bouvier, J. D. Eisele, Allemania, Chicago, Compte Bouchard and Bassett's Red. H. N. Hoffman, Elmira, N. Y.

Cannas, 3 and 4-in. stock of Austria, Crampbell, Mme. Crozy and several others. All guaranteed good, $5.00 per 100. Cash please. J. A. Swartley & Sons, Sterling, Ill.

Cannas, Charles Henderson, Austria, Paul Marquant and Florence Vaughan, strong potted plants, $3.00 per 100. Schmidt & Botley, Springfield, O.

Cannas Pierson's Premier, Mme. Crozy, Henderson, Florence Vaughan and Queen Charlotte, 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

Cannas Henderson, Cleveland, Mme. Crozy, etc., 3 and 4-in., $4.00 per 100. James Frost, Greenville, Ohio.

3000 cannas, mixed; strong, fine stock, 4-in. pots, $5.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Cannas, Fl. Vaughan and Mme. Crozy, in 3 and 4-in. to be closed out cheap. Geo. A. Kuhl, Pekin, Ill.

Cannas, strong-growing, 3-in. Florence Vaughan, $3.00; Austria, $2.00.
C. M. Niuffer, Springfield, O.

Canna Austria, started plants, $1.25 100, $10.00 1,000. Good & Reese Co., Springfield, O.

50,000 Cannas. Pot now. $1.50 per 100 and up. List. Benj. Connell, West Grove, Pa.

Cannas, in variety, 3-in., $5.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Some strong cannas at $1.00 100. W. H. Gullett & Sons, Lincoln, Ill.

CARNATIONS.

Rooted carnation cuttings, clean and healthy.

	100.	1000.
Norway	$2.50	$20.00
Mermaid	1.75	15.00
Lorna	3.00	25.00
Queen Louise	2.50	20.00
Roosevelt	3.50	.....
Egypt	1.75	15.00

W. E. HALL, Clyde, Ohio.

ROOTED CARNATIONS. Estelle, $5.00; Lawson, $4.00; Marquis and Elm City, $2.00; Crocker and Lord, $1.00 per 100. Price of other varieties on application.
DANA R. HERRON, Olean, N. Y.

New carnations. Cressbrook and Fair Maid, from soil, $1.50 per doz., $10.00 per 100, $75.00 per 1000. H. Weber & Sons, Oakland, Md.

Send for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

Carnations. Send to us for prices on what you need.
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For rooted carnation cuttings write to John Brod, 349 W. North Ave., Chicago.

CASSIAS.

CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

CENTAUREA.

Centaurea candidissima, 2½-in. pots, $2.00 100. Crown Point Floral Co., Crown Point, Ind.

Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

Centaurea Dusty Miller, $1.50 100, $12.00 1,000. Good & Reese Co., Springfield, O.

CHRYSANTHEMUMS.

Chrysanthemums. Strong, healthy plants from 2-in. pots. Bergmann, Robinson, Weeks, Willowbrook, Ivory, Queen, Adele, Harry A. Parr, Mrs. C. H. Curtis, Rycroft Glory, Monrovia, Mme. Ferlet, Mrs. Seulberger, Mme. Carnot, Pride, Evangeline, Gladys Vanderbilt, White Swan, Jno. K. Shaw, Mary Molyneaux, Eulalia, Viviand-Morel, Helen Bloodgood, Mme. Felix Perrin, Walter Molatsch, Nesota, Nagoya, Chempwic, Sunstone, Fisher's Torch, Luciole, Black Hawk, Lady Hanham, Geo. W. Childs, White Bonnaffon, Lucie Faure, Capt. Gridley, Merry Xmas, J. Jones, Autumn Glory, Ada Prass, Bruant, Mrs. Baer, Yellow Mme. Carnot, Golden Wedding, Modeato, Maude Adams, Nyanza, Pitcher & Manda, Pride of Rycroft, 25c per doz.; $1.50 per 100.

Orizaba, Mrs. F. A. Constable, Silver Wedding, Col. D. Appleton, Lavender Queen, Superba, W. H. Chadwick, Mrs. Edmund Rogers, Marcia Jones, 35c per doz.; $2.00 per 100.

Iolantha, Omega, Timothy Eaton, Malcolm Lamond, Gen. Maceo, Mrs Elmer D. Smith, Intensity, 50c per doz.; $4.00 per 100.

5 per cent. off for cash with order.
LEWIS ULLRICH, Tiffin, Ohio.

Chrysanthemums.	Standard varieties.
Bonaffon.	Minerva.
Cullingfordii.	Mrs. Jerome Jones.
Eureka.	Mrs. J. D. Whilldin.
Modesto.	Murdock.
Mrs. J. J. Glessner.	Mrs. R. McArthur.
Mrs. H. Weeks.	Mrs. O. P. Bassett.
Niveus.	Roae Owen.
V. H. Hallock.	Prince of Wales, large-flowering, hardy white.
J. H. Woodford.	

2½-in. pots, 30c per doz., $2.00 per 100. 1000, our selection, of from 15 to 20 kinds, for $15.00.

Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.
R. VINCENT, JR. & SON, White Marsh, Md.

Clean, healthy stock in prime growing condition, $20.00 per 1000, our selection, from the following and other fine sorts:

	Per 100		Per 100
Adele	$2.50	Willowbrook	2.00
Bonnaffon	2.00	Yanoma	2.00
Bergmann	2.50	Ivory	2.00
Evangeline	2.50	Jno. K. Shaw	2.50
Golden Wedding	2.50	Mrs. E. G. Hill	2.50
Glory Pacific	2.00	Mrs. Perrin	2.50
White Pacific	2.00	Mrs. Duhme	2.50
Mrs. Robinson	2.00	Mrs. Murdoch	2.00
Mrs. Bassett	2.00	Mrs. Weeks	2.00
Mary Hill	4.00	Mrs. J. Jones	2.00
Kate Broomhead	4.00	Marion Henderson	2.00
Nagoya	2.00	Monrovia	2.50
Rieman	4.00	Mayflower	2.50

C. HOLST, fine early white originating in New Orleans, 35c each, $25.00 100.
E. G. HILL CO., Richmond, Ind.

Chrysanthemums, fine clean stock for immediate planting.
COL. APPLETON, 2½-in., $3.50 100; rooted cuttings, $2.50 100.

Henderson,	
Glory of Pacific,	Pres. Smith,
Mrs. Weeks,	Lincoln,
Bonnaffon,	Mrs. A. Hardy,
Merry Christmas,	White Jerome Jones,
Yellow Queen,	Yellow Jerome Jones,
Golden Wedding,	Mrs. Murdock,
Autumn Glory,	Maud Dean,
Yellow Mayflower,	Mrs. Bassett,
Mrs. Perrin,	White Ivory,
Robinson,	Pink Ivory.

Prices: 2½-in., $2.50 100, $20.00 1000; rooted cuttings, $2.00 100, $15.00 1000. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

Chrysanthemums. Fine, strong plants from 2½-in. pots. Per 100:

T. Eaton	$4.00	Geo. S. Kalb	$3.00
N. Pockett	8.00	Ivory	3.00
Lady Roberts	8.00	Mrs. J. Jones	3.00
Mrs. E. D. Smith	6.00	H. A. Parr	3.00
Golden Beauty	8.00	R. Halliday	4.00
Mrs. Chamberlain	8.00	Bonnaffon	3.00
Bergmann	3.00	Philadelphia	5.00
Willow Brook	3.00	Pennsylvania	5.00
Merry Monarch	3.00	Modesto	3.00
Polly Rose	3.00	Nagoya	3.00
M. de Montmort	3.00	Xeno	3.00
Glory of Pacific	3.00	Childs	4.00
Lady Harriett	6.00	Intensity	4.00
Maud Dean	4.00		

H. WEBER & SONS, Oakland, Md.

Chrysanthemums.—W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Parks, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.

Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
R. F. Tesson, West Forest Park, St. Louis, Mo.

Queen, Higinbotham, Bonnaffon, White and Yellow Monarch, Pres. Smith, Pink Ivory, Lincoln, Halliday, Mrs. H. Weeks, Golden Gate, Egan, Modesto, Glory Pacific, Pennsylvania, Chadwick, Western King, and others, $1.00 per 100; $8.00 per 1000. Cash. Byer Bros., Chambersburg, Pa.

CHRYSANTHEMUMS — Continued.

NEW and CHOICE mums.
Col. Appleton ..$2.50 Timothy Eaton...$3.00
Mrs. E. D. Smith. 4.00 T. Carrington ... 4.00
Mrs. Coombs .... 6.00 Walleroo 4.00
Nellie Pocket, $6.00
Prices are per 100 rooted cuttings; not less than 25 of a kind sold. Terms cash or satisfactory references.
W. A. CHALFANT, Springfield, Mo.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Nivens, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.
MRS. J. W. CROUCH, Chattanooga, Tenn.

Rooted chrysanthemum cuttings from young plants—the kind that will grow; Timothy Eaton, $2.00 per 100; Col. Appleton, $1.75 per 100, and we prepay charges if you send the cash. A postal brings back your money if you are not satisfied.
WM. GEENEN, Kimberly, Wis.

Rooted cuttings of the following varieties of chrysanthemums now ready: Bonnaffon, Queen, Pitcher, Ivory, Lager, Jerome Jones, P. Rose, $1.00 per 100, $8.00 per 1,000, or 500 for $4.00. Same varieties in 2¼-in., $2.00 per 100. Cash with order.
F. E. Cremer, Hanover, Pa.

Chrysanthemums E. G. Hill, Robinson, Maud Dean, Yanoma, out of 2½-in. pots, $1.50; other varieties, $2.00 100. Col. D. Appleton, Modesto, Goldmine, Nagoya, out of 2½-in. pots, $3.00 100. Will exchange for cannas or palms. A. D. Montgomery, 1213 Broad St., Hazleton, Pa.

Chrysanthemum rooted cuttings. Marion Henderson, Maude Dean, Mrs. Weeks, Pres. Smith, Willow Brook, Ivory, G. Kalb, Glory Pacific, $1.00 per 100. Out of 2¼ and 2½-in. pots, $2.00 per 100. Cash with order. Wm. Schwan, 89 Risley St., Fredonia, N. Y.

20,000 mums ready to ship. Per 100: T. Eaton, $3.00; Col. Appleton, Kate Brown, $2.50; Maud Dean, Morel, Traimor L. Park, Ivory, Bonnaffon, $2.00; rooted cuttings at one-half above prices. Coolidge Bros., South Sudbury, Mass.

Chrysanthemums Timothy Eaton, Col. Appleton, Mrs. Weeks, Chadwick, Kalb and 40 other varieties, 3-in., $3.00 to $5.00 100. Same, 2½-in., $2.50 to $4.00. R. C.'s, $1.00 to $3.00 100. Extra fine stock. Geo. M. Brinkerhoff, Springfield, Ill.

2½-in. pot plants. Timothy Eaton, Col. D. Appleton, 1000 Robinson, 600 Bonnaffon, 1000 Maud Dean, 200 W. H. Chadwick, 200 Pennsylvania, 300 Ivory White, 300 Pink White, 500 Jerome Jones, 200 Glory of the Pacific.
Edward J. Taylor, Southport, Conn.

Chrysanthemums, fine, strong plants from 2½-in. pots ready for planting. Pink and white Ivory, Weeks' Lager, Bergmann, Maud Dean, Glory of Pacific, Bonnaffon, and Polly Rose, $2.50 per 100, $20.00 per 1,000.
Chas. W. Thompson, Bayonne, N. J.

Ready now, from 2¼-inch pots, $2.00 per 100. Cash with order. White Bonnaffon, Jones, white, Robinson, Ivory, Major Bonnaffon, Jones, yellow, Childs, Rieman, Perrin and others. Paul Fischer, Wood Ridge, N. J.

Col. Appleton chrysanthemums, 2½-in., $20.00 per 1000; rooted cuttings, $15.00 per 1000. Major Bonnaffon, 2½-in., $18.00 per 1000; rooted cuttings, $11.00 per 1000. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums, Timothy Eaton, Maud Dean, $2.50 per 100. Weeks, Bassett, Minerva, McArthur, Woodford, $1.50 per 100. Vinca var., 3-in., $2.50 per 100. Llewellyn, Olean, N. Y.

Chrysanthemums out of 2½-in. pots, fine strong plants: Timothy Eaton and Malcolm Lamond, 5c.; Modesto and Yanoma, 4c; Bonnaffon and Parr, 3c. John Wolf, Savannah, Ga.

Chrysanthemums. Timothy Eaton, from sand, $2.50 100; 2¼-in. pots, $3.75 100; Col. D. Appleton, 2¼-in. pots, $3.00 100. G. Hanson, 1021 So. Cameron St., Harrisburg, Pa.

Bonnaffon, White Ivory, White and Yellow Monarch, Pacific, Bergmann, 2-in, fine stock $1.75 per 100. Cash with order. Albion Place Nurseries, Paterson, N. J.

Chrysanthemum rooted cuttings, of Appleton, Glory of Pacific, Ivory and 12 other good sorts. Write for prices. Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemums, best standard varieties, 2½-in., 40c doz., $3.00 100; rooted cuttings from soil, $1.50 100.
C. Eisele, 11th and Jefferson Sts., Phila., Pa.

Chrysanthemums. A few choice 2-in. plants of Major Bonnaffon, Glory of Pacific and other leading varieties, $2.50 per 100.
Harry White, R. R. No. 6, Wabash, Ind.

Chrysanthemums from 2¼-in. pots. Timothy Eaton and Col. Appleton, by mail postpaid, 75c per doz.; express, $5.00 per 100.
JOS. E. BONSALL, Salem, O.

Rooted cuttings of TIMOTHY EATON chrysanthemum, $3.00 per 100.
BASSETT & WASHBURN, 76 Wabash Ave., Chicago.

Chrysanthemums. All good commercial varieties. R. C., $1.00 per 100; 2½-in., $2.50 per 100. Send for list. Krueger Bros., Toledo, O.

Col. Appleton chrysanthemums—500 3½-in., $4.00 100; 700 2½-in., $2.00 100. Cash. C. L. Howe, Dover, N. H.

Col. Appleton chrysanthemum plants from 2½-in. pots, $2.50 per 100. H. W. Field, Northampton, Mass.

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Large-flowered clematis, 2 year, dormant or from 5-in. pots, 18c; fine 1 year, 9c. C. paniculata, 2 year, dormant, 6c; from 5-in., 10c; extra from 6-in., 18c.
W. H. Salter, Rochester, N. Y.

Clematis, large-flowering varieties, strong plants, $4.00 doz. C. Paniculata, strong plants, 3-in., 75c doz., $5.00 100; 4-in., $1.50 doz., $10.00 100.
C. Eisele, 11th and Jefferson Sts., Phila., Pa.

Clematis, 12 choice kinds, large-flowering. From 4-in. pots, $2.00 doz., $16.00 per 100; 25 at 100 rate. F. A. Baller, Bloomington, Ill.

COBEAS.

Cobaea scandens, fine stock, 2-in. pots, $2.50 per 100. Cash. Wm. Bierstadt & Son, Springfield, Ill.

Cobaea scandens, 3-in., 18 inches high, $4.00 100. Crown Point Floral Co., Crown Point, Ind.

Cobaea scandens, 3-in., 50c doz., $4.00 100. C. Eisele, 11th and Jefferson Sts., Phila., Pa.

COLEUS.

Verschaffeltii, Golden Bedder, Golden Queen, $5.00 per 1000. Fancy mixed, brightest colors only, $4.00 per 1000. Giant leaved in variety, colors brilliant, grand, 75c. per 100. Topped strong branchy plants from soil, heavy rooted, for immediate planting, $1.50 per 100 in assortment. Daniel K. Herr, Lancaster, Pa.

Colens, the best from over 50 tested varieties—a good share of our own seedlings. Firetongue. Rooted cuttings, 60c per 100; 2½-in., large, stock, $2.50 per 100. Mayer & Sons, Willow Street P. O., Lancaster Co., Pa.

Glory of Autumn, Golden Bedder, Crimson Verschaffeltii, Queen Victoria, from 2¼-in. pots, strong and clean, $2.25 per 100; $20.00 per 1000. Rooted cuttings, $7.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Colens, elegant plants ready for immediate effect; best bedding sorts, $1.50 per 100. Cash with order. Mrs. M. Cavanaugh, Ionia, N. Y.

Coleus. Verschaffeltii, Yellow Queen, Golden Bedder, Klondike, Black Prince and mixed. Write Geo. A. Kuhl, Pekin, Ill.

Coleus, G. Bedder, R. Verschaffeltii and Queen Victoria, 2½-in., $2.50 100. C. A. Schaefer, York, Pa.

Coleus, 20 standard varieties, 2-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Grand selection of coleus, 2¼-in. pots. Rooted cuttings. Cheap. J. T. Cherry, White Hall, Ill.

Coleus. Extra fine lot of 2½-in., $2.50 per 100, $20.00 per 1000. Critchell's, Cincinnati, O.

Colens, 2½ and 2¼-in. pots, $3.00 per 100. Cash. Geo. E. Buxton, Nashua, N. H.

Golden Bedder, $2.50 per 100. Schmidt & Botley, Springfield, O.

Coleus, $2.50 per 100. W. H. Gullett & Sons, Lincoln, Ill.

CROTONS.

Aurea punctatissima, the freest grower of the Croton family; splendid for boxes or bedding; extra nice plants, $3.50 100.
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Crotons, choice sorts, $3.00 100. Good & Reese Co., Springfield, O.

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Cycas revoluta, in assorted sizes from 3 to 12 lbs., 10c per lb. Special prices on large quantities. J. M. Thorburn & Co., 36 Cortlandt St., New York.

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Cyclamen Giganteum. Extra strong July seedlings in separate colors.

	Per 100.
2½ inch pots	$ 4.00
3 inch pots	8.00
4 inch pots	12.00

LEHNIG & WINNEFELD, Hackensack, N. J.

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Dahlias, mixed, $3.00 100.
Levant Cole, Battle Creek, Mich.

Dahlias, 25 leading kinds, all named, including such as Burton, Livonl, Nymphaea, Lemon Giant, Fern Leaf Beauty, etc., from 2½-in. pots, $4.00 per 100, $35.00 per 1,000. Ask for catalogue.
DINGEE & CONARD CO., West Grove, Pa.

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Burbank's Shasta daisy. Plants, 25c each, $2.50 doz., $15.00 100, $100.00 1,000; 25 at 100 rate, 500 at 1,000 rate. California Carnation Co., Loomis, Cal.

Marguerite daisies, best white, $1.50 100, $12.00 1000. Good & Reese Co., Springfield, O.

Marguerite daisies, R. C., $1.50 per 100. Only a few thousand. Geo. Smith, Manchester, Vt.

Daisies, 50c 100, $3.00 1,000
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Dracaena indivisa, 6-in. pots; fine strong plants, $5.00 doz. Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, 2½-in. pots, fine, $1.50 100, $10.00 1,000. Good & Reese Co., Springfield, O.

Dracaena indivisa, 4-in., nice plants, 10c each, A. & G. Rosbach, Pemberton, N. J.

Dracaena indivisa, good stock, 2¼-in., $2.25 per 100. Hull Floral Co., Morris, Ill.

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Eulalia japonica, nice clumps, $4.00 per 100. For cash only. Mrs. M. E. Patterson, Glendale, Cal.

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100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
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Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000, Beard Bros., West Fort St., Detroit, Mich.

Ferns, mixed; leading and most useful varieties, $3.00 per 100. Strong Pteris tremula, $4.00 per 100. B. B. Baker, Norwood, Ontario.

Boston ferns, fine plants, 2½-in., $2.00 100, $10.00 1,000. Nephrolepis Wittboldii, $3.00 100. Good & Reese Co., Springfield, O.

Ferns for fern dishes, 2-in. pots, $3.00 100, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Ferns. Pteris tremula, Onychinum japonicum, Cretica and Ouvrardii. Write for special prices.
Levant Cole, Battle Creek, Mich.

Adiantums, Maidenhair ferns, strong clumps, 75c doz., $5.00 100.
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Boston ferns, bushy plants, 6-in., 50c each, $6.00 doz. John Welsh Young, Germantown, Pa.

Fern Balls, good size, $25.00; extra, $30.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

Nephrolepis cordifolia, 3-in., $4.00 100.
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Boston ferns in 2½ to 10-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

FEVERFEW.

Feverfew, $2.50 per 100.
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All the best northern-grown STRAWBERRY plants. We have about 30 of the best varieties; also other small fruit plants. Our prices are right. Our stock is right. Send for our spring list. Wilfrid Wheeler, Box 600, Concord, Mass.

FUCHSIAS.

Fuchsia, double white, Mrs. E. G. Hill, Rosanis Patri Glorie des Marches, $2.50 per 100. Fuchsias in good assortment, $2 per 100. Schmidt & Botley, Springfield, O.

Fuchsias, 10 best sorts, $2.00 100. Good & Reese Co., Springfield, O.

GARDENIAS.

Gardenia florida flo. pl., first-class outdoor-grown plants several times transplanted, well-rooted and branched, free from scale. First size, 24 to 36 inches, splendidly branched, in bud, $20.00 per 100; 2nd size, 18 to 24 inches, branched and budded, $15.00 per 100; 3rd size, 12 to 18 inches, branched, $8.00 per 100. Rooted cuttings from 2½-in pots, $2.00 per 100. B. H. RITTER, Port Royal, S. C.

GAZANIAS.

Gazania splendens, 3-in., bud and flower, $5.00 per 100. E. & C. Woodman, Danvers, Mass.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

GERANIUMS.

GERANIUMS in bud and bloom from 3, 4 and 5-in. pots, at $5.00, $8.00 and $10.00 per 100; new and standard varieties. Will make up collections of not less than five of each of the following: Mme. Landry, Mrs. E. G. Hill, Profusion, Jules Claretie, Bellerophon, H. De Barville, Dr. Despres, Prediction, Apothose, La Fraicheur, Mantau, De Feu, Mme. Goyeux, Marvel, Dr. Beaumetz, Mme. T. Noisette, Thos. Meehan, Jean Viaud.

CLYDE, the Decoration day seller, try it.

LITTLE PINK sells on sight; your customers will want it if you have it. BUY IT NOW. We also have strong vinca variegata from 3-in. at $5.00 100. Our stock is in prime condition—none better. W. E. HALL, Clyde, Ohio.

Here is what you want and we want room. GERANIUMS composed of S. A. Nutt, Richard Brett, La Pilot, Frances Perkins, Beaute Poitevine, Double Gen. Grant, Bruanti, Ruy Blas, Gloire de France, Centaurean, Alphonse Ricard, Margaret de Leyas, Jas. Gaar, Wunder, Granville, La Favorite, Mme. Bruant and several other varieties in 2¼-in. pots. We also have Rose Geraniums. We don't say that we have a hundred thousand, but we will be pleased to receive orders for a hundred, thousand or a hundred thousand at the following prices: $2.50 per 100, $25.00 per 1000, or $100.00 for 5000. Cash with order.

J. E. FELTHOUSEN, Schenectady, N. Y.

10,000 Geraniums. A fine lot of mixed pink Geraniums, single or double, in 4-in. pots and boxes, all in bud and bloom, at $7.00 per 100. S. A. Nutt and Gen. Grant, extra fine plants, $8.00 per 100. Cash with order, please. H. M. Woundy, New Canaan, Conn.

Fine pot plants and rooted cuttings of the following geraniums: Nutt, Dbl. and Sgl. Grant, La Favorite, Hill, Ricard, Crozy, Red Bruant, Mme. Jaulin, Chancellor, America and Mt. of Snow. Write for prices. Greene & Underhill, Watertown, N. Y.

A fine lot of assorted geraniums from 4-in. pots, mostly in bud and bloom: John Doyle, Alphonse Riccard, Mme. Jaulin, Mme. Barney, Gen. Grant, S. A. Nutt and Countess Castries, $5.00 per 100. Cash. R. Pabst, Rutledge, Del. Co., Pa.

Geraniums in variety, strong 2¼-in., $2.00 per 100. Jean Viaud, Mme. Charotte and Mme. Canovas, 2¼-in., $3.00 per 100. 1000, our selection, of 5 to 10 var., for $15.00. Variegated-leaved geraniums, $3.00 per 100.

R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, 2½-in., in bud and bloom. King of the Scarlets, Nutt, Bruant, La Favorite, $3.00 per 100, $25.00 per 1000. Mme. Salleroi, 2½-in., $2.50 per 100. Critchell's, Cincinnati, Ohio.

Geraniums from 4-in. pots. A fine mixed collection, consisting of Double Gen. Grant, S. A. Nutt, E. G. Hill, Beaute Poitevine, La Favorite. $6.00 per 100. Cash or C. O. D.

WILLIAM T. SIVER, Guilderland, N. Y.

Geraniums, 3½ to 4-inch; 20 leading varieties in single and double; every one in bud and bloom, $6.00 per 100. No better at any price. J. G. Reynolds & Son, 261 West Pulteney St., Rochester, N. Y.

Geraniums Mars, Charron, Nutt, Marvel, Mme. Landry, Mme. Charotte, Due d' Montmart, La Favorite and Countess de Castiers, 2-in., $3.00 100. N. Smith & Son, Adrian, Mich.

Geraniums, Double and Single Grant in bud and bloom, 4-in. pots, $6.00 per 100; 5-in., $7.00 per 100. Cash with order. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Geraniums, best scarlet and other good bedders; strong 2½-in., $2.00 per 100; 4-in., $7.00 per 100. Mayer & Sons, Willow Street, P. O., Lanc. Co., Pa.

Geraniums, 2-in., $2.00; 3-in., $3.50; from shelf, equal to 4 or 5-in. pot plants; can be packed light, $4.00 100. E. I. Rawlings, Quakertown, Pa.

Several thousand S. A. Nutt geraniums, in bud and bloom, from 4-inch pots, $6.00 per 100. Cash or satisfactory reference. J. J. Arnold, Homer, N. Y.

Geraniums, mixed—pink, white and scarlet, and pansies; free bloomers and good beddera. Write for prices on 1000 lots.

J. Dunn, Orrs Mills, N. Y.

Geraniums, best bedding varieties, 2½-in., $3.00 100. Mrs. Parker, 2½-in., 75c doz., $5.00 100.

C. Eisele, 11th and Jefferson Sts., Phila., Pa.

Extra fine plants of Nutt, Ricard, Harrison and Poitevine, 3½ and 4-in. pots, $75.00 per 1000. Cash. Geo. E. Buxton, Nashua, N. H.

10,000 Nutt geraniums, in bud and bloom, 3½-in., $6.00 100, 1,000 Mme. Salleroi, 3½-in., $4.00 100. Cash. C. L. Howe, Dover, N. H.

Geraniums, good varieties, 4 and 4½-in. pots, nice plants in bloom, $7.00 100; 3-in., $4.00 100. Crown Point Floral Co., Crown Point, Ind.

Geraniums in bud and bloom, strong plants out of 4-in., $6.00 per 100. Cash. R. Steger, 101 Newton St., Fredonia, N. Y.

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Geraninms, 1000 assorted; leading single and double, 4-in. pots, $6.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Geraniums, Mrs. Taylor, Cut Leaf and some other good ones, strong 2½-in., $2.00 100. C. M. Niuffer, Springfield, Ohio.

Geraniums, fine stocky plants in bloom, 3-in., $5.00, 4-in., $8.00 per 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

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Geraniums, good bedders, 2½-in, pots, $2.50 100. Coolidge Bros., South Sudbury, Mass.

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Fine-leaved rose geraniums, $2.50 100.

E. G. Hill Co., Richmond, Ind.

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Chater and Allegheny strains, finest colors, field-grown. $2.50 100. Shellroad Greenhouse Co., Grange P. O., Baltimore Co., Md.

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Lantana, Le Naine, best dwarf var., 2½-in., 40c. doz., $3.00 100.

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Trailing lantanas, $2.00 100.

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Finest Lily of the Valley pips from cold storage, $13.00 per 1000. H. N. Bruns, 1409-1411 West Madison St., Chicago.

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Lobelias, Emp. William, Pumila splendens and New White, 2½-in., 40c doz., $3.00 100.

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Lobelia speciosa, 2½-in. pots, $3.00 100. Crown Point Floral Co., Crown Point, Ind.

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Moonflowers, 3-in., well staked (not seedlings), $5.00 per 100. Critchell's, Cincinnati, O.

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Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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1,800 extra heavy myrtle plants from 2½-in. pots, $3.00 100, $25.00 1000; rooted cuttings from flats, $1.50 100. Chas. Schweigert, Niles Center, Ill.

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We have always on hand a stock of established and unestablished orchids. A number of vara., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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Double sweet-scented PAEONIES, splendid mixture, 2 to 5 strong eyes, 75c doz., $5.00 100. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.

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PAEONIES—September shipments.

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A fine lot of fresh seed.

Areca lutescens, box of 25,000 seeds.....$45.00

Cocos Weddeliana, box of 5,000 seeds..... 35.00

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Not less than 1 box containing the above-stated number of seeds will be sold. Lager & Hurrell, Growers and Importers of Orchids, Summit, N. J.

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	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

LATANIAS.

Plants to pot.	Leaves.	Per Plant.
2 to 4	18 to 22	$4.00
2 to 4	15 to 18	3.50
2 to 3	12 to 15	3.00
1 to 3	8 to 10	2.75
1	7 to 8	2.50

From 6-in. pots, 1 plant to pot, 16 to 18 inches high, 50c each.

Pandanus Utilis, 5-in. pots, $5.00 per doz.

J. Wm. Colflesh, 53rd and Woodland Ave., Philadelphia, Pa.

LATANIA BORBONICA. 20000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.

W. J. HESSER, PLATTSMOUTH, NEB.

Areca lutescens, strong, 3-in.....$6.00 per 100
Areca lutescens, strong, 6-in..... .50 each
Kentia seedlings, from flats, strong 8.00 per 100
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All clean, healthy stock.

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Palms, cheap to make room. Very large LATANIA BORBONICA, from 10 to 14-in. pots, $2.50 each. Cash.

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Palms from 2½-in. pots, such as Latania, Phoenix, Filifera, Livistona, etc., $2.50 100, $20.00 1000. Good & Reese Co., Springfield, O.

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Pandanus Veitchii, nice for vases, 6-in., $1.00 each. Also larger sizes.

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FANCY PANSY PLANTS.

Extra fine, stocky, September plants, transplanted and wintered in cold-frames, now in bud and bloom, $1.50 per 100, $10.00 per 1000.

H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
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Gold medal pansy, Mme. Perret, finest for cut flowers; won gold medal at Pan-American Exposition; the seed was supplied by me; same quality furnished; trade pkt. 50c, oz. $5.00. Giant Trimardeau, mixed, oz. $2.00. Other varieties at market prices.

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German Pansies. The Ne Plus Ultra strain is the best that money can buy. We have them in large quantities; grown in cold frames, and all transplanted. Fine plants in bud and bloom, $1.50 per 100; $12.00 per 1000. Andrews Bros., 2974 Detroit St., Lakewood, O. (near Cleveland).

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Double-fringed, 2-in., $2.00 100. E. I. Rawlings, Quakertown, Pa.

Seedling petunias, 2½-in., $3.00 per 100, cash.

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Double petunias, $2.50 per 100.

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Pilea or Artillery Plant, 50c per 100. Critchell's, Cincinnati, Ohio.

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Rhododeodrons. 500 clumps of Rhododendron Maximum, 6 to 8 ft. high, at $25 a doz. Prices of smaller clumps and Kalmias on application.

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California field-grown rose bushes; hardy, tender, own root, root grafted. We are booking contracts now for delivery winter and spring of 1904 in any quantity and variety wanted. Send us your list in variety, with quantity each wanted and we will make prices delivered. You can save money by contracting with us in advance. Further, you can make ample provisions for selling them. It will pay you to talk this matter over with us by letter, and the quicker you get about it the better. California Rose Co., Los Angeles, Cal.

Brides, Bridesmaids, Meteora and Golden Gates.

	1000
2-inch rose pots	$30.00
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Good, clean, well-established stock.

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ROSE PLANTS from 2½-inch pots.

	100	1000
Meteor	$3.00	$25.00
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3000 young roses, 2½-in.; good strong plants. Brides, Maids and Woottons, equally divided, $2.00 per 100. Also 2000 3-year-old Brides, Maids, Kaiserins and Woottons, 7c each. A. C. Anderson, Tipton, Ind.

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SUNRISE has always taken a premium wherever shown; will be planted more generally than last season; 2¼-in. pots, $10.00 per 100.

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Well-established rose plants from 2½-in. pots, Bridesmaid, Bride, Perle, Golden Gate and Meteor, $3.00 100, $25.00 1000.

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GRAFTED ROSES. Liberty, 3½-in. pots, $18.00 per 100. Bridesmaid, Brides, Golden Gates and Kaiserins, 3½-in. pots, $15.00 per 100. J. L. Dillon, Bloomsburg, Pa.

Crimson Ramblers, out of boxes from soil, fine stock, $2.50 100, $20.00 1000. Brides and Maids, 2¼-in. $2.50 100, $20.00 1000. Joseph Bradbury, South Orange, N. J.

American Beauties, 2¼, 2½ and 3-inch, 3-inch only ready for shipment. 2¼ and 2½-inch, $60.00 per 1,000. Myers & Samtman, Chestnut Hill, Philadelphia, Pa.

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ROSE PLANTS, 2½-inch:
Meteors, $2.50 per 100, $20.00 per 1000.
Maids, $3.00 per 100, $25.00 per 1000.
J. A. BUDLONG, 37 Randolph St., Chicago.

100,000 Maids, Brides, Gates, Perles, Meteors and Beauties. Send for price list. Pochlmann Bros. Co., Morton Grove, Ill.

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AMERICAN BEAUTY, 3-inch, $7.00 per 100. Allen & Ockerlund, 114 Winona Ave., Sta. Ravenswood, Chicago.

4,000 fine Bride and Bridesmaid, in 3½ and 4-in. pots, at $4.00 per 100, cash with order.

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Roses. Hardy monthly, 12 choice sorts, from pots, $1.50 doz., $10.00 100.

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Munetti stocks for fall delivery.

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PERLES, the finest ever grown. Geo. A. Kuhl, Pekin, Ill.

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Salvias, 2500 St. Louis and Wm. Bedman, 2½-in. pots, $2.50 per 100. Phoenix Nursery Co., Bloomington, Ill.

Salvia splendens, from 2-in., $1.50 per 100.

A. B. Campbell, Cochranville, Pa.

Salvia splendens, 2½ and 2¼-in. pots, $3.00 per 100. Geo. E. Buxton, Nashua, N. H.

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Saxifraga sarmentosa, fine for vase or basket. By mail, 10 for 30c; from 4-in. pots, by express, 8c each. Mayer & Sons, Willow Street P. O., Lanc. Co., Pa.

Saxifraga, fine for baskets and vases, $2.00 100. Good & Reese Co., Springfield, O.

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HERBACEOUS PHLOXES.

The very large collection of these beautiful hardy plants, in the Royal Horticultural Gardens, Chiswick, affords to the Fellows of the Society an admirable opportunity to make selections of what may seem to them to be the best varieties. With so many diverse colors or markings, it is but natural that selections should differ very much. Just as the tastes of the selectors differ, there seems to be no doubt but that pronounced colors produce the best general effect, although there are few varieties that do not seem to be charming when looked at closely. It is one of the excellent features of herbaceous phloxes, that if some plants or stems be pinched back early in their growth, they will branch out, and thus, if others remain untouched, to bloom early, greatly prolong the flowering season. Still further pinching tends to produce comparative dwarfing. Where several plants of a variety are grown, some of each variety can thus be stopped, and late bloom ensured.

To have good effects from phloxes in borders, plants should be put out in trebles anglewise, as if in that way a dozen heads be produced, the effect is very telling. Some young shoots taken off quite early in the spring, when but from 2 inches to 3 inches long, should be inserted into pots as cuttings every year, thus ensuring a continuous stock of young plants; a further advantage is that the new season's shoots are thus thinned, and that is beneficial, as stocks should not carry more than three or four stems at the most.

Plants from cuttings the first year may be finely flowered in 6-inch pots, in single stems, in cool houses or conservatories, or for outdoor groups, or they may be plunged into beds to fill vacant places. Then in the autumn they may be planted out into borders, to bloom for two years, after which they should be replaced by younger plants. Being somewhat free surface rooters, it is needful to give ample moisture as the plants age; the stems also become more crowded and tall each season.

With respect to varieties, a selection of a dozen made at Chiswick is thus: Sylphide, 30 inches, pure white, very fine; Berenice, pure white, 20 inches; Croix du Sud, white, red eye, very charming, 2 feet; Regulus, rich rosy carmine, 2 feet; James Bennett, pink, red eye, 2 feet; Parthenon, rosy lilac, 16 ins.; Cameron, white, rose eye, 2 feet; Coquelicot, brilliant vermilion, 30 inches; Comet, bright rosy pink, 2 feet; Montagnard, intense crimson red, 30 inches; Lebenger, red, shaded purple, 30 inches; and Fernando Cortez, reddish carmine, shaded rose, 2 feet.

A further selection of twelve, made a a few days subsequent to seeing the Chiswick collection, gave the following as very beautiful at Long Ditton: Avalanche, pure white, 18 inches; Les Delices, lilac, red eye, 18 inches; Henri Murger, white, with cerise eye; Marquis de Breteuil, carmine pink, 16 inches; Le Siecle, rosy carmine, 15 inches; Regulus, deep carmine, 18 inches; Jocelyn, deep scarlet, 18 inches; Le Macquart, purple, 16 inches; Robur, violet purple, 20 inches; Tempete, rosy carmine, shaded crimson, 2 feet; Paul Bert, white, flushed and shaded blue; and Souvenir d'Emile Leiberg, soft, clear pink, with magenta edge.—A. D., in Gardener's Chronicle.

NOTES ON SWEET PEAS.

The sweet pea is independent of insect or wind agency in its fertilization, being always self-fertilized. I have grown a large collection close to the bees, and have never found the varieties cross. The reason is fertilization takes place before the flowers expand. This can be easily proved by opening the flower bud at the proper time, when it will be seen that the anthers have burst and the pollen is free. To fertilize artificially with the view of obtaining new varieties, the flower bud must be forcibly opened at a still earlier stage and the anthers removed before they shed their pollen. This operation, and when to apply the foreign pollen, requires some experience to insure success.

The white and primrose-colored sweet peas have seeds of a light color, but Mrs. Sankey, an exception, has black or dark brown seeds, and, strange to say, Sadie Burpee has both black and light seeds; this will explain that white flowers from black seeds have a tendency to become tinted, a fault in the two white varieties I have mentioned. The pedicels of the flowers are also dark-colored from the black seeds, and pale green from the light, so that in a row of Sadie Burpee, the flowers, even in bud, can be traced to black or light seed. In the pale blue or lilac section, such as Countess of Radnor, the seeds are small, poor-looking, and wrinkled. The inexperienced might have some doubts as to their quality, but it is only a peculiarity of this particular color.

The standards of the beautiful salmon bi-colors, Gorgeous and Countess of Powis for examples, are often scalded or burnt by the sun. This is a fault difficult to deal with. I have tried various kinds of shading, but, unless very care-

fully done, this is apt to pale the flowers.

In some of the older varieties the standards were more or less reflexed; in the newer the tendency is just the opposite, to be too much hooded. The new rule of the National Sweet Pea Society says: "The standard must be erect, waved, or only slightly hooded." This advice is good. The variety I have found to produce the largest flowers is Triumph. The smallest and most singular is Red Riding Hood, which, some say, ought not to have been put in commerce. With me it is in much request, both by adults and children, and no wonder. I should be sorry to be without it.

I have been very successful with the dwarf sweet peas in single rows. In beds or masses they are not satisfactory. Pink Cupid is my favorite. I sow the seeds an inch apart in boxes about the middle of February, and plant them out when ready about six inches apart. On both sides of a grass walk, about a hundred yards long, I have had a single row of this variety for three successive years, and am preparing for a fourth. It requires about 1,200 plants, and when in bloom is one of the best features in the garden. The great fault of the Cupid sweet pea is the tendency it has to drop its buds before opening, and in beds this is especially the case. In single rows, with more light and air and frequent stirrings, it is not so bad. —George Stanton, in Gardener's Magazine.

MONTREAL, CAN.—Considerable building is being done, new houses being under construction by C. Campbell, Jos. Bennett, P. McKenna & Son, S. S. Bain, B. T. Gorman and Hall & Robertson. Walter Wilshire is now manager at the greenhouses of Mr. Campbell.

FARMINGTON, ILL.—Isaac Cook and wife have purchased the greenhouse and business of Mrs. Minnie Heaton.

Pandanus Veitchii,

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The Wabash will sell tickets from Chicago to Boston and return, June 12, 13 and 14, at very low rates. Tickets will be good going via Niagara Falls and Hoosac Tunnel Route, via Montreal, or via New York and rail or boat lines. Final return limit July 31. For rates, time cards and full information write F. A. Palmer, A. G. P. A., 97 Adams St., Chicago.

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Cut Flower Boxes

WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable, handy.** To try them once is to use them always.

DON'T USE OLD STORE BOXES.

If you have any doubt, send for samples, which speak for themselves.

Size No. 1	3x4½x16	$1.75 per 100;	$15.00 per 1000
" No. 2	3x6x18	2.00 "	18.00 "
" No. 3	4x8x18	2.40 "	22.00 "
" No. 4	3x6x20	2.75 "	25.00 "
" No. 5	4x8x22	3.00 "	28.00 "
" No. 6	4x8x28	3.75 "	35.00 "

The Livingston Seed Co., Columbus, O.

Box 104.

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EMPRESS OF INDIA

NASTURTIUMS,

600 of them and 400 other colors. Fine bushy plants, from 4-inch pots, at only $4.00 per 100.

Smith's Hyb. Moon Vines, 2½-inch pots, at $5.00 per 100. Cash with order.

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Pekin, Illinois.

You are short of something for stock, write Geo. A. Kuhl about it.

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CIRCULATION THAT DOES BUSINESS.....

"The proof of the pudding is in the eating."

BETHLEHEM, PA., Apr. 29, 1902.

FLORISTS' PUB. CO.,
Caxton Bldg., Chicago.

GENTLEMEN:—You will find enclosed check for amount due, $4.00. You have the best advertising paper in the country. I sold all my plants in two weeks by giving you my advertisement.

Yours truly,
J. L. ELLIOTT.

Asparagus Plumosus,

Strong plants from 2-inch pots, $4.00 per 100; $30.00 per 1000.

Asparagus Sprengeri,

Strong plants from 2½-inch pots, $3.00 per 100; $25.00 per 1000.

5,000 ENGLISH IVY,

Strong plants in 3-inch pots, $5.00 per 100; $35.00 per 1000.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

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Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

TOMATO—Stone, Royal Red, Perfection, Paragon, Favorite, Dwarf Champion and other varieties, 15c per 100; $1.00 per 1000.

EGG—New York Improved, 25c per 100; $2.00 per 1000.

PEPPER—Ruby King, Bull Nose, Sweet Mountain and other varieties 25c per 100; $2.00 per 1000; $15.00 per 10,000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.

If wanted by mail always add 10c per 100.
CASH WITH ORDER.

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SEEDSMAN,

247 S. Main St., LOS ANGELES, CAL.

SEEDS of Semple's Branching Aster, white, shell pink or lavender. The best Aster seed on the market. 50c per ounce **to clean out this year's seed,** mailed to any part of the U. S.

Write for quotations on Palm Seed, **Phoenix Canariensis, Reclinata, Seaforthea Elegans.**

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WILLIAM SCOTT

Is a book of 224 pages, and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half toue engravings. It is

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Price, $5.00 Carriage Prepaid. If you cannot spare the full price at once, write us for our monthly payment offer.

Florists' Publishing Co., CAXTON BUILDING, **Chicago.**

CATALOGUES AND PRICE LISTS.

Frantz De Laet, Contich, Belgium, special offers of cacti; A. B. Campbell, Cochranville, Pa., pot flowers and vegetable plants; I. L. Pillsbury, Galesburg, Ill., greenhouse and bedding plants; Geo. B. Moulder, Smith's Grove, Ky., pamphlet on "How to Grow Water Lilies from Seed;" Williams & Sons Co., Batavia, Ill., Wholesale list of florists' and nursery supplies, also tree and plant labels; State Nursery Co., Helena, Mont., price list of flower and vegetable seeds, fruit and shade trees, bedding and pot plants, palms, ferns, etc.; James M. Lamb, Fayetteville, N. C., trees, shrubs, greenhouse plants, bulbs, etc.

We have received a copy of "La Mosaiculture Pratique," by Albert Maumene, from the author, 84 bis Rue de Grenelle, Paris, France. It contains over 300 pages and is devoted wholly to the subject of carpet bedding. It is very freely illustrated and contains numerous plans for carpet bedding effects, two of them being colored plates. To anyone seeking new designs for carpet beds the book would be very helpful. The letter press is in French but the names of the plants being in the universal language would be just as useful to the English as to the French reader. The price in paper covers is 2 fr. 80, which with postage added would make the cost about 65 cents.

Rochester, N. Y.—A report published in a local paper to the effect that the seed firms of Mandeville & King, James Vick s Sons, Crosman Bros., Briggs Bros. & Co., and the Cleveland Seed Co., were to be consolidated is vigorously denied by representatives of the firms named. In an interview Mr. Mandeville said that his firm owned a controlling interest in the firm of James Vick's Sons and had recently purchased the business of the Cleveland Seed Co., but that each would be continued under its own name.

Pittsburg.—J. B. Murdoch & Co. have purchased 185 acres of land near Canonsburg, on the Chartiers Valley Railroad in Washington County, the consideration being $40,000. Plans are being prepared for two large greenhouses and a brick boiler house, to cost $25,000, to be built this summer, and another large greenhouse will probably be added this fall.

Brooklyn, N. Y.—Miss E. A. Burgess has been in the business in this city for twenty-seven years and has been entirely dependent upon herself, having neither father, husband or brother to help her. She thinks the business is a good one for a woman with artistic tastes.

Washington, D. C.—The large barn of the American Rose Company was totally destroyed by fire on the 21st, together with their two fine delivery wagons, harnesses and about $600 worth of hay and corn. Luckily the nine horses were saved. Loss, $3,500. Insurance, $800.

We have received from Mr. D. B. Long, Buffalo, N. Y., some samples of his cluster of roses tags. They are very pretty, the cluster of roses being printed in colors. One is the regulation tag shape and the other is oval in form.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.50	3.60	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	
" " strong	8	26 to 30	7 to 10	1.50	18.00	
Asparagus Sprengeri	2				.50	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Plu. Nanus	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6 00	
Pandanus Veitchii	5			1.00	12.00	
" "	6			1.50	18.00	
" "	7			2.50	30.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Nephrolepsis Bostoniensis	2				.50	4.00
" "	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	
" "	8				12.00	
" "	9				18.00	
" "	10				24.00	

Assorted Ferns, for fern dishes, 2-inch pots 3.00

Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

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we will fill orders for our **SUPERB COLLECTION of Ten Varieties,**

all Double Fringed Strong Plants from 2½-inch pots, in bud and bloom,

$1.50 per 100; $14.00 per 1000.

500 at 1000 rate.

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Cressbrook and Fair Maid, Strong, from Soil, $1.50 per doz.; $10.00 per 100; $75.00 per 1000.

CHRYSANTHEMUMS. Fine Strong Plants, from 2½-inch pots. **Ready Now.** Our selection, all good standard sorts, $20.00 per 1000. We have many other varieties than here listed. Send for complete list.

	Per 100		Per 100
T. Eaton	$4.00	R. Halliday	$4.00
Nellie Pockett	8.00	Major Bonnaffon	3.00
Lady Roberts	8.00	Philadelphia	5.00
Mrs. E. D. Smith	6.00	Pennsylvania	5.00
Golden Beauty	8.00	Modesto	3.00
Mrs Chamberlain	8.00	Nagoya	3.00
Mme. F. Bergmann	3.00	M. de Montmort	3.00
Willow Brook	3.00	Glory of the Pacific	3.00
Merry Monarch	3.00	Lady Harriott	6.00
Polly Rose	3.00	Maud Dean	4.00
G. S. Kalb	3.00	Xeno	3.00
Ivory	3.00	Geo. W. Childs	4.00
Mrs. J. Jones	3.00	Intensity	4.00
H. A. Parr	3.00		

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Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

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ALL THE BEST CARNATIONS

FORTY VARIETIES.

Nearly all from soil. Send for prices on what you need.

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"LAST CALL."

FOR ROOTED CARNATION CUTTINGS, ALL CLEAN AND HEALTHY.

		Per 100	Per 1000
5000	Norway	$2.50	$20.00
1000	Mermaid	1.75	15.00
1000	Lorna	3.00	25 00
1000	Queen Louise	2.50	20.00
500	Gov. Roosevelt	3.50	
1000	Egypt	1.75	15.00

See our special offer of **GERANIUMS** in Classified Department.

W. E. HALL, CLYDE, OHIO.

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F. DORNER & SONS CO., LaFayette, Ind.

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Watch this Space for Future Bargains.

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WE HAVE A FINE AND LARGE STOCK OF

KENTIAS, LATANIAS, ARAUCARIAS, ASPIDISTRAS, FERNS, BAY TREES and Miscellaneous **Decorative Stock.**

COOL GROWN AND IN EXCELLENT CONDITION.

CATALOGUE ON APPLICATION.

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Chrysanthemums

Fine clean stock for immediate planting, 2½-inch pots.

They will give cuttings if not wanted for single stems.

The following list we are ready to deliver at once:

COLONEL APPLETON, $3.50 per 100.

Henderson, Glory of the Pacific,
Robinson, President Smith,
Mrs. Weeks, Lincoln,
Major Bonnaffon,
Mrs. A. Hardy, Merry Christmas,
White Jerome Jones,
Yellow Jerome Jones,
Yellow Queen, Golden Wedding,
Mrs. Murdock, Autumn Glory,
Maud Dean, Yellow Mayflower,
Mrs. Bassett, Mrs. Perrin,
White Ivory and Pink Ivory.

Prices of the above:—**$2.50** per 100; **$20.00** per 1000.

Rooted Cuttings of above varieties—**$2.00** per 100: **$15.00** per 1000; except Appleton at **$2.50** per 100.

Cash with the order. Satisfaction guaranteed.

"CRITCHELL'S"

Avondale, CINCINNATI, OHIO.

Mention The Review when you write.

Large Latania Palm Plants.

3½ to 4 feet in Height and Diameter.

2 to 4 plants to pot,	18 to 22	leaves,	$4.00	per	plant
2 to 4 "	"	15 to 18	"	3.50	"
2 to 3 "	"	12 to 15	"	3.00	"
1 to 3 "	"	8 to 10	"	2.75	"
1 "	"	7 to 8	"	2.50	"

1 plant in 6-in. pot, 16 to 18 in. high, 50c "

Pandanus Utilis, 5-inch pots, $5.00 per dozen.

Dracaena Indivisa, 2 and 3 plants to pot, 2 ft. high, $4.00 per dozen.

Asparagus Plumosus, heavy strings 6 to 7 ft. long, 50 cents per string.

J. WM. COLFLESH,

53rd Street and Woodland Avenue, **PHILADELPHIA, PA.**

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GROWER .....OF **Palms, Etc.**

Send for Price List.

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Philadelphia Palms.

JOSEPH HEACOCK,

WYNCOTE, PA. **Offers the following:**

ARECA LUTESCENS:

6-inch pot, 3 plants, 20 to 22 inches high .....75c each; $75.00 per 100
6-inch pot, 3 plants, 24 to 26 inches high .....$1.00 each; $100.00 per 100
8-inch pot, 3 plants, 30 to 36 inches high .....$3.00 each
10-inch pot, 3 plants, 42 to 45 inches high ..... 5.00 each

KENTIA BELMOREANA:

6-inch pot, 6 leaves, 24 inches high .....$1.25 each; $15.00 per doz.
6-inch pot, 6 to 7 leaves, 26 to 28 inches high..... 1.50 each; 18.00 per doz.
8 inch pot, 6 to 7 leaves, 30 to 32 inches high..... 3.00 each; 36.00 per doz.
8-inch pot, 6 to 7 leaves, 36 to 40 inches high..... 4.00 each.

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Seasonable .....Stock.

Geraniums- 2-in. pots, strong, including Mars, Hubert Charron S. A. Nutt, Marvel, Mme. Landry, Mme. Charotte, Duc. d'Montmart, La Favorite and Countess de Castiers. $3.00 per 100.

Begonia Rex- Best varieties, in 2½ and 3-in. pots, $5.00 per 100.

Pelargoniums- Latest novelties, $10.00 per 100.

Feverfew- (Matricaria)—$2.50 per 100.

Phalaris- Arundinacea Var. for bordering Canna beds, $4.00 per 100.

Nephrolepis- Cordifolia, 3-in. pots, $4.00 per 100.

Cannas- 3-in. pots, Pierson's Premier, Mme. Crozy, Chas. Henderson, Florence Vaughan and Queen Charlotte. $5.00 per 100.

Anemone Japonica- 2-in. pots just right for planting out. Queen Charlotte, Japonica Alba and Lady Ardilaun, $4.00 per 100. Elegantissima, $6.00 per 100. Mont Rose and Rosea Superba, $1.00 per dozen.

NATHAN SMITH & SON,

ADRIAN, MICH.

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	In. pots.	Doz.	100
ASPARAGUS SPRENGERI	2	$0.25	$2.00
Ageratum, dark and light blue ...	3	.50	4.00
Bouvardias, single and double, white, pink, scarlet	2	.35	2.50
Bouvardia Humboldtii, Jasmine flowering, sweet scented ..	2	.40	3.00
Chrysanthemums, best standard varieties	2½	.40	3.00
Clematis, large flowering varieties, strong plants		4.00	
Clematis Panienlata, strong plants,	4	1.50	10.00
"	3	.75	5.00
Cobæa Scandens	3	.50	4.00
Geraniums, best bedding vars....	3	.50	4.00
" Mrs. Parker	2½	.75	5.00
Ivy, English hardy	3	.75	5.00
Lobelias, Emp. William, Pumila Splendens and New White	2½	.35	3.00
Lantana, Le Naine, best dwarf var.	2½	.35	3.00
Petunia double white	2½	.35	3.00
Umbrella Plants.....	3	.75	5.00
Lemon Verbenas	2½	.50	4.00
Violets, The California, La France and Princess of Wales		.40	3.00
Aster Plants, Queen of the Market, Semple's Branching, from flats			1.00
Chrysanthemums, R. C. from soil, best var.			1.50

C. EISELE, 11th & Jefferson Sts., **PHILADELPHIA, PA.**

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FOR SALE.

1800 Myrtle Plants

From 2½-inch pots, extra heavy stock, at **$3.00** per 100; **$25.00** per 1000. Rooted Cuttings from flats, **$1.50** per 100, 2½-inch size.

Planted out now will make nice stock for Winter Trade.

Unknown parties cash with the order.

CHAS. SCHWEIGERT, Niles Centre, Ill.

PIPING.

In reply to the inquiry of K. A. J. the diagram he submits shows eight lines of one-inch hot water pipes in the house 18 feet wide. This arrangement will not give the desired warmth. The pipes should be at least two inch internal diameter, but I should prefer to use ten lines of such two-inch pipes. In the house where the flue is used, five lines of two-inch pipes in addition to the flue will be necessary.

Henry W. Gibbons.

New York.

CHEAP CARNATIONS.

We learn from a daily paper "why carnations are so much cheaper now than they used to be." This is a remarkable assumption in itself but the reason is still more wonderful. According to the wise writer in this journal the reduction in cost is due to the introduction of a support that keeps the flowers "out of the dust" when growing on the plant. The dust must have been transferred to the "loft" of the scribbler.

THE ASTER BUG.

Some five years ago we were so badly pestered by the aster bug that our crop was almost an entire failure. The following year we put a liberal quantity of tobacco dust into the ground at planting time with the result that we had very few aster bugs that season. We have been keeping up the practice ever since with very satisfactory results.

A. Rosbach.

Pemberton, N. J.

Bulletin No. 81 of the Maryland Agricultural Experiment Station, College Park, Md., is devoted to "Soils and Fertilizers for Greenhouse Crops." It contains some interesting records of results from the use of various fertilizers on plants growing under similar conditions otherwise.

East Peoria, Ill.—J. C. Murray, the Peoria florist, has purchased a five-acre tract of land here.

We acknowledge the receipt of a copy of The Journal of the Department of Agriculture of Victoria, Australia, for January, 1902. It contains over 100 pages, is finely printed and illustrated and contains much interesting matter.

Oskaloosa, Ia.—The Kemble Floral Co. is making preparations to rebuild its greenhouses. Plants are being removed from the houses and a force of men will soon begin tearing down the old structures.

St. Joseph, Mo.—The Missouri Valley Seed Co. is having plans drawn for a four or five story building to be erected soon. The company is now located at 418 Edmond st.

Walkerville, Mich.—A handsome greenhouse has been planned by Architect Kahn, of Detroit, for Hiram Walker & Sons, of this place.

My advs. of smilax and asparagus have been a paying investment.—Joseph Wood, Spring Valley, N. Y.

I could not get along without the Florist's Review.—H. J. Baskin, Covington, Tenn.

Rose Plants for Sale.

GOOD CLEAN STOCK WELL ESTABLISHED.

Brides, Bridesmaids, Meteors, Golden Gates,

2-inch rose pots, $30.00 per 1000; 3-inch rose pots, $45.00 per 1000; 4-inch rose pots, $60.00 per 1000.

TIMOTHY EATON Chrysanthemum Rooted Cuttings, $3.00 per 100

BASSETT & WASHBURN,

GREENHOUSES, HINSDALE, ILL. Store, 76 Wabash Ave., CHICAGO.

Mention The Review when you write.

ROSE PLANTS!

Well established plants from 2½-inch pots.....

Bridesmaid, Bride, Perle, Golden Gate, Meteor,

$3.00 per 100; $25.00 per 1000.

All Plants sold under express condition that if not satisfactory when received they are to be returned immediately, when money will be refunded.

PETER REINBERG,

51 Wabash Ave., CHICAGO

Mention The Review when you write.

ROSE PLANTS

2½-inch Rose Plants, fully as good as any we have ever sent out:

METEOR, $2.50 per 100; $20.00 per 1000.
MAIDS, 3.00 per 100; 25.00 per 1000.

J. A. BUDLONG,

37-39 Randolph St. CHICAGO.

Mention The Review when you write.

ROSES! ROSES!

Some nice Golden Gate in 3-inch pots at $5.00 per 100, ready now, and a few hundred American Beauties, 3-inch, ready in about two weeks, at $10.00 per 100. It will be good policy to engage these now. Good Beauties are always scarce.

A few hundred 4-in. Geraniums, Heteranthe, at $8.00 per 100, and some strong Cannas at $7.00 per 100. Coleus, $2.50 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

Grafted Roses

LIBERTY, 3½-inch pots, $18.00 per 100.

BRIDESMAIDS,
BRIDES,
GOLDEN GATES,
KAISERINS,

3½-inch pots, $15.00 per 100.

Our Roses are grown with the greatest care and are fine bushy plants ready for immediate planting. We do not think better roses can be grown.

VERBENAS.

Choice Varieties in bud and bloom.

3-inch pots, $3.00 per 100; 2-inch pots, $2.50 per 100; $20.00 per 1000.

GERANIUMS.

Finest Bedding Varieties in bud and bloom. 3½-inch pots, $6.00 per 100.

J. L. DILLON, Bloomsburg, Pa.

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ROSES—From 5-inch pots at 9c, fine clean plants; Clothilde Soupert, Gen. Jacqueminot, Coquette des Blanches, La France, Malmaison, etc. Large-flowered CLEMATIS—The finest purple, white, lavender and red sorts; 2 year dormant or from 5-inch pots, 18c; fine 1-year, at 9c. Clematis Paniculata 2-year dormant, 6c; from 5-inch pots, 10c; extra from 6-inch pots, 18c. AMPELOPSIS VEITCHII—From 4-inch pots, 8c; from 3-inch pots, 5c. Hydrangea P. G.—Nicely rooted layers, 2c. Packing free for Cash.

W. H. SALTER, - - Rochester, N. Y.

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Galvanized Wire Rose Stakes and Tying Wires.

Also Model Extension Carnation Supports.

PROMPT SHIPMENT GUARANTEED.

IGOE BROS.

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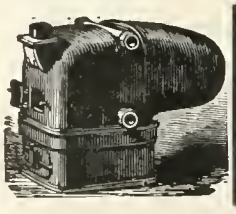

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Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus

Send Four Cents for Catalogue.

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Hardy and Tender Water Lilies.

Nelumbiums, Victorias.

We have the most complete collection of Aquatic plants in the world. It embraces all the American and French hybrids and native and foreign species. For prices see Spring Edition of Dreer's Wholesale List, which is sent to the trade only.

If uncertain what to plant, write us what your facilities are and we shall be pleased to assist you with practical suggestions.

HENRY A. DREER
714 Chestnut St., Philadelphia.

See That Ledge.
Pat. Sept. 18, 1900.

....USE OUR....

Patent Iron Bench Fittings and Roof Supports.

Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS. **DILLER, CASKEY & CO.,** Successors to JENNINGS BROS. S. W. Cor. 6th and Berks Sts., PHILADELPHIA, PA.

STEAM AND HOT WATER HEATING

ECONOMICALLY AND PERFECTLY INSTALLED BY

HENRY W. GIBBONS, 132 to 138 LIBERTY ST., **New York.**

EXPERT ADVICE AND PLANS FURNISHED. CATALOGUES FIVE CENTS.

ROSE LICE

RED SPIDER AND MILDEW
ON ROSE BUSHES PREVENTED BY
SULPHO-TOBACCO SOAP.
(PATENTED.)
A Valuable, Inexpensive Insecticide.

A trial sufficient to prove its exterminating qualities. Write for special offer to Florists. Sample cake, enough for 1 1-2 gallons easily prepared solution, for 10 cents.

LARKIN SOAP CO., Buffalo, N. Y.

KILLED

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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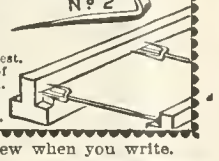

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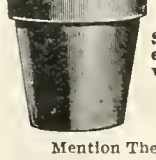

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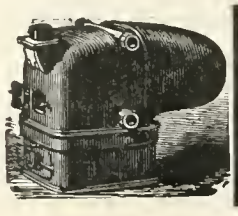

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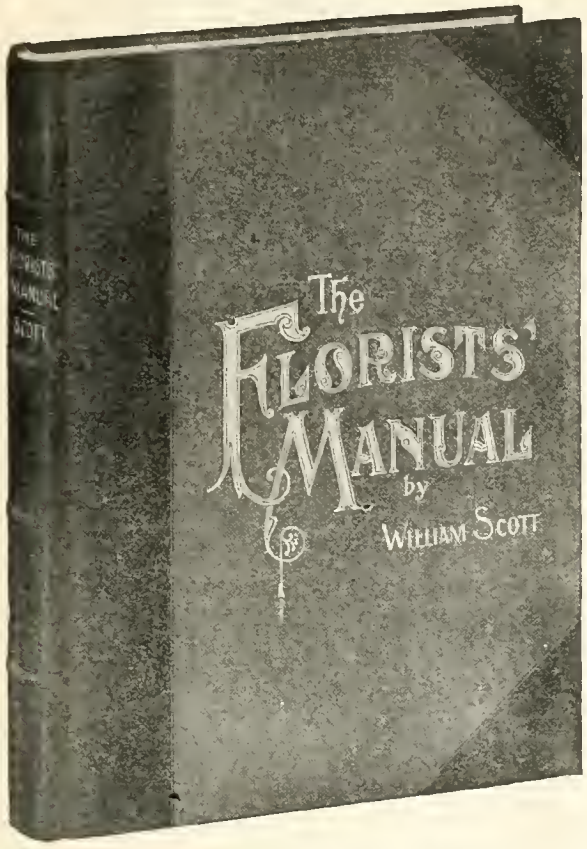

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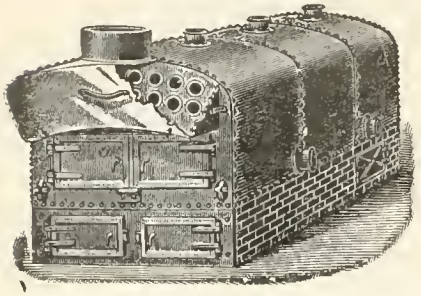

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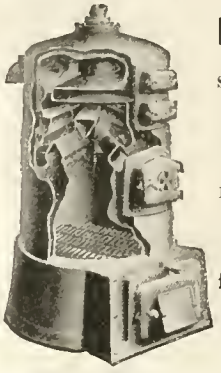

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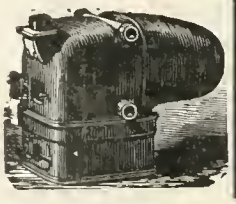

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FLORISTS' REVIEW

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Vol. X. CHICAGO AND NEW YORK, JUNE 5, 1902. No. 236.

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MISCELLANEOUS SEASONABLE HINTS.

Plants for Stock.

I would remind you, before you are all sold out of essential stock, to reserve, or better still plant out, good, healthy plants for your own propagating next fall. There are a number of our useful bedding plants that very few are needed to give you all you want for fall propagation and even if late in planting out you will get sufficient, but there are others in which it is entirely different. A few plants of each variety of acalypha or salvia or Abutilon Savitzii or ageratum will do because you lift only a few plants and get a great number of cuttings from them during the winter. Zonal geraniums, however, must be planted out in good quantities, and healthy, strong plants, or you will not get an abundance of cuttings.

Geraniums.

The geranium may be a plebeian plant but take it all around, if color and brightness are wanted it has no equal and will never lose its popularity. Get a lot planted at once and for your use and to produce cuttings give them lots of room. You will get more cuttings and of a better quality if daylight can get at all sides. We plant geraniums 10 to 12 inches apart for a customer's flower beds but to give us cuttings on our place we like to give them 18 inches between the plants.

I daresay there are many new zonal geraniums that are very striking and beautiful that I don't know. I would impress on you once more the great excellence of Le Soleil, the splendid semi-double scarlet. It is very like Nutt, but much superior. In the greenhouse it shows no improvement over Nutt, but in a bed it is far better, never turning black in center of truss as Nutt does, and much more prolific even than that grand old variety. I was rather inclined to be disappointed in the beautiful light pink "Jean Viaud" last summer. Perhaps I did not give it a fair chance, but whatever its qualities as a bedder, as a beautiful plant and flower about selling time it has no equal in its class. You cannot do without it. Pasteur is a grand all around geranium and a splendid bedder. We have nothing in bright pink equal to Mrs. Frances Perkins. It is the standard pink bedder of its color, and that is a pure deep pink.

Among single varieties we have seen nothing this spring so striking as "Richmond Beauty" of the Mirande type. I can't describe the colors for the flower is not before me, but we will call it a white center bordered by a cherry red. Never mind its color. When it began to bloom last month I made up my mind that if I took 500 plants of it to market any fine morning I should come home with full pockets and an empty wagon.

Cannas.

Cannas are another most important plant that you never have in sufficient quantity. They want a deep, rich soil and plenty of water till they get a good growth, then their foliage shades the ground and they take care of themselves. The dwarfer growing varieties should be 18 inches apart, the taller and stronger, 2 feet. McKinley is a beautiful scarlet. Tarrytown I consider the finest bedding scarlet canna yet raised. I can hardly think of its being improved on. Dwarf Florence Vaughan is indispensable. Victory is yet a novelty but it is grand, both in color, size and freedom; a bright orange-scarlet. David Harum, deep bronze foliage with vermilion scarlet flowers. It has a splendid blending of colors. Mrs. Kate Gray, Secretaire Chabanne and M. Jarry Desloges are all good, and Buttercup is worth growing. It has green foliage and pure yellow flowers without a streak or spot of any other shade. And don't forget Black Beauty, the best of its class. I am supposing, of course, that you know all about Sam Trelease, Souvenir de Antoine Crozy, Charles Henderson and all the rest of the good old ones.

Other Stock.

Don't forget to soon pot up into 4 or 5-inch pots and plunge out of doors in cold frames a dozen plants each of those things which do not lift, such as lantanas, lemon verbenas, etc.

Get your sweet stevia planted out in the open ground and give them 2 feet by 18 inches; they want to grow bushy. Bouvardias should also go out if you grow them at all and they don't want a heavy, stiff soil. A rich light loam is what they like and if they get a good start they will make fine plants by September.

Nearly everyone nowadays plants out the winter propagated hydrangeas. It should, however, be in deep, rich soil. They lift so easily that it is much easier to produce a good plant that way than keeping them in pots. If you have a demand for large hydrangeas in tubs you can start them now by putting three thrifty plants from 6 inch pots into a half whisky barrel (excuse the word, I should have said cider barrel, but they have been noticed to come of a more blue tint in the former); cut these young plants down slightly if they have flowered in the greenhouse. Stand the tubs in the full sun and keep well supplied with water, and if your compost is of heavy, well manured quality you will have fine tubs by fall and something that will fill the bill a year from now.

Chrysanthemums.

You will soon have empty benches and many will soon doubtless be filled with "mums." Don't forget a few hundred for pots. In certain soils they can be planted out of doors and lifted with success, but we have never had that soil at our command and we find by planting on the bench 15 inches apart that we get much the best plant. They need several pinches during summer and the last week of September, not a day later, you can lift them without losing a fibre, and they go on growing after potting without losing a leaf. The only discouraging feature is that for the past three or four years the demand for these pot mums has been extremely light, but if you don't have a few hundred there will surely be a demand.

WILLIAM SCOTT.

CATTLEYA CHOCOENSIS.

This cattleya, known also as quadricolor, does well in an ordinary cattleya house, and flowering as it does in December, after the labiata cut is over, is a good paying investment. The flowers, while of good size, are always half open in appearance, which will be noticed in the illustration, but as they are deliciously perfumed and flowers are scarce at that season, this does not affect their ready sale. The flowers are very variable in color, running from a very deep blush to pure white in the

Cattleya Chocoensis.

petals and sepals, but are always very pleasing.

So far as culture is concerned C. chocoensis does not present any difficulties for the grower. After flowering keep the plants on the dry side until growth commences in the spring. Then if potting is needed it should be attended to and liberal quantities of water supplied during the growing season which is, of course, the summer months. If the plant breaks again, as it often does when the first growth is completed early, keep well supplied with water until the second break is finished, when both bulbs will flower together. This plant is a native of New Grenada and is now quite commonly grown. Newly established plants can be bought at about $2 each from any reputable dealer and they will soon repay their cost. I may add in conclusion that I am not selling plants of C. chocoensis or any other orchid.

C. T.

CHRYSANTHEMUMS.

Planting.

Planting should be proceeded with now as soon as possible, if you are looking for good results. While of course one must wait until the bedding stocks, or whatever is occupying the house, is disposed of, it is always good policy to get your main crop of mums planted by the middle of June. For late work, this is to say for cutting flowers at Thanksgiving or Christmas, six weeks later will do. But few florists care to have flowers lying around so late in the year, and while one can generally find a few flowers in the market at Christmas, the prices they sell at is by no means phenomenal. I have grown mums now for quite a few years, and while I start out with renewed energy and enthusiasm every spring, I must confess that by Thanksgiving the poor old mum begins to pall, and I turn gratefully to something else for a change.

Before filling in the benches the drainage must be taken care of, and this can be done by spreading straw, or some similar substance over the cracks in the bottom of the bench. This will keep the soil from trickling through and yet will permit of the free ingress of air and egress of water. The very best material to use for this purpose is fresh sod, laid along the cracks, as the roots of the mum love it and delight to run through it, as anyone who has ever used sod for this purpose knows. Fill the bench level full of soil, without firming, so that after planting, when the bed is made solid the soil will be low enough to permit of a top dressing later in the season.

The distance apart to put out the plants seems to vary with different growers very considerably. It all depends, of course, on the quality of the stock you are desiring to grow. For the very finest grade of flowers 10 inches by 8 or 9 is as close as one dare to plant. Flowers from plants so grown, if grown as they should be, ought to wholesale at fifty cents each, though they seldom seem to, outside of New York. This distance, 10 by 8 or 9, is for single stem plants, one flower to a plant. If two stems are to be taken from each plant (and a plant will produce two flowers as good as one, providing you plant early and have good plants), more space must be allowed.

You can take from three to six flowers from the same space I have recommended for single stems, and your prices for the same will range from twenty cents each down to nothing at all in the great wholesale centers. In smaller towns a man must grow the grade of flowers his trade calls for, and it would be poor business policy to grow or attempt to grow the finest flowers if you know that you won't be able to get over ten or fifteen cents each for them. After planting make the soil firm by pounding down uniformly all over the bed. This will keep the plants more dwarf, as the roots will not run so quickly through the soil.

If you are proposing to take several shoots up from each plant it is best not to pinch the plant, but wait until it makes its first break, when you can select as many as you desire for that purpose. If the plants are pinched early you get a forest of leaves too close to the bench. Then you will find that the beds will not dry out evenly, and you are almost certain to get rust or some other leaf disease will start in from the moisture hanging on the bottom of the leaves.

Cuttings

for 6-inch pot single-stem work should be rooted now as soon as possible. They need more looking after now as regards spraying and shading than they did earlier in the season. Keep them from wilting if you possibly can. The class for plants in 6-inch pots is an interesting feature of exhibitions, and one sees some very fine stock set up at times. The varieties best suited to this purpose are those with a sturdy habit. Mrs. Robinson, Merza, Gold Mine, V.-Morel and Nellie Pockett are good types for this class.

Brian Boru.

ROSES.

Seasonable Hints.

Time and again I am asked as to the best method of carrying American Beauties over a second season. The beginner and inexperienced cling to the idea that it is a waste of material to throw out the old plants when they are showing such vigorous growth early in the summer and to substitute young stock in their place. I wish it to be understood that I do not advocate this method of culture, but will give a resume of the most successful way of doing it, as it has come under my own observation.

The benches should be partly dried off for a couple of weeks previous to lifting the plants. These when lifted should be heeled in on some high ground outside and pruned into shape. In about two or three weeks they will be ready to transplant.

The soil and benches should be prepared in the same way as recommended for young stock, only it is better to add another inch to the depth of the sideboard. The ball should be reduced to a size easy to handle, taking care to disturb the roots as little as possible, and plant just deep enough to cover the ball. They should then get a thorough soaking to settle the soil well around them, afterward allowing them to become moderately dry till root action has commenced, when the supply of water can be gradually increased. During this period the house should be kept rather close and moist, using the syringe freely twice a day during bright weather. The soil should be stirred at least once a week, and should never be allowed to remain with a crust on it. It is claimed that these plants produce a greater quantity of medium length stems than young stock will, but I have never seen a house so handled that could in any way compare with a well handled house of young healthy stock.

To run a house of Meteors over a second season they should never want for lack of a good rich mulch, nor be allowed to become dry, but should be kept growing vigorously at all times. This rose seems to give the best results if kept steadily at work. All it desires is a good supply of rich food, plenty of water and careful ventilation to run it successfully over the hot months. Trimming out all the small blind wood will give better circulation among the foliage and encourage the production of strong canes from the base, which after being cut back will make good flower-producing wood for winter.

Ribes.

CARNATION NOTES.

Most of us who enjoy a final rush at the end of the season in the shape of cemetery bouquets and any other kind of moderate priced flower for Decoration Day, try to keep our carnations going until after that date, and only those that are in very poor condition are fired out. It will not pay you to keep in anything now, though, but what is in fairly good condition, as the watering, etc., will cost you more than what flowers you can cut are worth. If you were smart last summer while planting them in from the field you will have planted all those varieties that give out early together in the same house. Then you can throw them all out and use the house for something else, or, what is much better, give it a good cleaning and painting and get it ready for your earliest planting this summer.

You know there are times when you have to study to keep all your men busy. There will be lots of work in a few days, or weeks perhaps, but it can't be done just then and at just such times you can be getting a house or two ready for early planting. It will not injure the soil to thoroughly dry out on the benches, but on the other hand it will kill many worms, etc., and if you keep the soil moist until the first crop of weeds is up and then let it get as dry as powder it will destroy most of them. There is nothing more profitable than to get as much work done ahead as possible; in a month or two you will have more than you can do. Some growers plant their carnation houses full of asters, but we do not approve of it, as it throws them too late with their planting.

We are having a good rain every few days and both carnations and weeds are growing rapidly in the field, and the cultivator and the hoe must be kept going to keep the weeds down and the carnations growing.

You should put on a little more shade over the plants that are still producing blooms, as the sun is getting hotter every day. A few weeks ago I said that one of the reasons we keep our carnations in good shape so late is because we don't hurry on a lot of shade as soon as it gets a little warm outside. I have also repeatedly referred to Ethel Crocker as being a grand carnation and I want to repeat both these statements, and

Cattleya Skinneri.

for this reason. On Wednesday, May 28, a neighboring florist and good grower came to see us and when we showed him through he said that these were the finest carnations he had ever seen for Decoration Day, but when we showed him a bench of Crocker he threw up both hands and declared it a grand carnation in spite of the fact that it had been a failure with him. I am not telling this, Mr. Editor, to be bragging on my carnations, but after hearing and reading nothing but abuse of a variety that has brought us the very highest returns it did me more good than a cash order for a thousand blooms at Xmas prices. It shows one thing conclusively, too, and that is that almost every variety introduced can be made to pay handsomely if it gets the treatment it needs and that just because a variety does poorly with us is not a sure reason that it is a poor variety. Before we condemn a variety let us look around and see how it behaves at our neighbor's place. A. F. J. BAUR.

CATTLEYA SKINNERI.

This orchid has recently been imported in quantity and will doubtless become a factor in the orchid cut flower trade. While the flowers are smaller than such varieties as labiata or Trianæ, the plant makes up by being very free flowering, each growth producing from five to ten flowers. The flowers are quite distinct in color, which is a rosy purple, and are produced in March and April, which is an excellent time to get flowers, as Trianæ is over and nothing much but C. Schroderæ is in flower at that time; and as the last named variety is not grown extensively except by one or two growers, C. Skinneri will be very acceptable.

In habit C. Skinneri reminds one of C. Bowringiana, to which it is closely allied, though Bowringiana does not flower until early autumn. If imported pieces of C. Skinneri are bought now and well looked after they will become established and render a good account of themselves by next year. They are comparatively cheap and the flowers should wholesale at a quarter each in any market. C. Skinneri is a native of Guatemala. As with any other cattleya it needs lots of water while growing and a good ripening of the bulb to induce it to flower freely. C. T.

BOSTON AS IT APPEARS TO A PHILADELPHIAN.

[An address by Geo. C. Watson before the Philadelphia Florists' Club, June 2, 1902.]

The bonds of amity, political, commercial and otherwise, between the great communities of Philadelphia and Boston, are numerous and ancient and cordial; but in no relation are these bonds more emphatic than in the field of gardening.

I use the word gardening in its broadest meaning—which includes horticulture, floriculture, arboriculture, and landscape gardening, or the art of laying out grounds. I use the word purposely because it is ancient and catholic. I use it purposely because in recent years some people of pretensions would appear to be ashamed of it, while on the contrary, they ought to be proud of it, as being in its highest reaches equal in grandeur to its sister arts—music, poetry and painting.

And so, when a Philadelphian, looking back on his city's ancient and modern achievements in gardening and feels a sense of elation in contemplating the great figures that did their day's work so nobly in their chosen field, when the proud feeling is strong on him and he suddenly finds himself in the midst of that other great center of gardening, the city of Boston, he experiences a new feeling.

That new feeling is not envy, neither is it shame. It is a higher pride, a more exalted elation. The Philadelphian's pride is still there; but it is merged in the cosmopolitan glory of a common heritage, for gardening knows no latitude and no longitude and the appreciative visitor cannot view the art as practiced in Boston and New England today, without feelings of the deepest respect and admiration.

To some it may appear difficult to say when one community has reached a higher stage than another in the difficult art of "gardening finely"; but a little reflection will reveal the distinction. Of the four grand divisions of gardening as laid down by Loudon, horticulture, floriculture, arboriculture, and landscape gardening, the latter is undoubtedly the branch that calls for the highest order of talent. There are thousands in this country who call themselves landscape gardeners and who have but the faintest idea of the true significance of the term. Many of them know about as much about it as the cat does about the Lord's Prayer. When I speak of landscape gardeners therefore, I do not mean the quack kind, but those who have true taste and genius for their profession, and they are rare indeed.

Now it is because Boston has produced most of the genius in that crowning branch of gardening, that she takes rank as the Mecca to which we all turn and worship. In one great man alone, the late Frederick Law Olmsted, Boston had a shining light that illuminated the remotest corners of the land, with examples of correct taste in the matter of laying out grounds, both public and private. Many younger tapers have been lighted from that torch and they are bidding fair to carry on the work on the sound principles laid down by Mr. Olmsted and other eminent men of the older generation.

Monuments of the taste and liberality of the citizens of Boston in gardening are visible in every direction—in her park system, in her cemeteries, in her model suburban railroad station grounds, and in her innumerable elegant private estates. Taking an impartial survey of the whole field, I have no hesitation in saying that Boston is the most advanced community in gardening matters in North America, if not in the world, and while Philadelphia was the Mecca half a century ago, and is still a good second, her citizens are as ready to applaud superior merit as they are capable of understanding such merit when they see it.

This distinction is merited by Boston solely on the grounds of her higher culture in landscape gardening. Other cities outrank Boston in some branches of gardening by reason of the climate, location, or other accidental circumstance, but in most things it was Boston and Philadelphia that first showed them the way. The rigorous climate and rocky soil of Massachusetts called for gardeners of the right kind, and that was the kind produced.

We Philadelphians are proud of our roll of great men in gardening—from Bartram, Hamilton, Jackson, Pierce,

Marshall, McMahon, down to Buist, Landreth, Meehan, and others. In like manner the Bostonians cherish an equally ancient and eminent Golden Scroll blazoned with such names as Endicott, Faneuil, Fessenden, Kenrick, Breck, Hovey, Wilder, Manning, Olmsted, Hunnewell, and dozens of others of notable importance in their contributions to the art of gardening in the New World.

In seeking for the causes which produced the present proud pre-eminence of Boston in gardening we naturally attach much importance to her Horticultural Society, established in 1829, two years later than our own organization. While McMahon of Philadelphia, published the first American book on gardening in 1806, Boston had the first periodical that treated on gardening extensively, "The New England Farmer," which was edited by Fessenden and Breck, and led up to the formation of the Massachusetts Horticultural Society, which in turn influenced the founding of the Mt. Auburn Cemetery—the first in America in the modern style, as distinguished from the old-fashioned church yards. Then for thirty odd years from 1835 to 1868 we see Hovey's Magazine flourishing and shedding a great influence in the community just as Meehan's Monthly did here, from 1859 to the present time. The character and standing of the men in the Boston Society have always been of the highest order also, and the effect of these influences on the modern community is quite apparent and most gratifying to contemplate.

These reflections are the result of a recent visit to Boston, and my only excuse for troubling you with them is to remind you that each and every one of us has to strive to do his share in keeping the light burning, however small the faggot he brings. The mere facts or most of them you knew before, and I do not pretend to teach—only to remind you—and my experience is that it is reminding we all need more than teaching.

BUSINESS METHODS FOR BUSY FLORISTS.

V.

Many concerns in other lines of business keep a "charity account," into which are posted such items of expense or outlay as are purely charitable, including gifts to colleges, churches and kindred institutions, donations to street fairs, conventions, secret orders, etc., etc., in almost endless number, which are daily solicited in the larger cities. By some these are considered part of the legitimate expense of a business, just as much as advertising, taxes, street and lawn improvements, etc., all of which tend in a general way to keep your name before the public and in that way help to advertise you and your business. With this kind of charitable giving I am not going to argue. It may be all right, and it may be and often is, overdone.

The "charity account" which the average florist should keep is altogether of a different nature and can be more properly termed "The Beggars' Account." The pitiable object who stops you on the street corner for "a dime for something to eat," is reminded by the average individual to "go to work and earn your dime." The beggar in up-to-date clothes who asks for flowers and plants because "I tell all my friends to come here," or because "I bought our church flowers here last Easter," is apt to be treated more politely. But between the two choose the street beggar on whom to bestow your alms, for you may never see him again, while your other friend (?) will come again and again and bring others to be treated in the same manner because you are so liberal.

I don't know why it is, but it appears to me that the florists are "worked" more than any other class of business men, and just because they allow themselves to be "worked" the "beggars' account" increases more rapidly than their income. People who would never think of asking their grocer for a cookie, their butcher for a bone or their druggist for a pill, will go to the florist and demand five or ten dollars' worth of goods for nothing. Who would think of going to a flour mill and asking for a bag of flour because you purchased some for the church fair? Still they come to the florist asking for much because they or their friends purchased a little in the dim and shadowy past.

And this form of a "hold up" is not practiced by the poor, by those who cannot afford to buy your products, but by the well to do, by those who ride in their own carriages and live in luxury. Everyone knows such individuals and has been "worked" by them. If you have not been or are just starting into business make a firm resolve never to accede to their demands and one big account will never have to be opened in your ledger. If you have been a victim of such "hold ups" and circumstances are such that you will be again, commence at once to keep an accurate record of such gifts and you will be appalled at the aggregate amount at the end of the year. It will be so large that you will devise some means for curtailing the "Beggars' Account" at once. In many concerns it would add 5 per cent or more to the annual income. If an employe should steal that much you would have him in jail at once.

I do not counsel economy to the point of penuriousness. This is a liberal age and small allowances and concessions judiciously made may bring you hundreds of dollars in return. If you have flowers that will spoil or a surplus when trade is dull, a nice box with your compliments to some of your best customers or to some prospective customers will not be amiss, though it would be well to keep an accurate record of such gifts. Hospitals, asylums, orphanages, churches, etc., can also be remembered at such times, never forgetting, however, to enclose your business card with each lot.

But in whatever way you distribute your surplus stock keep an accurate record of it, so that at the end of the year you may know where it has gone and what it has produced in income. The success or failure of your business depends upon the size of your income and the "Beggars' Account" only represents a dead loss. It may be and is advisable at times to give discounts in order to encourage future trade, and liberality in any line of business may lead to good sales, but outright gifts to habitual beggars should be discountenanced and "cut out." System.

A BUDGET OF QUESTIONS.

This budget of questions was sent with the request that they be answered quick, from M. W. W.

No. 1. Give culture of Margaret carnations from seed to have in bloom by May 1st.

No. 2. Also say when to root petunias to have them in bloom in 3-inch pots by May 1st.

No. 3. Also verbenas for same time, and gloxinias from bulbs, same time.

May 1st seems to be a great day in the district where M. W. W. does business. But as these questions have been referred to me I can only do my best.

No. 1. The Margaret carnation is usually treated as an annual and is seldom or never seen in bloom either inside or outside by May 1st. To get them in bloom that early you would have to sow the seed in July, grow them in pots during fall and winter in a cold frame until February when you could bring them in the house and with a night temperature of 45 to 50 degrees they should be in flower by May 1st.

No. 2. Petunias are easily in flower at the date so frequently mentioned. You can either take cuttings from plants growing outside in October, or lift carefully and cut back these plants, when you will get good cuttings during January and February, and if grown on with liberal pot room will be well in flower early. The petunia is a plant that wants no stunting, or it will rust. It is worth growing from seed, and that's all.

No. 3. The questioner does not say whether the verbenas are from seed or cuttings. If the former then sow end of January, and if you must have them in bloom at the date noted then give them a light, warm bench. But you had much better have a thrifty young plant that would not be in flower till middle of May.

No. 3. Section 2. Gloxinias are more used as summer plants for the conservatory, although one of the very best house plants. We don't usually start the bulbs till middle of March, but if wanted in bloom as early as May 1st, they should be started early in January.

M. W. W. must have read Tennyson's beautiful verses:

"I'm to be Queen of the May, mother,
I'm to be Queen of the May."

William Scott.

THE FUTURE.

Editor Florists' Review: Your remarks in a recent issue on this subject will furnish food for thought to many a cut flower grower, who is trying to solve just that problem of providing first-class flowers in July and August. Really good American Beauty roses would be worth more in August than they are at present in January, but how to get them, "ah, there's the rub." The problem of growing roses and carnations specially fine all summer will in all probability be solved in time by the appliances you speak of, and of course the growers who first get such appliances into successful working operation will be the men who will make money. This is only as it should be, since wealth is the result of progress.

The idea of shading the glass with alum to keep out heat while admitting light is new to me, and will be valuable if it will work satisfactorily. It is to be hoped that many of your readers will experiment with this and report results.

View in Store of Mr. Samuel Murray, Kansas City, at Easter.

While the rose and carnation men are struggling with their problem let us look over the field and see what other flowers may come up in the future for summer work, that are not so much affected by the heat. Cold storage is going to be a great factor in the future. By this means all kinds of bulbous stock and flowering shrubs can be retarded and brought in at the will of the operator. The possibilities in this direction are boundless, and undoubtedly some of our wide-awake florists will shortly take up this line extensively. Experiments will be necessary to determine just the right temperature for different plants in a cold storage, but those are only details that will be quickly worked out. The man with ample cold storage facilities will soon know no season, but will bring in crops just when they are needed.

Another large source of supply for summer flowers that has yet been hardly touched in America is the orchid family. There are many varieties flowering in midsummer which can be grown extensively when the orchid growers are satisfied that the market will be remunerative, and present experience with such varieties as Cattleyas gigas and Gaskelliana, seems to show that it will be.

In looking over what has been accomplished in the last 25 years the possibilities of the next quarter century are boundless. Combinations of capital will appear as in every other business, much of the waste now manifest in fuel will be eliminated and many things now done by hand, such as stoking, filling benches, etc., will be done automatically and in many ways the wheels will revolve smoother in "Life's demnition grind," as the only William, or some other fellow, puts it. Meanwhile we most of us take our time in adopting new ideas and are content to follow some one else's lead. C. T.

Editor Florists' Review: Your article on "The Future," in the Review of May 22, makes me think that you are a bold man to look so far into it. The great changes that will undoubtedly take place will be likely to be on quite different lines than any of us would expect. The progress that will be made will evolve from our present experience.

If there is a demand for better flowers through the summer (when nature is doing so much for us out of doors) they will be produced, and it will be done so simply that we will all wonder why it was not done before. I do not look for refrigerating plants, fans and filters as part of the equipment of the future florist, and insects and fungus diseases will be kept in subjection or conquered by the skillful florist in the future much the same as at present (by the application of common sense).

The idea of using alum as a shading may be a good one and is worth experimenting with, but I fear it will be found too thin. So far the best shading that I have found is white lead mixed with gasoline or benzine and applied with a whitewash brush. Be careful not to use when there is any fire near or serious loss may occur.

Joseph Heacock.

Wyncote, Pa.

BUFFALO.

From all accounts the trade at Decoration Day, as we usually designate what is called Memorial Day in other parts, was very satisfactory. We are sure for the week that it was 30 per cent ahead of last year with some people, and when we find ourselves busy the same conditions invariably will be found to have been the same all along the line. The demand at that time is not for high-priced flowers, but that does not make the business any the less profitable. We never get the common herbaceous pæonies in by the first of June except the officinalis type, and hardly those, but there are plenty sent in from earlier districts. Outside valley was at its best. Carnations were plentiful. There is a great temptation to cut the flowers of the good double zonal geraniums on that day of big demand and you can rob the plants of a flower here and there, if judiciously done, for if you leave one truss showing flower for each plant surely that is good enough for the plants that are going to be bedded out.

How many of you know the wonderful type of candytuft that is grown in immense quantities by Mr. William Sim, of Cliftondale, Mass.? He plants several houses of it to succeed violets, in solid beds. It comes in just right for Memorial Day. I don't suppose I grew the few plants he so kindly sent me as perfectly as he does his 50,000, but I had heads of bloom 12 inches across and stems 2 feet high, of the purest white but not so dense that it looks heavy. I trust Mr. Sim will excuse me giving his Candytuft what notoriety I am able to. It is a truly great flower.

The Pan-American, of happy memory to some but not to all, was assuredly a benefit to all local florists and we had an idea it added at least 10 per cent to our normal spring and summer trade, and that in its absence we should drop back again. Not so up to date, or more strictly speaking the month of May was considerably better than last year. This is very delightful and in a measure compensates for the loss of the matchless illuminations and fairyland in general.

There has been quite a little craze the past three or four years for the residents of our beautiful Delaware avenue to plant privet hedges along their property line facing the street. Although

personally not an advocate for the beauty side of it, it would be foolish to let your prejudice interfere with good business, so the writer has helped considerably to disfigure—as some consider—this lovely avenue. Now comes along the progressive and energetic Commissioner of Public Works and notifies nearly all of them that the hedges are not on their property, but a foot or more on the public street. Its to be hoped he will give these worthy people till at least October when the removing can be done with safety and with little set back to the hedges, as they are all of recent planting.

I was up at the North Park greenhouses a few days ago. Capt. Braik, Asst. Supt. of Parks, has an immense stock of grand bedding plants. Never saw better. And this assures us that our parks and squares in appropriate places will be gay for the summer months. The visit was specially made to inspect a fine batch of herbaceous calceolarias, well grown, broad, short plants, and clean of all aphis. What a gorgeous, gay, plant this is, and to those who do not know it, it appeals as a wonder, but it is really not a plant for the florist, for however clean you may grow them, and it takes a lot of growing, it will become infested with aphis while you are delivering and three days afterwards Mrs. Grumble comes and says: "Look here, that lady slipper I bought here three days ago is all covered with lice. I wish you would send for it." But with all that for the private conservatory or Schenley Park, it is simply a flood of beautiful colors.

After an absence of eight months I once again visited Prof. John F. Cowell, director of South Park and the Botanic Gardens. What a magnificent range of glass those conservatories are! They appeared to me a little more imposing than ever, and when the fifty million steel plant is completed and its 20,000 operatives are at work, and the butcher and baker and doctor and undertaker arrive also, it will be a city itself, and South Park will not seem so remote as it did five years ago. The way palms and dracænas and crotons and all the rest have grown was very striking to me. In the very near future the Professor will have specimen palms to burn or barter. The big range is filled and looking fine and I am glad to say the people of Buffalo are awakening to the fact that they have an educational and interesting place in South Park.

I would like to inform the florists of Buffalo that the races at Fort Erie begin next Monday and they must get their orders out at least by 1 p. m. for the next 25 days. "Jake Hatch" is favorite for the Canadian Derby.

W. S.

NEW YORK.

The month of roses opens with real summer temperature and the anticipated dullness in the market. June weddings are not materializing as rapidly as they should. Remunerative decorations are few and far between. The gardens are planted. There isn't much left but the "races," and the bowling, and the consideration of the trip to Asheville. The sidewalk merchants are in their glory. They buy their goods for a song and keep the street corners radiant with color. The green goods men seem to have enough to do. The demand for wild smilax and leucothoe sprays has been continuous.

At the cut flower market the hour of opening has been changed from 5 to 6 a. m., a sensible move. A business that lasts from 5 a. m. until midnight is hard enough anyway.

The American Rose Society will hold its June show on the 11th of the month at the Botanical Garden, in connection with the show of the New York Horticultural Society.

At Riverton last week I saw Mr. Eisele in the midst of an immense stretch of pæonie blooms reaching about as far away as the eye could grasp, and I noticed the daily cutting was enormous, overflowing the Philadelphia market and finding its way to this city, where the great shipments have been rapidly absorbed.

Julius Roehrs celebrated his silver wedding last week, and bids fair to last for the golden one. He has fully recovered from his encounter with the trolley car and is busy superintending extensive additions and improvements to his great plant at Carlton Hill.

Some of the foreign "celebrities" are leaving our shores this month. Dimmock goes to London on the 14th; Suzuki departs on the 10th for the Flowery Kingdom. John Degnan has shaken the dust of New York from his feet, while Wilson, of Western Springs, is drinking from some eastern springs around New York and Boston.

Runyon, of the Elizabeth Nursery Co., ran away with a Holland nurseryman last week, or his horse did, and would probably be running yet if a tree had not intervened. The Hollander had an eye and cheek cut and was otherwise maltreated but the horse and driver came out of the war unscathed. The buggy was unrecognizable.

Last Tuesday Wadley & Smythe decorated the French steamship beautifully, banking the three decks with palms and bays and giving it a charming garden effect that was much appreciated by the distinguished visitors. The only flowers used were American Beauties. At the Newport luncheon, in the Casino rooms and grounds, in their honor, the four tables were decorated with cut flowers, hydrangeas, Liberty roses, lilacs, white roses, the French colors, and the walls and ceilings were covered with the American and French flags. It was a government affair and no expense was spared in making it effective.

The most charming feature of our park at present is its wealth of wistaria bloom. Nowhere in America can such profusion of flower and such old and spreading vines be found.

Decoration Day was "an oasis in the desert" this year, with grand weather, smiling skies, and an enormous demand for blooming plants and flowers. It was estimated that over $100,000 worth of these were used in New York alone.

The nurserymen's convention at Milwaukee promises to be a banner assembly. Next week Tuesday is the opening day. From New York the D. L. and W. seems to be the popular way of travel.

Next Monday the regular monthly meeting of the New York Florists' Club will be held in the rooms of President Sheridan on W. 28th street. A large attendance is requested. Final arrangements for the July outing will be completed, and exhibits of new plants and flowers are expected.

The bowlers feel the lassitude of humidity and few can be lured to the weekly practice. Perhaps it is because the team is "on edge" and already "ready for the fray." Capt. Lang would not be so discourteous as to bowl a man who is in the nervous condition of the young and marriageable St. Louis captain, but will tackle him at Asheville, when his nerves are steady and he has the inspiration of a wife's smiles to encourage him in the hour of trial. Austin.

PHILADELPHIA.

Decoration Day.

Memorial Day business proved very satisfactory. An immense quantity of cut flowers, plants and florists' supplies being consumed. Most of the dealers were taxed to keep up with their orders and some did fifty per cent more business than last year. Prices did not advance; there was too much stock for that. Probably this was just as well, quantity being wanted first, quality after. Out-door flowers were in great demand; pæonies moving at a lively rate; also Japanese snow balls. Carnations were good and plentiful; the fancies bringing $20 and $25 a thousand, a few $3 a hundred; the bulk of the stock went at $10 to $15 a thousand. Roses, valley and sweet peas sold well, the latter being reinforced by the outside varieties. They averaged about 50 cents a hundred, unless for something extra fine.

The cemetery florists experienced their great day of the year. Westcott, Alburger and the others having more than they could do. Roses in pots, geraniums and anything adorned by a flower sold readily at good prices. A great deal of immortelle work was made up for Grand Army Posts, Biester and Habermehl having some especially large pieces.

The supply houses experienced heavy business. Bayersdorfer & Co. shipped great quantities of cycas leaves, metal wreaths and baskets. Their wreaths of natural magnolia foliage as well as beech and laurel were much sought. Rice & Co. note an increased demand for fancy baskets in all styles and were exceedingly busy distributing staple goods.

The cut flower commission houses worked far into the night every day last week, and in some instances all night. This week they are rushed with wedding and commencement orders.

Notes.

Edwin Londsdale is cutting some choice white paeonies that have brought $2 a dozen; the market price for fine varieties is from $3 to $5 a hundred. The name of this variety is not positively known.

John Savage is cutting out door sweet peas in quantity.

Hugh Walsh, a well known and respected florist of Logan, is dead. The business will be continued by his two sons.

Mrs. David Cliffe will carry on her late husband's business at Main and Johnson streets, Germantown.

Leo Niessen found Memorial Day business better than last year. He had as much as he could possibly do.

A. J. Pennock is sending in some superb valley to his brother. An idea of the quality may be formed when the price, $5 a hundred, is given.

S. S. Pennock reports business as 50 per cent better than on this holiday last

View in Show House of Mr. Samuel Murray, Kansas City, at Easter.

year. Pæonies proved the right thing at the right moment, nearly 50,000 being sold during the week.

Edward Reid sent out 75,000 carnations in the three days, May 28 to 30. An order for 600 special Brides and Maids received late on Saturday when everything was cleaned up was satisfactorilly filled in a few hours by ringing up his growers.

M. Rice, now on a business trip through Italy, Switzerland, Germany and France, is expected home the latter part of this month. Mr. Rice has experienced very cold weather with snow at Genoa, an almost unknown thing there in May.

William Yeager, of Norristown, has had splendid results with carnations this season.

Joseph Heacock is in the midst of a very difficult piece of work—the removal of the wooden gutters between his houses, which are being replaced with new ones of the best cypress.

Harry Bayersdorfer will sail for Europe on the Kaizer Wilhelm on June 17. He expects to be absent until October, in order to have time to secure a comprehensive collection of the rarest and best florists' requisites that the continent affords. Mrs. Bayersdorfer will accompany him.

Edwin Londsdale has planted three houses of the new rose, Ivory.

Paul R. Klingsporn, with George M. Moss, will sail for Europe on June 10.

Lord & Burnham Company have erected twelve fine greenhouses for James W. Paul, Jr., president of the Pennsylvania Horticultural Society, at his place on the main line P. R. R. It is understood that the contract price is $25,000. Joseph Harley will have charge of this fine place. This firm are to be congratulated on securing the services of D. T. Connor, who will act as their local representative. Mr. Connor is well qualified to fill this position, well known and very popular in florists' circles.

G. C. Watson has sent out an earnest appeal on behalf of Secretary Stewart, urging the gardeners and florists of this vicinity to join the S. A. F. O. H., and support President Burton by attending the Asheville convention.

A flying change—
Just for a day,
Austin to Broad Street—
Phil to Broadway.

The club meeting on Tuesday night was addressed by G. C. Watson who told of his trip to Boston. A smoker followed.

W. K. Harris, president of the Florists' Gun Club, won the special prize for members only in the contest at Wissinoming. The scores were remarkable considering the weather conditions. Mr. Harris scoring a total of 60, with a handicap of 15. This was not the best work of the day, as George Anderson, with a handicap of 9 targets, scored a total of 59, breaking 50 straight. This is quite a record for Anderson, as it has been several years since a straight score of 50 targets has been made on the Florists' grounds in a club contest.

PHIL.

ST. LOUIS.

The Market.

Decoration Day trade around this locality was the same as usual, very little doing in the city, and only those who were close to the cemetery gates had plenty of customers and were kept quite busy all day. Cut flowers of all kinds suddenly became scarce and a great deal of dried stuff was used by those who had orders ahead and could not get fresh flowers with which to make them up. Such is the life of a florist in St. Louis.

The first part of the past week flowers were still very plentiful and very cheap, but the latter part of the week all kinds of flowers became scarce and good prices again prevailed for the few that came in. The trade was running from one wholesale house to another and all with the same answer—"Nothing in yet." Prices went up and anything that came in was sold at a good price. The wholesalers claim that the sudden shortage was caused by most of the shippers using their stock at home.

The few roses that are coming in are very poor and bring from $3 to $5 per 100. Very few long Beauties are in and $2 to $3 per dozen is the price for them.

A good supply of Candidum lilies is in and are selling at from $4 to $8 per 100 stalks. Pæonies are all out and there are plenty of Cape Jasmines in the market at 75 cents per 100. The wholesale commission men on Third street are handling most of them just now.

Carnations are very much in demand and almost anything good brought 2 cents Friday, Saturday and Sunday. White had the greatest call, as plenty of funeral work was in on those days. Sweet peas are now in quite plentiful at 50 cents per 100 for top prices, while the bulk go at 25 and 35 cents. Field daisies are sold at 35 cents per 100. A great deal of smilax was sold for Decoration day work at $15 per 100 strings. The supply was plentiful and the quality good. Galax leaves, too, had a good call at the usual prices.

Notes.

Miss Theresa Badaracco, of 1308 Olive street, is making preparations for a two months' trip to West Baden Springs. She will also visit Chicago before returning home. Miss Theresa has had a most successful season.

Miss Martha Herzog, daughter of Max Herzog, was married last Thursday to Mr. Ernest Hentscher. Mr. Hentscher is in the employ of his father-in-law. Both of the young people are happy at the old homestead at Gratiot. We wish them much luck and happiness.

R. J. Mohr, of the Plant Seed Co., left Saturday night on a trip South in the interest of the house. Rudolph says he will be back in time for the June meeting of the florist club, of which he is one of the trustees.

A representative of Dean & Co., 45 E. Congress street, Chicago, was in town distributing samples of their flower developer. It's a powder which will also kill insects in the earth.

Shaw's Garden was open to the public Sunday, a most beautiful day for it. The crowd numbered fully 20,000. Everything looked at its best. The students and directors welcomed the visitors and answered all questions asked. The first Sundays in June and September are always a great treat to the people who have no time to visit the garden during the week. On no other Sunday is the garden open to the public. This is in accordance with the will left by the late Henry Shaw, who was truly a great and good man to the people of St. Louis.

Bowling.

Seven members bowled three games Monday night, which ended the May series of twelve games. John Sturtz wins the first prize with an average of nine games of 191. Ellison and Miller tied for second prize with an average in twelve games of 174. The following scores will show how the rest stand in the May series.

	H.	Total.	N. G.	Av.
John Sturtz	15	1719	9	191
Theo. Miller	35	2096	12	174
Art Ellison	..	2096	12	174
J. J. Beneke	15	2005	12	167
C. A. Kuehn	11	1453	9	161
F. C. Weber	35	969	6	161
F. M. Ellis	35	1486	10	148

The following scores were made Monday night with Sturtz high man:

	1	2	3	Total.
John Sturtz	174	169	215	558
Theo. Miller	143	214	170	527
C. A. Kuehn	170	162	192	524
F. C. Weber	171	169	158	498
J. J. Beneke	151	176	161	488
F. M. Ellis	...	139	123	262

J. J. B.

CHICAGO.

The Market.

Decoration Day trade easily broke all previous records. Roses were scarce and poor as anticipated but carnations were plentiful and immense quantities were sold. Prices on these ruled somewhat lower than in previous years, but the quantity was so much greater that the total receipts were very satisfactory. Of pæonies there was about enough to meet demands. Jasmines were not much called for, as there was plenty of carnations. Had there been plenty of good roses the business would have been very much larger. The shipping demand was great, and local call was also better than in previous years. The number of carnations received was remarkable. In fact some late arrivals had to be cleaned up at very moderate rates. We hear of two sales at the last, one of 18,000 at $1.00 per 100, and 23,000 at $1.10 per 100. On the whole it was a very satisfactory trade, everything being well cleaned up.

One dealer said the demand from outside was too good. When asked why, he replied that good regular customers who ordered late and whose orders could not be filled couldn't understand why they had been "turned down," and that it hurt to have them feel that way. But how can one fill an order when he has not got and cannot buy the stock with which to fill it?

Since Decoration Day the shipping demand has kept up fairly well, though on Tuesday stock seemed to be accumulating, especially poor grade colored carnations. Good roses are still scarce and shipping grade stock brings $5 to $6. Good carnations range from $1 to $2, but on the poorer grades prices are very weak. We saw a lot of poor Argyles and sleepy Marquis offered at 5 cents a bunch and the offer declined.

The quality of the roses has improved a shade since Decoration Day, but the return of warm weather, accompanied by frequent rains, will no doubt soon make quality register a still lower degree.

Various Items.

Kennicott Bros. Co. alone sold 8,300 dozen pæonies for Decoration Day.

Bassett & Washburn had a fine lot of lilies for Decoration Day and sold over 10,000 of them.

At Des Plaines Frank Garland is rebuilding one house and W. S. Garland is building two new ones, 27x250 each, for roses.

The wife of I. C. Silliman, the West Side florist, died last Saturday and was buried Monday.

New wood ferns are being received but they are rather soft yet.

Liberty has been quite a factor in the rose market of late. Bassett & Washburn have been cutting 1,000 a day and all have sold readily at good prices. At this time of the year the buds ship finely, even better than Beauty.

CINCINNATI.

The Market.

Decoration Day proved to be a surprise to many of us. Although we expected stock to be somewhat scarce, owing to the hot weather a few weeks before that brought in stock with a rush, still no one looked for it to be as scarce as it was. There was scarcely enough to fill one-third of the orders taken, to say nothing of regular business. Pæonies, which were expected to fill a big gap, failed to materialize and roses were also impossible to obtain. The only flower that seemed to hold out to any extent was the carnation; some really good ones were to be had, but even they were short of expectation.

Despite the fact that flowers were so scarce, bringing in some instances almost holiday prices, there was nevertheless a very large amount of business done, and I believe that on an average it was ahead of last year.

At present stock is still very scarce, especially good roses. Liberties, nevertheless, are still coming in fine shape and sell well. At present roses are quoted at from 2 to 5 cents according to quality.

Some first class carnations are still to be had, but the supply is limited. Ordinary grades are more plentiful and as luck will have it, there are a goodly lot of white coming in, which always find a ready market. Red is going well and as the high school commencement takes place this week on Friday, there will be a big demand for carnations on that day. They are selling at 2 cents for fancy and 1 to 1½ cents for ordinary grades.

Outdoor sweet peas are proving to be a failure. The dry spring did the business for them. The indoor grown are about played out, so this very desirable June flower is almost out of the market.

A little feverfew, candytuft, stocks, etc., is to be had and it forms very acceptable stock for funeral work, of which there has been quite a lot lately, and in the absence of roses and carnations this class of stock comes in very handy.

There is a fine lot of smilax to be had and it sells at 15 cents per string. Asparagus is also plentiful at 50 cents per string.

Various Items.

The election of the board of directors for the Cincinnati Florists' Society will take place at the regular meeting to be held Saturday evening, June 14. The polls will be open from 8 to 9:30 p. m., thus giving all members a chance to cast their ballots.

J. Chas. McCullough and family will sail for Europe about July 1, intending to be abroad about three months.

J. G. Fine, of Dayton, Ky., has rented the plant belonging to Geo. Magrie at College Hill, O. He will grow a general line of stock for the retail trade. During the recent heavy storms Mr. Fine sustained considerable damage at his Dayton place through water, which was backed up into his greenhouses, at some places being five feet deep. Mr. Magrie will continue his retail store on Elm street, now giving that business his entire attention.

Jos. R. Goldman, of Middletown, Ohio, was almost swamped with funeral work during the past week, owing to the death of Mr. Paul Sorg, the tobacco merchant of that city. R. A. Betz, of this city, was called to help him out.

The Queen & Crescent R. R. have granted the florists of this city a rate of one fare for the round trip to the S. A. F. convention at Asheville. This amounts to $12.36 for the round trip, which is a very good rate. The sleeper rate will be $3.00 each way. Anyone wishing to secure berths in advance can do so by notifying Mr. E. G. Gillett, 113 East 3d street, this city, who has the diagrams of two sleepers and will make assignments.

Mr. Ed. Helfrich and sister were callers. C. J. Ohmer.

BOSTON.

The Market.

Memorial week was a good one and without doubt the best of its date ever experienced here for the grower and retailer. It was a great go-as-you-please race for the growers with handicaps to suit the keeping qualities of each man's goods.

The green-goods men started the very first of the week and the rose men did not get the word until Thursday morning after everything else was on the gallop.

Everything landed all right except cheaper grades of white stocks, candytuft and such ilk, which was so plentiful as to get crowded along the course. Hardy ferns fell out of the race middle of the week for lack of material and caused some annoyance. Lilies very scarce. Prices probably did not average quite up to former standards. A noticeable feature was more red roses than ever before but of course none too many. Small roses got scarce but not enough to create big figures.

In spite of the cool weather of early spring the few hot days of late hurried up outdoor goods of all kinds enough to

Charles Millang, 50 W. 29th St. NEW YORK.

The "Lily King" is called the "Early Bird!"
First in the market, be it hot or cold,—
His the melodious voice that's soonest heard
Buying up all the Lilies. I've been told,
Small wonder then, the melody the Lilies always sang,
When they with perfume-laden voice, serenaded Charles Millang!

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

make most of them of no use for the 30th. Pæonies, however, did not seem to catch the rush spirit so much and have not yet appeared in large quantities.

Notes.

Memorial day is a good title for the real closing day of the season, since we have its memories to keep us alive through the summer, and just as surely Thanksgiving day is a good title for the first day that gives us a little extra lift in the fall.

W. H. Elliott's man claims the banner cut of roses for Memorial day. He says he marketed over 27,000 Thursday and Friday mornings. That should make it a memorial day for him indeed.

J. S. MANTER.

BALTIMORE.

Various Items.

That the climate is "equal to anything" has been shown with emphasis the past week. On the morning of May 29 the mercury dropped to 38 degrees and in many localities there was frost and ice. To-day (June 2) it has gone up to 90 degrees and the summer campaign seems to have opened.

Trade dragged a good deal the earlier part of last week, but toward its close there was much animation, and Friday and Saturday cleaned up pretty much all offerings in the market.

June opens with a rush, and all kinds of flowers are in request for the numerous weddings to take place to-day and to-morrow. Sweet peas and American Beauties are in most active requisition. Supplies, however, are ample for all purposes, except perhaps of high grade Beauties.

Decoration Day this year is thought to have been more generally observed here in the matter of the floral adornment of graves than probably ever before, and the custom is extending beyond the decoration of the resting places of former soldiers so as to become almost as general as is this memorial usage at Easter. A daily paper says that at one of our cemeteries there were 10,000 visitors during the day. This doubtless will increase the demand for flowers and plants beyond that previously felt.

One of our florists, Conrad Hess, of Waverly, has been growing tomatoes this season with much success. The varieties are Lorillard and Mayflower, and the fruit is abundant, large and well-shaped. The crop is marketed in New York, with results as satisfactory probably as if roses had been produced. Mr. H. has the knack of making pretty much everything succeed that he tries.

R.

WE FIND the REVIEW a great help, and would not like to have to run the place without it.—J. W. GLASS, Owen Sound, Ont.

BATAVIA, ILL.—McAllister & Co. say that Decoration Day trade was never before so good in the history of their establishment. They sold every plant of any size and their immense stock of geraniums was entirely cleaned out two days prior to Decoration Day. All outdoor flowers were gone, which made the demand for indoor cut flowers great. Every flower, fern or piece of smilax was sold by 10 a. m. of the 30th. Business was fully 100 per cent better than last year.

LINCOLN, NEB.—Chapin Bros. have opened a new store at 127 South 13th street. It is very handsomely fitted up and has a fine large window.

CASEY, ILL.—C. H. Higbee is remodeling his greenhouses and when finished will have everything strictly up to date.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—At once—florist capable of taking charge of 10,000 feet of glass surface, with not less than ten years' experience. Must give satisfactory references and must be a good grower of carnations, roses, mums and bedding plants and a good designer. $35.00 to the right man, with room and board. Steady place. O. L. Baird, Dixon, Ill.

WANTED—At once—a No. 1 chrysanthemum grower, must come well recommended, a steady position to the right man. Address Nanz & Neuner, Louisville, Ky.

WANTED—Man experienced in general greenhouse work. $25.00 per month and board. Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 725 E. State Street, Redlands, Cal.

SITUATION WANTED—By a single young man with ten years' experience in general greenhouse stock. Address A. F. Hebel, care of H. Schlachter, Winton Place, Ohio.

WANTED—At once, a reliable florist. Must be sober, honest, and a good worker; one that is capable to take full charge of medium sized place and grow a general collection of plants and cut flowers for retail store trade. State wages with board and send good references of recent date in first letter. Good wages and steady place to right man. Fred J. King, 220 Madison street, Ottawa, Ill.

FOR SALE—Tabasco hot water boiler, No. 32, price $50.00; also Wilks' hot water boiler, No. 30, price $35.00. Both are magazine feed and carry fire 8 to 10 hours; both in good order and have new grates used past season only; capacity, 1000 to 3000 feet of glass each. Write for further particulars. Terms cash. W. H. Culp & Co., Wichita, Kan.

FOR RENT—At Frederick, Md., greenhouses in complete order, 162x20, 65x15, 107x11; boiler room 60x18; No. 8 Furman boiler and small heater; large mushroom cellar; stable; two acres of ground; dwelling for rent near by; city water; no stock on hand. Rent $300.00 per annum. Ill health of owner compelled retirement from successful business, principally vegetables and mushrooms for Washington and New York. Address Henry Trail, Frederick, Md.

WANTED—A steady young German, 18 or 20 years of age, for greenhouse and outdoor work, with some experience, on a private place; $20.00 a month and board. F. A. Engleman, florist, Clarkville, Mo.

ALEX. J. GUTTMAN,
Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

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WANTED—Young man to learn the greenhouse business and the growing of roses and carnations; state age. Apply to John L. Wyland, De Haven, Pa.

SITUATION WANTED—As foreman; thoroughly competent and reliable; 21 years' experience. Address 21, care Florists' Review.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain, A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

FOR RENT—A prosperous retail and wholesale business; new houses complete; 15,000 feet of glass, 16x24; one acre of land, and dwelling; rent $60 per month; opposite Woodmere cemetery gates; one mile from Detroit, Mich. Address Anton Kaier, Woodmere P. O., Mich.

WANTED—Competent working-foreman to grow roses, carnations, mums and general bedding stock. $60.00 per month to right man. References required. Central Greenhouses, Sandusky, Ohio.

WANTED By one with a national reputation as a decorator and maker-up, the best position available in a retail store. Able to take charge. State terms.

ILEX, care Florists' Review.

This Adv. Appears But Once.

C. S. FITZ SIMMONS OF LANSING, MICH., offers his Greenhouses for sale at 75 per cent. of actual cost. Well stocked and splendid trade. Or will entertain a partnership or stock company proposition.

New Red Rose Queen Madge ready to disseminate. Only people of ability, integrity and some means requested to answer.

WANTED.

Working Foreman (young married man preferred) able to take charge of a medium sized place, two hours' ride from Philadelphia, where Beauties, Maids and Carnations are grown for the trade. Only a grower of good stuff wanted. Address, stating qualifications, references and wages expected, G. B. P., care of Florists' Review.

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Open 7:30 A. M. to 8 P. M. Long Distance Telephone.

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INDIANAPOLIS, IND.

The Decoration Day just past brought to florists of this city one of the best week's business in recent years. There were lots of flowers and there were buyers for all of them. Carnations were in good supply and sold well, and most of the wholesale orders increased at the last moment, as a great rush was anticipated. The shortest article was pæonies. The warm weather early in May forced out all the early varieties and about the 25th it turned quite cold and prevented the latest varieties from developing in time for the big day. Now they are in full bloom again, but sell only moderately. Some of the growers had a good stock of a beautiful lavender candytuft which worked up fine into bouquets.

The seventeen-year locust is with us in great force and especially wherever there are many trees in a bunch. The beautiful Crown Hill Cemetery and Woodruff place are alive with them and their loud whirring can be heard for quite a distance from early morning until nightfall. A. B.

THE SCHEDULE of prizes offered by the Pennsylvania Horticultural Society at the annual exhibition to be held Nov. 11 to 15 next, has been issued. Copies may be had by addressing the secretary, David Rust, Horticultural Hall, Broad Street, Philadelphia.

TARRYTOWN, N. Y.—The rose and strawberry exhibition of the Tarrytown Horticultural Society will be held Monday afternoon and evening, June 16. Prizes are offered in fourteen classes.

WINCHESTER, VA.—Henry Alden, the well-known florist and landscape gardener, died May 26, as the result of a fall in which he fractured his hip. He was 76 years of age.

THE California State Floral Society issued a very attractive souvenir programme for the annual spring exhibition in the Ferry Building, San Francisco, May 22 to 24.

CANANDAIGUA, N. Y.—Robert McKerr is building three houses, of which two are 20x100 each and one 20x60. He expects to make a specialty of carnations, growing only the very best varieties.

DIXON, ILL.—O. L. Baird reports a very busy spring season. Everything is sold out close. Decoration Day trade was unusually good. At present he is planning for the trip to Asheville.

CRESTON, IOWA.—J. D. Stahl took charge of the Creston Greenhouses on May 12 and since then has been busy cleaning and refitting the houses.

PAWTUCKET, R. I.—A. L. Warner reports that Memorial Day passed off fairly well. The weather has been cool and that helped to some extent.

Largest and Finest Stock of **CHRYSANTHEMUMS** in the country. Also 200,000 Young Rose Plants in best possible shape.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00

YELLOW.	Per 100 R. C.	Per 100 2½-in.
October Sunshine	$2.00	$2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Wnlldin	1.30	2.00

PINK.	Per 100 R. C.	Per 100 2½-in.
Montmort	$1.30	$2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—IMMENSE STOCK OF COL. APPLETON, rooted cuttings, $15 per 1000; 2½-inch pots, $20 per 1000. **BONNAFFON,** rooted cuttings, $10 per 1000; 2½-in. pots, $18 per 1000. Fine stuff.

ROSES FOR FORCING.

An exceptional fine lot of 200,000 Plants in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	Per 1000	3-in. Per 100	Per 1000
Golden Gates	$3.00	$25.00	$4.50	$40.00
Maids	3.00	25.00	....	40.00
Brides	3.00	25.00	....	40.00
Meteors	3.00	25.00	....	40.00

STEVIA, R. C., per 100.....$1.50 2½-in., per 100.....$2.50 2½-in., thousand lots.....$22.50

No order filled for less than $2.00, or less than 10 of a variety. 5 per cent discount allowed for Cash. Remittances must accompany orders from unknown parties. Goods sent C. O. D. if requested. All orders filled in strict rotation, and as soon as stock is ready. Every order has our personal supervision and satisfaction is guaranteed. Cuttings rooted to order if not in stock.

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CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

TOMATO—Stone, Royal Red, Perfection, Paragon, Favorite, Dwarf Champion and other varieties, 15c per 100; $1.00 per 1000.

EGG—New York Improved, 25c per 100; $2.00 per 1000.

PEPPER—Ruby King, Bull Nose, Sweet Mountain and other varieties 25c per 100; $2.00 per 1000; $15.00 per 10,000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000 Small plants for transplanting, 15c per 100; 75c per 1000.

If wanted by mail always add 10c per 100.

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Write for quotations on Palm Seed, **Phoenix Canariensis, Reclinata, Seaforthea Elegans,**

CUT FLOWERS SHIPPED IN ANY QUANTITY.

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2-inch pots, $3.00 per 100 **BEST RECENT INTRODUCTIONS**—500 Mme. Charotte, 300 Jean Viaud, 600 Mme. Landry, 1000 Hubert Charron.

STANDARD VARIETIES — $2.50 per 100 — 500 S. A. Nutt, 1000 Mars, 400 Marvel, 200 Mme. Buchner, 300 La Favorite, 250 Duc de Montemort, 150 Theo. Theulier, 200 Countess de Castiers, 100 Mme. Bruant, 100 Pierre le Brun.

Strong Frame Grown, 4-inch pots — $7.00 per 100. 250 Duc de Montemort, 200 Mme. Jaulin, 500 Marvel, 1000 S. A. Nutt. **From 3½-inch pots** — $5.00 per 100. 500 Mars, 200 America.

BEGONIA REX — Best varieties, in 2½ and 3-inch pots, $5.00 per 100.

CYPERUS ALTERNIFOLIUS—2-inch pots, 1000 at $2.50 per 100.

MATRICARIA—2-inch pots, 400 at $2.00 per 100.

HELIANTHUS RIGIDUS—2-inch pots, 250 at $2.50 per 100.

PENNISETUM LONGISTYLUM—2½ and 3-inch pots, 1200 at $3.00 per 100.

CAREX JAP. VAR. — 2-inch pots, 3500 at $2.50 per 100.

CANNAS—3-inch pots, Pierson's Premier, Chas. Henderson, Florence Vaughan and Queen Charlotte, $5.00 per 100.

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Nice stuff for vases, 6-inch pots, **$1.00** each. **$12.00** a doz. Also larger sizes.

Boston Ferns, 6-inch pots, **50c** each, **$6.00** a doz.

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JOHN WELSH YOUNG,

Upsal Station, Penna. R. R. **GERMANTOWN, PA.**

Palms Home Grown, Fine Clean Stock, Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

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The following varieties can be supplied in strong plants from 3-inch pots, well established for quick effect, $5.00 per 100; $40.00 per 1000.....

Alsace. Sulphur changing to white, 4½ ft.

Bronze Seedling. Rich bronze foliage, currant-red flowers, one of the best dark-leaved varieties, 4½ ft.

Luray. Pleasing deep rosy pink, 4 ft.

Mme. Crozy. Standard gilt-edge red, 4 ft.

Mlle. Berat. The best pink bedder, 4 ft.

Robert Christy. Bright orange-red, fine, 4½ ft.

Souv. de Antoine Crozy. Intense scarlet crimson, rich golden-yellow edge.

Souv. de President Carnot. Vermillion scarlet with bronze foliage, 6 ft.

Souv. de Mme. Leonie Vinot. Carmine with yellow edge, a fine bedder, 4 ft.

Wilhelm Bofinger. Rich scarlet, overlaid orange, very bright, 5 ft.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

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Geraniums. 2½-in. pots, in bud and bloom, of the following varieties:

KING OF THE SCARLETS,
COMMODORE NUTT,
MADAME BRUANT,
LA FAVORITE.

Strictly first-class; not drawn up; well foliaged, ready for immediate planting; equal to most of the 3-inch stuff sold. $3.00 per 100; $25.00 per 1000.

Moonflowers. 3-in. pots, well staked (not seedlings), $5.00 per 100.

Mme. Salleroi Geraniums. 2½-in. pots, $2.50 per 100.

Heliotrope. 3-in. pots, $4.00 per 100.

Coleus. Extra fine lot, 2½-in., $2.50 per 100; $20.00 per 1000.

Rooted cuttings **UMBRELLA PLANTS**, $1.00 per 100.

Rooted cuttings **PILEA** or **ARTILLERY PLANT**, 50 cents per 100.

Asparagus Sprengeri. 4-in. pots, $6.00 per 100; 3-in. pots, $4.00 per 100.

All the above is strictly first-class stock, and no drawn up, or weak, plants in the lot.

Cash with order. Satisfaction Guaranteed.

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Beauty, 15c per 100; $1.25 per 1000. Burpee's New Quarter Century, 20c per 100; $1.50 per 1000.

Cabbage—Early Jersey Wakefield, selected, $1.25 per 1000. **Pepper**—Ball-nose, Sweet Mountain, 20c per 100. **Allegheny Hollyhocks**—mixed colors, 25c per 100. **Smilax**—2-inch, $1.00 per 100; 3-inch, $2.50 per 100. Cash please.

MRS. GRISWOLD, WORTHINGTON, O.

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Daisies, 50 cts. per 100; $3.00 per 1000. **Pansies,** once transplanted, 60 cts. per 100; $3.00 per 1000; extra large plants in bud, $1.00 per 100; $8.00 per 1000. **Asparagus Sprengeri,** from flats ready for potting, $1.00 per 100; $8.00 per 1000; 2¼-in., $1.50 per 100. **Smilax,** 2-in., $1.00 per 100.

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Low prices on quantities for Fall delivery. Send us your list of wants.

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HERE GOES 50,000 Plants

Alternanthera, red, 2-inch	per 100,	$1.75
Ageratum, white and blue, 2-inch	"	1 25
Verbenas, 2-inch	"	1.25
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" " 4 and 5-inch	"	8 00
Stocks, Snowflake, 2-inch	"	1.00
Geraniums, 2-inch	"	2.00
" 3-inch, branched	"	3.50
Geraniums, from shelf, equal to 4 or 5-inch pot plants. Can be packed light at	"	4.00
Petunia, double fringed, 2-inch	"	2.00

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Cannas.

Bouvier, Star of '91, Crozy, Florence Vaughan, Austria, etc., etc., mixed, from 4-inch pots, $6.00 per 100.

Coleus, J. Goode, Verschaffeltii, Beckwith Gem, etc., 2¼-inch, at $3.00 per 100; $25 00 per 1000.
Centaurea, 3-inch, at $3 00 per 100.
Salleroi, 3-inch, at $3.00 per 100.
Petunias, 4-inch, dble. and single, $7.00 per 10

CRABB & HUNTER, Grand Rapids, Mich.

SHASTA DAISY!

The Latest Floral Wonder.

Plants 25c each; $2.50 per doz.; $15.00 per 100; $100.00 per 1000. 25 at 100 rate, 500 at 1000 rate.

100 Seeds, 50 Cents.

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Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and LATANIA BORBONICA

Price List for the asking.

Asters in pots, $1.00 per 100

SEMPLE'S, COMET, VICTORIA, TRUFFAUT'S PAEONY PERFECTION,

Three colors of each variety.

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The "DAISY" Oval Tag, No. 401.
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Low Priced. Samples Free.

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Store closes at 8 P. M. during June. Mention The Review when you write.

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FRESH TOBACCO STEMS. We have a large stock and offer for immediate acceptance—per bale (250 lbs.) $1.50; per ton, $8.50. Special price on large lots.

Florists' Bone Meal. A tried and tested brand which bespeak's quality. Per sack (200 lbs) $3.25; $28.00 per ton.

"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE. For scale on Palms, Mealy Bug, Red Spider, Black Fly on Chrysanthemums, Green Fly on Roses and Lilies it has no equal. Per pint can, 30c; per quart, 50c; per gallon, $1.25.

THE CYCLONE ATOMIZER SPRAYER fills a long felt want and no florist can afford to be without one. Tin, 50c; brass, 75c. Write for descriptive circular.

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.
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GRAND RAPIDS, MICH.

The weather still continues to be the all important subject. On May 10th we had a snow storm, a wild, blustering day it was and snow four inches deep on the level, then followed a spell of 90 degrees in the shade, but just before Decoration Day it turned cold for a while, the thermometer going to 32 degrees nearly all night, followed by bright days with sharp winds and rain, and rain, until you can't rest.

In spite of adverse weather conditions the crop of carnations as well as other flowers was never as abundant as this year, nor was the demand ever as great. All the supply was used up, and orders refused, there being nothing to fill them with. Decoration Day was ideal, as far a weather was concerned and the crowds taxed the ability of the greenhouse help to wait on them, particularly in the plant line. Geraninms were the principal plants bought and every plant in town with a flower on and lots without were sold, and they are now scarce, except for some small stuff still in 3-inch. The volume of business done was about 50 per cent on an average more than last year. All did a satisfactory business and are now getting the down town bedding attended to, boxes, hanging baskets, etc., delivered. The replanting of roses has also commenced.

Carnations were 35 and 50 cents per dozen, the latter being the regular price. Roses, $1.00 to $1.25 per doz. Lilies, $1.50 per doz., and Marguerites, 15c per doz. G. F. C.

Cleveland, O.—The J. M. Gasser Co. report the demand for flowers for Decoration Day as unprecedented. Not only was the supply inadequate, but the quality averaged very poor in roses, due to the remarkablo weather changes that preceded the holiday and the attacks of thrips that were developed by the hot spell.

Mt. Sterling, Ky.—Emil Fredrich reports trade here as better than ever before. Nothing left over but empty benches. Many customers had to go back with empty baskets. Mr. Fredrich will add a new house 20x80 this summer, giving him a total of 9,000 feet.

If you don't find what you want in our classified advs. let us know and we will ascertain for you where you may get it.

Ocean City, N. J.—G. P. Moore, the florist, died very suddenly May 2.

Cape Jasmine
CUT FLOWERS.

The most fragrant flower grown.
$1.00 per 100; $7.50 per 1000.
Can be shipped any distance with perfect safety and will keep for 10 days.

TEXAS SEED & FLORAL CO.
Wholesale Florists,
DALLAS, TEX.
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10,000 S. A. Nutt Geraniums,
$6.00 a 100, in bud and bloom.
1000 Mme. Salleroi Geraniums and 800 Col. Appleton Chrysanthemums,
at $4.00 a 100. The above are all from 3½-inch pots.
Also 700 Col. Appleton Chrysanthemums,
from 2½-inch pots, at $2.00 a 100.
—CASH—
C. L. HOWE, - DOVER, N. H.
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The finest now ready to cut.
H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.
Fine Pips from Cold Storage
$13.00 per 1000.
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Manufacturer of
MACHINE WIRED TOOTHPICKS
10,000....$1.50; 50,000....$6.25
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Samples free. For sale by dealers.
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Everything Seasonable for COMMENCEMENTS and WEDDINGS.
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SELECTED STRAINS OF Flower Seeds
FOR FLORISTS.
Primula Chinensis, Obconica Grandiflora, Forbesii and Stellata.
Write for catalogue.
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WHOLESALE GROWERS
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Flower Seeds and Bulbs.
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CUT PAEONIES

$15.00 per 1000.

Cut Carnations

$15.00 per 1000.

CHICAGO CARNATION CO.

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GERANIUMS!

Alphonse Ricard, Beaute Poitevine, Dble. Geu. Grant, Centaurea, Grand Chancellor, John Doyle, Gen. de Boisdeffre, Le Cid, Mme. Jaulin, Miss F. Perkins, Marquis de Montmort, Mme. Barney, Mme. Landry, S. A. Nutt, Granville, Jacquerie, L'Aube, Mrs. E. G. Hill, Single Gen. Grant, at $2.00 per 100, strong, from 2¼-inch pots.

Ivy Geranium in good variety, $2.00 per 100. Jean Viaud, Mme. Charotte and Mme. Canovas, strong, from 2¼-inch pots, $3.00 per 100. Write for special prices on large lots.

1,000 our selection of 5 to 10 varieties for $15.00
10,000 " " " " " $135.00

Variegated-leave Geranium, in var., $3.00 per 100.

Caladium Esculentum, 4 to 6-in., $1.00.
Alyssum, Giant Double and Dwarf Double, from 2¼-in. pots, $2.00 per 100.
Achyranthes Emersonii, 2-in. pots, $2 per 100; rooted cuttings, 75c per 100.
Alternanthera, from 2-in. pots, $2.00 per 100.
Ageratum, Stella Gurney, 2-in. pots, $2.00 per 100.
Heliotrope, from 2-in. pots, $2.00 per 100.
Coleus, 20 standard varieties, 2-in. pots, $2.00.
Cannas, in varieties, 3-in. pots, $5.00 per 100.
Swainsona Alba, 2-in. pots, $2.00 per 100.
Chrysanthemums, pompons, best collection known, 2¼-in. pots, $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.

CHRYSANTHEMUMS.

Standard Varieties.

Bonnaffon, Cullingfordii, Eureka, J. H. Woodford, Minerva, Mrs. Jerome Jones, Mrs. J. D. Whildin, Modesto, Mrs. S. T. Murdock, Mrs. John J. Glessner, Mrs. R. McArthur, Mrs. H. Weeks, Mrs. O. P. Bassett, Niveus, Rose Owen, V. H. Hallock, Prince of Wales, large-flowering, hardy white.

2½-in. pots, 30c per doz.; $2.00 per 100.

SPECIAL PRICE on CHRYSANTHEMUMS:
1,000 our selection of from 10 to 20 kinds, for $15.00
Write for prices on large lots.
CASH WITH ORDER.

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Asparagus Plumosus,

Strong plants from 2-inch pots,
$4.00 per 100; $30.00 per 1000.

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Strong plants from 2½-inch pots,
$3.00 per 100; $25.00 per 1000.

5,000 ENGLISH IVY,

Strong plants in 3-inch pots, $5.00 per 100; $35.00 per 1000.

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Maman Cochet Roses

PINK and WHITE.

The Out-door Summer Blooming Rose,
strong 4-inch pots, **$12.00** a 100.

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For Particulars Address
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Cut Flower Boxes

WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable, handy.** To try them once is to use them always.

DON'T USE OLD STORE BOXES.

If you have any doubt, send for samples, which speak for themselves.

Size No. 1	3x4½x16	$1.75	per 100;	$15.00	per 1000
" No. 2	3x6x18	2.00	"	18.00	"
" No. 3	4x8x18	2.40	"	22.00	"
" No. 4	3x6x20	2.75	"	25.00	"
" No. 5	4x8x22	3.00	"	28.00	"
" No. 6	4x8x28	3.75	"	35.00	"

The Livingston Seed Co., Columbus, O.
Box 104.

Mention The Review when you write.

FANCY or DAGGER FERNS $1.00 per 1000. Galax Leaves, Bronze or Green, 75c per 1000. Use our Laurel Festooning for your June decorations, its the best and cheapest in the market, 4c, 5c and 6c per yd. Bunched Laurel and Laurel Wreaths when wanted.

Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

We still have a few of the best varieties of 4-inch **CANNAS** left, also 3-inch.

Shall be glad to have you send us your wants in this line.

GEO. A. KUHL, PEKIN, ILL.

KANSAS CITY, MO.

Trade Items.

There is great rejoicing in Missouri and Kansas. The cause—a precipitation of five inches of rain. It is fourteen months since we had such a good soaking or even enough rain to thoroughly revive vegetation. The country hereabouts now looks flourishing and the Missouri river, which almost lost itself during the drought, is again filled to overflowing, assuring us of a sufficient water supply for the summer.

The volume of business done here last week was phenomenal and everything that looked like a flower from a potato blossom to the commonest garden rose, was put to some use. We had difficulty in getting enough choice stock for our public school commencement exercises, which were held early in the week, and it is gratifying to the trade that the custom of presenting flowers to the graduates is permitted and gaining in favor here.

Never was the demand so great for Memorial day as this year. We were expecting it and bought accordingly. To give an idea of the quautity of stock sold, there was no less than sixty big boxes of flowers shipped to this market from Chicago on Wednesday and Thursday, with rose orders only partially filled. Brides and Maids were poor and decidedly scarce. We noticed some very good Beauties in Arthur Newell's store which retailed at $10 a dozen. Arthur says he expressed on Wednesday to his country trade eighty-five boxes of flowers, ranging in price from $1 to $5 each. There was the usual call for floral designs, and outdoor material could only be used for such work. From Dallas, Texas, we got several thousand Cape Jasmines which were exceptionally good and helped us out fine.

Social affairs are disappointing and not what we expect at this season of the year.

The recent rains have greatly accelerated the sales on plants, and beddingout can now be done more expeditiously than it was two weeks ago. The contract for planting the parks and the paseo was awarded to W. J. Barnes.

John Vesey, who leased the old Baker greenhouses last fall, has proved his ability as a grower and is still cutting some fine carnations. His bedding stock compares favorably with any in town. Extensive improvements are planned for this summer. John is a hard worker and deserves success.

The learned Ross, who runs a store at 817 Walnut street, now smiles the full length of his counter and tells us he is in business to stay. Mr. Ross carries a large variety of stock and advertises liberally.

D. Friedenthall, who for three years has conducted a flower stand in the Union depot, was obliged to vacate owing to lack of room and is now nicely located across from the depot on Union avenue.

Fred Weber, of St. Louis, has been engaged by Mr. Kellogg to manage his store on Grand avenue.

George Braikenbury, of Pleasant Hill, Mo., has accepted a position with Arthur Newell. H. J. M.

PLYMOUTH, O.—Miss Fannie E. Case reports an excellent Decoration Day trade and business good in general.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Msnager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
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JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
51 Wabash Avenue, - - CHICAGO.
GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598.
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FRANK GARLAND,
Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
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MICHIGAN CUT FLOWER EXCHANGE.
WM. DILGER, Manager.
Wholesale Florist Commission,
Full line of Florists' Supplies and Decorations
Special attention to shipping orders.
26 Miami Avenue, DETROIT, MICH.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
437-439 Main St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

ANNUAL CLEARANCE SALE

To close out surplus stock we will offer the following goods at greatly reduced prices until sold. Orders filled in rotation. Order quick to insure these prices. Cash with order.

Sphagnum Moss Clean and fresh. 5 bales, $1.00; 10 bales, $7.00; 25 bales, $16.50.

Wheat Sheaves Per doz., A, $1.40; B, $2.25; C, $3.25; D, $4.50; E, $5.50; F, $7.00; G, $9.00.

Ribbons Best florists satin, all colors, per bolt, No. 5, 45c; No. 9, 70c; No. 12, 95c; No. 16, $1.10; No. 22, $1.20.

Cycas Leaves Best imported stock, 24 to 48 inches, assorted, per doz., $2.00; per 100, $15.00.

Cane Stakes 5 to 6 ft. long, per 1000, $1.50; 10000 for $10.00.

Baskets All kinds in assortments, $5.00, $10.00 and $25.00, 10 per cent less than regular prices.

Tin Foil Either 5 or 7-inch, 5 lbs., 45c; 10 lbs., 80c; 25 lbs., $1.95; 100 lbs., $7.50.

White Pampas Plumes Select stock, per 100, $2.50 per 1000, $20.00.
COLORED " " Assorted colors, per 100, $5.00

No quantity less than those named at prices quoted.

Remember we are **HEADQUARTERS** on all **CUT FLOWERS,** our main stay.

Specialties for School Closings and June Weddings

McKellar & Winterson Co.

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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FRANK M. ELLIS,

Wholesale Florist,

316 Pine Street, - - ST. LOUIS, MO

Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

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Always mention the Florists' Review when writing advertisers.

CUT FLOWERS

of Every Description

....AT....

HOLTON & HUNKEL CO.

MILWAUKEE, WIS.

Mention The Review when you write.

Anchorage Rose Houses'

NEW SHIPPING DEPOT

—IS—

632 FOURTH AVE., LOUISVILLE, KY.

Wire them there, as they are now prepared to furnish the finest Roses, Carnations, Adiantum and general florists' supplies, at short notice.

DON'T waste your time hunting through pages of miscellaneous advertising for what plants you want. Turn to our alphabetical classified ads. and you will at once find what you want, if it is in the market.

REMEMBER your employes have birthdays. Also remember that there is nothing else so mutually profitable for you to give them as a copy of the Florists' Manual, by Wm. Scott. The price is $5.00 a copy delivered.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Souv. de Bonn, $2.00 100, $15.00 1000. Abutilon, 6 best sorts, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

ACHYRANTHES.

Achyranthes Emersoni, 2-in. pots, $2.00 per 100; rooted cuttings, 75c per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUM.

Ageratums, 2 varieties, blue; fine plants in bloom, 3-in., $3.00 100. Crown Point Floral Co., Crown Point, Ind.

Ageratum Princess Pauline, 2¼-in. pots, $2.00 100; only a few left. Coolidge Bros., South Sudbury, Mass.

Ageratum Stella Gurney, 2-in. pots, $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Ageratums, dark and light blue, 3-in., 50c doz., $2.00 100.
C. Elsele, 11th and Jefferson Sts., Phila., Pa.

Alternanthera, red and yellow, price 2 cents. Biddison Bros., Raspburg, Balto. Co., Md.

Ageratums, white and blue, 2-in., $1.25 100. E. I. Rawlings, Quakertown, Pa.

Ageratum Princess Pauline, $1.50 100.
Good & Reese Co., Springfield, O.

ALTERNANTHERA.

Alternantheras out of 2-inch pots. Hermsdorf, $35.00 per 1000. P. Major, $20.00 per 1000. A. Nana, $16.00 per 1000. Strong plants, good colors. Cash with order. H. Stahlhut, New Lots Road and Shepherd Ave., Brooklyn, N. Y.

Alternantheras. Par. Major, red; Aurea, yellow. Fine bushy plants at $25.00 per 1000. Fred Schweizer, New Durham, N. J.

P. Major and Aurea Nana, $15.00 per 1000, Hermsdorff, $30.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

700 alternantheras, red and yellow; fine 2-in. pots, $1.50 per 100. The McKellar Greenhouses, Chillicothe, Ohio.

Alternantheras, red and yellow; strong plants from 2½-in. pots, $2.00 100; $15.00 1000.
Chas. W. Thompson, Bayonne, N. J.

Alternantheras, 2-in. pots, $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red; fine plants, $2.00 per 100. Cash. Geo. E. Faucourt, Kingsboro, Pa.

Alternantheras, red, 2-in., $1.75 100. E. I. Rawlings, Quakertown, Pa.

Alternantheras, red, $1.50 100.
Good & Reese Co., Springfield, O.

ALYSSUM.

Alyssum, Giant double and dwarf double, 2¼-in., $2.00 per 100.
R. Vincent, Jr. & Son, White Marsh, Md.

AMPELOPSIS.

Ampelopsis Veitchii, 4-in., 8c; 3-in., 5c.
W. H. Salter, Rochester, N. Y.

ANTIGANON.

Antiganon or Queen's Wreath, $2.00 100, $15.00 1000. Good & Reese Co., Springfield, O.

AQUATICS.

We are headquarters for Water Lilies and Aquatic Plants of all kinds.
H. A. DREER, 714 Chestnut St., Philadelphia.

ASPARAGUS.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000; A. Sprengeri, strong plants, 2½-in. pots, $3.00 100, $25.00 1000. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, heavy strings, 6 to 7 ft. long, 50c per string. J. Wm. Colflesh, 53rd and Woodland, Philadelphia, Pa.

Asparagus Sprengeri from flats, $1.00 100, $8.00 1,000; 2¼-in., $1.50 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 2-in., $2.00 100. A. plumosus, 2-in., $3.00 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, 4-in., $6.00 per 100; 3-in., $4.00 per 100. Cash with order. Critchell's, Cincinnati, Ohio.

ASPARAGUS PLUMOSUS NANUS. We devote twelve large houses to this specialty. 2-inch, immediate delivery, $4.00 per 100; $35.00 per 1000; 5000 for $150.00. Large one-year-old clumps from the bench for planting out. Will give several crops of strings the first season, $4.00 per doz.; $25.00 per 100; $225.00 per 1000. Fine plants from 4-inch pots, $2.50 per doz.; $18.00 per 100. Cut strings of asparagus at any time, $6.00 per doz.; $50.00 per 100. Asparagus, long sprays, $2.00 per 100; $20.00 per 1000.
Emerson C. McFadden, Telephone, 28A, Short Hills, Short Hills, N. J.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, 2½-in., strong, $2 25 100, $20.00 1000. Good & Reese Co., Springfield, O.

Asparagus Sprengeri and plumosus in 3, 4 and 5-in. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 3-in., good stock, $3.25 per 100. Hull Floral Co., Morris, Ill.

Asparagus Sprengeri, 4-in., $12.50 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus, 4-in., $10.00 100.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

ASTERS.

Semple's white, purple, rose, shell pink and lavender, separate colors, $2.50 per 1000; all colors, mixed, $2.00 per 1000.
Comet, Daybreak and Ostrich Feather, varieties and colors mixed, $2.50 per 1000, 35c per 100.
Special prices on large lots of mixed varieties. A. & G. Rosbach, Pemberton, N. J.

Asters. Transplanted plants of Semple's mixed colors; Victory, Giant Comet, Trauffant's Perfection, mixed. Fine plants, 40c per 100, $4.00 per 1000. Cash.
T. C. Breese, West Berlin, O.

Asters, transplanted plants of Giant Comet White, Semple's Branching, Carlson's Impr., Daybreak and Purity, 60c per 100, $4.00 per 1,000. Delivered free at your station for cash with order. Henry Diers, Sibley, Ill.

Aster plants. Semple's Branching and Queen of the Market, in white, pink, blue and red, fine plants, grown from the finest seed saved by myself, at $2.50 per 1000; 40c per 100. J. C. Schmidt, Bristol, Pa.

Asters in pots, $1.00 per 100. Semple's Victoria and Truffaut's Paeony Perfection, three colors of each variety. J. B. Shurtleff, Jr., Revere, Mass.

First-class aster plants of Semple's Branching and Queen of the Market, separate colors, 50c 100, $4.00 1000. Harry White, R. D. No. 6, Wabash, Ind.

Asters. Vaughan's Giant Comet—white, pink, crimson, blue—strong plants, 2¼-in., $1.25 100, $12.00 1000. Cash.
Buckley Plant Co., Springfield, Ill.

Asters. Transplanted plants of Semple's and Queen of the Market, fine, 35c per 100, $3.00 per 1000. Otto Bourdy, Lowell, Mass.

Asters. Transplanted plants of Semple's, strong, ready to set out, 50c per 100. W. G. Haehich, Auburn, Ind.

Semple's mixed Aster plants, $2.00 per 1000.
H. W. Wieland, Newtown, Pa.

BUSINESS BRINGERS—
Review
Classified Advs.

BANANAS.

The most ornamental, royal-like, and yet the most easily and quickly grown in North of all tropical plants. Every lover of horticultural magnificence should have a few. For next 30 days, strong bulbs postpaid $1.50 per doz.
South Florida Nursery Co., Dade City, Fla.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BAY TREES.

STANDARD and PYRAMID
Bay Trees. Cheapest and finest in the trade
Price list on demand.
DE SMET BROS., Nurserymen, Ghent, Belgium.

BAY TREES.

PYRAMIDS,	4 feet high	$10.00 a pair
"	5 feet high	12.00 a pair
"	5½ feet high	14.00 a pair
"	6½ feet high	20.00 a pair
"	7 feet high	22.00 a pair
"	8 feet high	25.00 a pair
STANDARDS,	dia. of crown, 24 in.	15.00 a pair
"	dia. of crown, 26 in.	18.00 a pair
"	dia. of crown, 28 in.	20.00 a pair
"	dia. of crown, 3 feet	30.00 a pair
"	dia. of crown, 3½ ft.	35.00 a pair
"	dia. of crown, 4 feet.	50.00 a pair
STANDARD BOXWOOD CROWNS.		5.00 a pair

All the above plants are in green-painted pots. Plants of perfect shape. Cash with order. If to be shipped outside New York, add 50 cents each for packing.
ANTON SCHULTHEIS, Florist,
P. O. Box 78. COLLEGE POINT, L. I.

BEDDING PLANTS.

	Per 100
AGERATUM, assorted, 2¼-in. pots	$3.00
ALTERNANTHERA Paronychioides major, Rosea nana, Aurea nana, 2¼-in. pots	3.00
ALYSSUM, Tom Thumb, 2¼-in. pots	3.00
ABUTILONS, assorted, 2¼-in. pots	3.00
ANEMONE Japonica, Alba, Rosea, Elegans, and Whirlwind	4.00
BEGONIA Vernon, fine for bedding, strong, 2¼-in. pots	4.00
BEGONIA Rex, fine assortment, 2¼-in. pots	4.00
BANANA, Abyssinian (Musa Ensete), strong plants, 6-in. pots, per doz	3.00
CANNAS, extra choice sorts, as follows:—Sam. Trelease, Robt. Christie, L. Patry, Mlle. Berat, Pres. Max. Michelli, Alsace, Luray, Robusta, Pierson's Premier, Florence Vaughan, etc.	8.00
CALADIUM Esculentum, extra strong started plants, 6-in. pots	15.00
COLEUS, assorted	3.00
CHRYSANTHEMUMS, assorted	3.00
DAHLIAS, assorted, 3-in. pots, fine variety	6.00
DAISIES, Shasta	12.00
DRACAENA Indivisa, 6-in. pots, strong, 2 to 2½-ft. high, per doz.	$6.00
DRACAENA Indivisa, 7-in. pots, strong, 2½ to 3-ft. high, per doz.	9.00
FERNS, small, for filling fern pans, extra strong plants, 2¼-in. pots	4.00
FERNS, Boston, 10-in. pans, extra heavy, each	$1.50 to $2.00
GERANIUMS, double General Grant, heavy plants in bloom	8.00
GERANIUMS, assorted, in bud and bloom.	8.00
HYDRANGEAS, large tubs for summer blooming, each	$2.00
IVY, English, extra strong plants, 2¼-in. pots	6.00
IVY, English, 3½-in. pots, fine tops	12.00
LEMON VERBENAS, 2¼-in. pots	4.00
LOBELIA Compacta and Gracilis	3.00
MOON FLOWERS, 2¼-in. pots	4.00
NASTURTIUMS, Tom Thumb—crimson, scarlet, and yellow—strong plants, 3½-in. pots	6.00
PETUNIAS, single, fancy-fringed hybrids	4.00
VINCA, Major and Elegantissima, extra strong, 2¼-in. pots	4.00
VINCA, Major and Elegantissima, extra size, 3¼-in. pots	10.00

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Geraniums, Poitevine, Nutt and double Gen. Grant, extra strong, 3-in., $3.50 per 100; 3½-4½ in., $4.00-$6.00 per 100. All fine stock, in bud and bloom. Coleus, yellow, strong, 2½-in., $1.75 per 100; red, $2.00. Petunias, single, large fringed, and Verbenas, strong, 3-in., in bud and bloom, $2.50 per 100. Mme. Salleroi geraniums, strong, 2½-in., $2.00 per 100. Ageratum, blue, strong, 2½-in., $1.50 per 100. Cash, please. Want Farquhar Violets, rooted runners.
Wm. S. Herzog, Morris Plains, N. J.

Cannas Florence Vaughan, Mme. Crozy, Chas. Henderson, Burbank, strong, 5-in., 7c.
Alternanthera, red and yellow, 2½-in., 2c.
Moonvines, 5-in., 7c.
Verbenas, fine stock, 2½-in., 2c.
Will exchange for small Boston Ferns, Carnation cuttings, Small Palms, or Asparagus P. N.
Cote Brilliant Nursery, 1902 Belt Ave., St. Louis, Mo.

	Per 100.
Mme. Salleroi Geraniums, 2-in.	$3.00
Centaurea Gymnocarpa, 2-in.	2.00
Petunia, double pink	3.00
Coleus, rooted cuttings	.75
Begonia Argenteo-Guttata, 3-in.	3.00

Cash with order.
Wm. Clark, Batavia, Ill.

Geraniums. Leading varieties, short, stocky plants in 4-inch pots, in bud and bloom, $7.00 per 100. Begonia Vernon, strong, healthy plants, $5.00 per 100. Cash, please. Wm. Schroeder, 10th St. and 1st Ave., Williamsbridge, N. Y. City.

BARGAINS.

Vincas, large plants, long vines, $10.00; Basket and vase plants, $2.50; Alternantheras, red and yellow, $2.00; yellow coleus and bouvardias, $2.50. Levant Cole, Battle Creek, Mich.

La Favorite geraniums, 4-in., strong plants, $6.00 per 100. Mme. Salleroi, 3-in., $3.50. Rex Begonias, 2-in., $3.00. Anthericums, 3-in., $3.00. Cash. Dann & Son, Westfield, N. Y.

Send for our revised list of miscellaneous bedding plants.
Greene & Underhill, Watertown, N. Y.

BEGONIAS.

Rex begonias, Lesoudsii and Clementina, $2.50 per 100. Begonias, Rubra, Thurstoni, Argenteo-Guttata, Alba Perfecta Grandiflora, $2.50 per 100. Other good varieties in assortment, $2.00 per 100. Schmidt & Botley, Springfield, O.

Begonias, tuberous-rooted, single, in 6 colors, $2.00 per 100; mixed, $1.80 per 100. Double, in 6 colors, $4.00 per 100; mixed, $3.50 per 100. N. Y. Market Gardeners' Ass'n., 39 Cortlandt St., New York.

Begonias—Rubra, Argenteo-Guttata, Carnot, De Lesseps, Metallica, large, strong, 2½-in. pots, $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

Begonia Rex, fine assortment, $4.00 100. Begonias, 10 best flowering sorts, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

Rex begonias of assorted kinds, named; 2-in., $4.00 per 100.
Harry White, R. D. No. 6, Wabash, Ind.

Begonia Rex, best varieties, 2½ and 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

BROWALLIA.

Browallia gigantea, fine, $2.00 100, $15.00 1000.
Good & Reese Co., Springfield, O.

BULBS.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

Caladium esculentum, 4 to 6-in., $1.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

CACTI.

Cereus flagelliformis, plants in bloom, $1.50 to $3.00 per doz. Fine plants, 50 for $2.00. Aloe picta, mixed sizes, 50 for $2.00. For cash only. Mrs. M. E. Patterson, Glendale, Cal.

Cacti and Succulents. Specialist, Importer and Exporter. Fraotz De Laet, Contich, Belgium.

CANNAS.

Strong, well-established plants, from 3-in. pots: Alsace, sulphur changing to white; Bronze Seedling, rich bronze foliage, currant-red flowers; Laray, deep rosy pink; Mme. Crozy, standard gilt-edge red; Mlle. Berat, the best pink bedder; Robt. Christy, bright orange-red; Souv. de Antoine Crozy, intense scarlet crimson, rich golden-yellow edge; Souv. de Pres. Carnot, vermillion scarlet with bronze foliage; Souv. de Mme. Leonie Vinot, carmine with yellow edge; Wilhelm Bofinger, rich scarlet.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Cannas—Burbank, Austria, Bronze Beauty (red foliage), and Gigantea (giant variety), strong roots, $1.00 per 100. Chas. Henderson, Austria, Paul Marquant and Alphonse Bouvier, well-established plants in pots, $3.00 per 100. Fairview Floral Co., Beatty, Ohio.

Strong plants of the following varieties, from flats: Shenandoah, Charles Henderson, Queen Charlotte, Italia, Star, Florence Vaughan, Austria, Peachblow, $3.50 per 100; $30.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Cannas Florence Vaughan, Queen Charlotte, $4.00 100; Chas. Henderson, Bronze Seedling, Austria, Burbank, Sunray, J. Mantell, Eldorado and Italia, $3.00 100. All strong plants from 3-in. pots.
W. A. WETTLIN, Hornellsville, N. Y.

Cannas, well started in 4-in. pots, at $6.00 per 100 of the following varieties: Alphonse Bouvier, J. D. Eisele, Allemania, Chicago, Compte Bouchard and Bassett's Red. H. N. Hoffman, Elmira, N. Y.

Cannas, started; 3-in. pots: Austria, $1.00 100, $6.00 1000; Bouvier, $2.50 100, $20.00 1000; Alsace, $2.00 100, $18.00 1000; Yellow Bird, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

Cannas. 75 Crozy, 30 Rob't. Christie, 60 F. Vaughan, 25 A. Bouvier, 50 Burbank, 50 Chas. Henderson. Plants in 3-in. and 4-in. pots, at $4.00 per 100. S. M. Harbison, Danville, Ky.

Cannas, 3 and 4-in. stock of Austria, Crampbell, Mme. Crozy and several others. All guaranteed good, $5.00 per 100. Cash please. J. A. Swartley & Sons, Sterling, Ill.

Cannas, Charles Henderson, Austria, Paul Marquant and Florence Vaughan, strong potted plants, $3.00 per 100. Schmidt & Botley, Springfield, O.

Cannas, fine strong plants in 3 and 3½-in. pots, mixed varieties, $5.00 per 100. T. C. Breese, West Berlin, Ohio.

Cannas, Pierson's Premier, Henderson, Fl. Vaughan, Queen Charlotte, $5.00 100. N. Smith & Son, Adrian, Mich.

Cannas Henderson, Cleveland. Mme. Crozy, etc., 3 and 4-in., $4.00 per 100. James Frost, Greenville, Ohio.

We still have left a few of the best cannas in 3 and 4-in. Geo. A. Kuhl, Pekin, Ill.

Cannas, in variety, 3-in., $5.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

BUSINESS BRINGERS—
Review
Classified Advs.

CAREX.

Carex jap. var., 2-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS

10,000 carnations from flats, fine stock, Scott, Crocker, pink Bobolink, G. Lord, Mac Richmond, McGowan, etc., $15.00 per 1000; 500 for $7.50. Cash. Benj. Connell, West Grove, Pa.

New carnations. Cressbrook and Fair Maid, from soil, $1.50 per doz., $10.00 per 100, $75.00 per 1000. H. Weber & Sons, Oakland, Md.

Send for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

Carnations. Send to us for prices on what you need.
Geo. Hancock & Son, Grand Haven, Mich.

For rooted carnation cuttings write to John Brod, 349 W. North Ave., Chicago.

CASSIAS

CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

CENTAUREA.

Centaurea candidissima, 2½-in. pots, $2.00 100. Crown Point Floral Co., Crown Point, Ind.

Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

CHRYSANTHEMUMS.

Chrysanthemums. Fine, strong plants from 2½-in. pots. Per 100:

T. Eaton	$4.00	Geo. S. Kalb	$3.00
N. Pockett	8.00	Ivory	3.00
Lady Roberts	8.00	Mrs. J. Jones	3.00
Mrs. E. D. Smith.	6.00	H. A. Parr	3.00
Golden Beauty	8.00	R. Halliday	4.00
Mrs. Chamberlain	8.00	Bonnaffon	3.00
Bergmann	3.00	Philadelphia	5.00
Willow Brook	3.00	Pennsylvania	5.00
Merry Monarch	3.00	Modesto	3.00
Polly Rose	3.00	Nagoya	3.00
M. de Montmort	3.00	Xeno	3.00
Glory of Pacific	3.00	Childs	4.00
Lady Harriett	6.00	Intensity	4.00
Maud Dean	4.00		

H. WEBER & SONS, Oakland, Md.

Chrysanthemums.—W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Parks, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.

Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
R. F. Tesson, West Forest Park, St. Louis, Mo.

NEW and CHOICE mums.

Col. Appleton	$2.50	Timothy Eaton	$3.00
Mrs. E. D. Smith.	4.00	T. Carrington	4.00
Mrs. Coomba	6.00	Wallerce	4.00

Nellie Pocket, $6.00

Prices are per 100 rooted cuttings; not less than 25 of a kind sold. Terms cash or satisfactory references.
W. A. CHALFANT, Springfield, Mo.

Chrysanthemums, the largest and finest stock in the country.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton		$3.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00
YELLOW.		
October Sunshine	2.00	2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whilldin	1.30	2.00
PINK.		
Montmort	1.30	2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
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SPECIAL—Immense stock of COL. APPLETON rooted cuttings, $15.00 per 1000; 2½-in. pots, $20.00 per 1000. BONNAFFON rooted cuttings, $10.00 per 1000; 2½-in. pots, $18.00 per 1000. Fine stuff.

No order filled for less than $2.00, or less than 10 of a variety.
POEHLMANN BROS. CO., Morton Grove, Ill.

Timothy Eaton,	Chadwick,
W. Bonnaffon,	Fl. Hayes,
Parks,	Pitcher,
Hobson,	Col. Appleton.

Rooted cuttings, $2.00 100; 2½-in. pots, $4.00 100.

N. Pockett,	Wanamaker,
H. J. Payne,	Bonnaffon,
Jerome Jones,	Perrin,
Maud Dean,	Lincoln,
Pink Ivory,	White Ivory
Shrimpton,	Newitt,
McArthur,	Rieman.
Harriott,	

Rooted cuttings, $1.50 100; 2½-in. pots, $3.00 100.

R. H. Pierson,	Robinson.
Glory of Pacific.	Polly Rose,

Rooted cuttings, $1.00 100; 2½-in. pots, $2.50 100.

Cash with order.
H. C. STEINHOFF, West Hoboken, N. J.

Chrysanthemums.	Standard varieties.
Bonaffon.	Minerva.
Cullingfordii.	Mrs. Jerome Jones.
Eureka.	Mrs. J. D. Whilldin.
Modesto.	Murdock.
Mrs. J. J. Glessner.	Mrs. R. McArthur.
Mrs. H. Weeks.	Mrs. O. P. Bassett.
Niveus.	Rose Owen.
V. H. Hallock.	Prince of Wales, large-flowering, hardy white.
J. H. Woodford.	

2½-in. pots, 30c per doz., $2.00 per 100, 1000, our selection, of from 15 to 20 kinds, for $15.00.

Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.
R. VINCENT, JR. & SON, White Marsh, Md.

Chrysanthemums, fine clean stock for immediate planting.

COL. APPLETON, 2½-in., $3.50 100; rooted cuttings, $2.50 100.

Henderson,	
Glory of Pacific,	Pres. Smith,
Mrs. Weeks,	Lincoln,
Bonnaffon.	Mrs. A. Hardy,
Merry Christmas,	White Jerome Jones,
Yellow Queen,	Yellow Jerome Jones,
Golden Wedding,	Mrs. Murdock,
Autumn Glory,	Maud Dean,
Yellow Mayflower,	Mrs. Bassett,
Mrs. Perrin,	White Ivory,
Robinson,	Pink Ivory.

Prices: 2½-in., $2.50 100, $20.00 1000; rooted cuttings, $2.00 100, $15.00 1000. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

Rooted chrysanthemum cuttings from young plants—the kind that will grow; Timothy Eaton, $2.00 per 100; Col. Appleton, $1.75 per 100, and we prepay charges if you send the cash. A postal brings back your money if you are not satisfied.
WM. GEENEN, Kimberly, Wis.

CHRYSANTHEMUMS — Continued.

Rooted cuttings, of the following varieties, at $1.00 per 100; Omega, Yanariva, Glory of Pacific, Eugene Dailledouze, Yaooma, Helen Bloodgood, Montmort, Lincoln, Mrs. Jerome Jones, Ivory, Pink Ivory, Yellow Fellow, Queen, Niveus, Golden Hair, Goldmine, Golden Wedding, Autumn Glory, Alice Byron, Wanamaker, Harry Hurrell, Domination. Cash with order. J. J. Arnold, Homer, N. Y.

50,000 chrysanthemums, 2¼-in. pots.

	Per 100	Per 1000
Timothy Eaton	$3.50	$30.00
Col. D. Appleton	3.00	25.00
Ivory, Maud Dean, Bonnaffon, Willow Brook	2.50	20.00
White Bonnaffon	4.00	

J. D. BRENNEMAN, P. O. Box 24, Harrisburg, Pa.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.
MRS. J. W. CROUCH, Chattanooga, Tenn.

Queen, Higlobotham, Bonnaffon, White and Yellow Monarch, Pres. Smith, Pink Ivory, Lincoln, Halliday, Mrs. H. Weeks, Golden Gate, Egan, Modesto, Glory Pacific, Pennsylvania, Chadwick, Western King, and others, $1.00 per 100; $8.00 per 1000. Cash. Byer Bros., Chambersburg, Pa.

1000 chrysanthemums, 2-in. pots, mixed var. of the following: Merry Monarch, Yanoma, Silver Wedding, Golden Wedding, Bonnaffon, Maud Dean, Quito, Robinson, V.-Morel, Dawn, and other good sorts. The 1000 for $12.00. Cash. C. G. Nanz, Owensboro, Ky.

2½-inch pots, Timothy Eaton, Col. D. Appleton, $4.00 per 100. The following at $2.50 per 100: 1000 Robinson, 1000 Maud Dean, 600 Bonnaffon, 500 Jones, 200 Chadwick, 200 Pennsylvania, 300 white Ivory, 300 pink Ivory. Edw. J. Taylor, Southport, Conn.

Chrysanthemums E. G. Hill, Robinson, Maud Dean, Yanoma, out of 2½-in. pots, $1.50; other varieties, $2.00 100. Col. D. Appleton, Modesto, Goldmine, Nagoya, out of 2½-in. pots, $3.00 100. Will exchange for cannas or palms. A. D. Montgomery, 1213 Broad St., Hazleton, Pa.

Chrysanthemum rooted cuttings. Marion Henderson, Maude Dean, Mrs. Weeks, Pres. Smith, Willow Brook, Ivory, G. Kalb, Glory Pacific, $1.00 per 100. Out of 2¼ and 2½-in. pots, $2.00 per 100. Cash with order. Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Chrysanthemums Timothy Eaton, Col. Appleton, Mrs. Weeks, Chadwick, Kalb and 40 other varieties, 3-in., $3.00 to $5.00 100. Same, 2½-in., $2.50 to $4.00. R. C.'s, $1.00 to $3.00 100. Extra fine stock. Geo. M. Brinkerhoff, Springfield, Ill.

Chrysanthemums, fine, strong plants from 2½-in. pots ready for planting. Pink and white Ivory, Weeks' Lager, Bergmann, Maud Dean, Glory of Pacific, Bonnaffon, and Polly Rose, $2.50 per 100, $20.00 per 1,000.
Chas. W. Thompson, Bayonne, N. J.

Rooted cuttings of Bonnaffon, Ivory, Lager, Henderson, White and Yellow Monarch and Glory of Pacific, at $1.00 per 100. Cash with order. H. Stahlhut, New Lots Road and Shepherd Ave., Brooklyn, N. Y.

Ready now, from 2¼-inch pots, $2.00 per 100. Cash with order. White Bonnaffon, Jones, white, Robinson, Ivory, Major Bonnaffon, Jones, yellow, Childs, Rieman, Perrin and others. Paul Fischer, Wood Ridge, N. J.

Chrysanthemum rooted cuttings. Pacific, Jones, White and Yellow Monarch, Simpson, Montmort, Castlewood, Leach and Dean, $1.00 100, $9.00 1000. Cash with order, please. Emil Leuly, West Hoboken, N. J.

Chrysanthemums, Timothy Eaton, Maud Dean, $2.50 per 100. Weeks, Bassett, Minerva, McArthur, Woodford, $1.50 per 100. Vinca var., 3-in., $2.50 per 100. Llewellyn, Olean, N. Y.

Chrysanthemums out of 2½-in. pots, fine strong plants: Timothy Eaton and Malcolm Lamond, 5c.; Modesto and Yanoma, 4c; Bonnaffon and Parr, 3c. John Wolf, Savannah, Ga.

Chrysanthemums. Timothy Eaton, from sand, $2.50 100; 2¼-in. pots, $3.75 100; Col. D. Appleton, 2¼-in. pots, $3.00 100. G. Hanson, 1021 So. Cameron St., Harrisburg, Pa.

Chrysanthemums, 2½-in. pots, per 100: Bonnaffon, T. L. Park and Maud Dean, $2.00; Appleton, $2.50; Timothy Eaton, $3.00. Coolidge Bros., South Sudbury, Mass.

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Chrysanthemums from 2¼-in. pots. Timothy Eaton and Col. Appleton, by mail postpaid, 75c per doz.; express, $5.00 per 100.
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Chrysanthemum rooted cuttings of mixed varieties, $1.00 per 100. E. Daske, E. Broadway, E. Toledo, Ohio.

Col. Appleton chrysanthemum plants from 2½-in. pots, $2.50 per 100. H. W. Field, Northampton, Mass.

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Large-flowered clematis, 2 year, dormant or from 5-in. pots, 18c; fine 1 year, 9c. C. paniculata, 2 year, dormant, 6c; from 5-in., 10c; extra from 6-in., 18c.
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Clematis, large-flowering varieties, strong plants, $4.00 doz. C. Paniculata, strong plants, 3-in., 75c doz., $5.00 100; 4-in., $1.50 doz., $10.00 100.
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Clematis, 12 choice kinds, large-flowering. From 4-in. pots, $2.00 doz., $16.00 per 100; 25 at 100 rate. F. A. Baller, Bloomington, Ill.

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Cobaea scandens, 3-in., 18 inches high, $4.00 100. Crown Point Floral Co., Crown Point, Ind.

Cobaea scandens, 3-in., 50c doz., $4.00 100. C. Eisele, 11th and Jefferson Sts., Phila., Pa.

COLEUS.

Verschaffeltii, Golden Bedder, Golden Queen, $5.00 per 1000. Fancy mixed, brightest colors only, $4.00 per 1000. Giant leaved in variety, colors brilliant, grand, 75c. per 100. Topped strong branchy plants from soil, heavy rooted, for immediate planting, $1.50 per 100 in assortment. Daniel K. Herr, Lancaster, Pa.

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Coleus, 2½ and 2¼-in. pots, $3.00 per 100. Cash. Geo. E. Buxton, Nashua, N. H.

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Croton aurea maculata, best bedder, $2.00 100, $15.00 1000. Good & Reese Co., Springfield, O.

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Cyclamen Giganteum. Extra strong July seedlings in separate colors.

	Per 100.
2½ inch pots	$ 4.00
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Cyperus alternifolius, 2-in., $2.50 100.
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50,000 dahlias, strong plants from 2¼-inch pots. 30 best sorts for cut flowers in best assortment; all labeled, true to name, $4.00 per 100. A. B. Davis & Son, Purcellville, Va.

Dahlias, mixed, $3.00 100.
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Burbank's Shasta daisy. Plants, 25c each, $2.50 doz., $15.00 100, $100.00 1,000; 25 at 100 rate, 500 at 1,000 rate. California Carnation Co., Loomis, Cal.

Daisies. Marguerite, Mme. Guilbert, best white, $1.50 100, $10.00 1000.
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Marguerite daisies, R. C., $1.50 per 100. Only a few thousand. Geo. Smith, Manchester, Vt.

Daisies, 50c 100, $3.00 1,000
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Dracaena indivisa, 2 to 3 plants to pot, 2 ft. high, $4.00 doz. J. Wm. Colflesh, 53rd and Woodland, Philadelphia, Pa.

Dracaena indivisa, 6-in. pots; fine strong plants, $5.00 doz. Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, good stock, 2¼-in., $2.25 per 100. Hull Floral Co., Morris, Ill.

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Eulalia japonica, nice clumps, $4.00 per 100. For cash only. Mrs. M. E. Patterson, Glendale, Cal.

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ANDERSON & CHRISTENSEN, Telephone 29 J, Short Hills, N. J.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
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Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000, Beard Bros., West Fort St., Detroit, Mich.

Ferns, mixed; leading and most useful varieties, $3.00 per 100. Strong Pteris tremula, $4.00 per 100. B. B. Baker, Norwood, Ontario.

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Ferns for fern dishes, 2-in. pots, $3.00 100, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Boston ferns in all sizes, from 4 to 10-in. pots. Let us hear from you. Geo. A. Kuhl, Pekin, Ill.

Ferns. Pteris tremula, Onychium japonicum, Cretica and Ouvrardii. Write for special prices.
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Boston ferns, bushy plants, 6-in., 50c each, $6.00 doz. John Welsh Young, Germantown, Pa.

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All the best northern-grown STRAWBERRY plants. We have about 30 of the best varieties; also other small fruit plants. Our prices are right. Our stock is right. Send for our spring list. Wilfrid Wheeler, Box 600, Concord, Mass.

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Fuchsia, double white, Mrs. E. G. Hill, Rosanis Patri Glorie des Marchea, $2.50 per 100. Fuchsias in good assortment, $2 per 100. Schmidt & Botley, Springfield, O.

Fuchsias, best sorts, fine plants, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

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Gardenia florida flo. pl., first-class outdoor-grown plants several times transplanted, well-rooted and branched, free from scale. First size, 24 to 36 inches, splendidly branched, in bud, $20.00 per 100; 2nd size, 18 to 24 inches, branched and budded, $15.00 per 100; 3rd size, 12 to 18 inches, branched, $8.00 per 100. Rooted cuttings from 2½-in pots, $2.00 per 100. B. H. RITTER, Port Royal, S. C.

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Gazania splendens, 3-in., bud and flower, $5.00 per 100. E. & C. Woodman, Danvers, Mass.

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GERANIUMS in bud and bloom from 3, 4 and 5-in. pots, at $5.00, $8.00 and $10.00 per 100; new and standard varieties. Will make up collections of not less than five of each of the following: Mme. Landry, Mrs. E. G. Hill, Profusion, Jules Claretie, Bellerophon, H. De Barville, Dr. Despres, Prediction, Apothose, La Fraicheur, Mantau, De Feu, Mme. Goyeux, Marvel, Dr. Beaumetz, Mme. T. Noisette, Thos. Meehan, Jean Viaud.

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LITTLE PINK sells on sight; your customers will want it if you have it. BUY IT NOW. We also have strong vinca variegata from 3-in. at $5.00 100. Our stock is in prime condition—none better. W. E. HALL, Clyde, Ohio.

Here is what you want and we want room. GERANIUMS composed of S. A. Nutt, Richard Brett, La Pilot, Frances Perkins, Beaute Poitevine, Double Gen. Grant, Bruanti, Ruy Blas, Gloire de France, Centaurean, Alphonse Ricard, Margaret de Leyas, Jas. Gaar, Wunder, Granville, La Favorite, Mme. Bruant and several other varieties in 2¼-in. pots. We also have Rose Geraniums. We don't say that we have a hundred thousand, but we will be pleased to receive orders for a hundred, thousand or a hundred thousand at the following prices: $2.50 per 100, $25.00 per 1000, or $100.00 for 5000. Cash with order.

J. E. FELTHOUSEN, Schenectady, N. Y.

Best recent introductions: Mme. Charotte, Jean Viaud, Mme. Landry, Charron, 2-in., $3.00 100. Standard varieties: Nutt, Mars, Marvel, Mme. Buchner, La Favorite, Duc de Montmort, Theo. Theulier, Castiers, Bruant, Pierre Le Brun, 2-in., $2.50 100. Strong frame-grown: Duc de Montmort, Jaulin, Marvel, Nutt, 4-in., $7.00 100. Mars and America, 3½-in., $5.00 100.

N. SMITH & SON, Adrian, Mich.

10,000 Geraniums. A fine lot of mixed pink Geraniums, single or double, in 4-in. pots and boxes, all in bud and bloom, at $7.00 per 100. S. A. Nutt and Gen. Grant, extra fine plants, $8.00 per 100. Cash with order, please. H. M. Woundy, New Canaan, Conn.

Fine pot plants and rooted cuttings of the following geraniums: Nutt, Dbl. and Sgl. Grant, La Favorite, Hill, Ricard, Crozy, Red Bruant, Mme. Jaulin, Chancellor, America and Mt. of Snow. Write for prices. Greene & Underhill, Watertown, N. Y.

Geraniums in variety, strong 2¼-in., $2.00 per 100. Jean Viaud, Mme. Charotte and Mme. Canovas, 2¼-in., $3.00 per 100. 1000, our selection, of 5 to 10 var., for $15.00. Variegated-leaved geraniums, $3.00 per 100.

R. Vincent, Jr. & Son, White Marsh, Md.

500 standard geraniums, all standard, best sorts, in bud or bloom, out of 3, 3½ and 4-in. pots. Mixed sizes, $3.75 per 100. The lot for $17.50. Be quick if you want a big bargain. Cash, please. C. H. Higbee, Casey, Ill.

Geraniums, 3½ to 4-inch; 20 leading varieties in single and double; every one in bud and bloom, $6.00 per 100. No better at any price. J. G. Reynolds & Son, 261 West Pulteney St., Corning, N. Y.

Geraniums, 2½-in., in bud and bloom. King of the Scarlets. Nutt, Bruant, La Favorite, $3.00 per 100, $25.00 per 1000. Mme. Salleroi, 2½-in., $2.50 per 100. Critchell's, Cincinnati, Ohio.

Geraniums S. A. Nutt and Mme. Thibaut, fine strong plants, in bud and bloom, from 4-in. pots, $6.00 per 100. Cash or C. O. D. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Geraniums, Double and Single Grant in bud and bloom, 4-in. pots, $6.00 per 100; 5-in., $7.00 per 100. Cash with order. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Geraniums. Apple Scented, $2.50 100; Scented, Oak-leaved, Shrubland, Balm, Lemon, Broad and Cut-leaf Rose, $2.00 per 100. Good & Reese Co., Springfield, O.

Geraniums, strong plants, best bedders, $2.00 per 100. Cash with order. Mrs. M. Cavanaugh, Ionia, N. Y.

Geraniums, mixed, to close out at $2.00 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, best scarlet and other good bedders; strong 2½-in., $2.00 per 100; 4-in., $7.00 per 100. Mayer & Sons, Willow Street, P. O., Lanc. Co., Pa.

Geraniums, 2-in., $2.00; 3-in., $3.50; from shelf, equal to 4 or 5-in. pot plants; can be packed light, $4.00 100. E. I. Rawlings, Quakertown, Pa.

Several thousand S. A. Nutt geraniums, in bud and bloom, from 4-inch pots, $6.00 per 100. Cash or satisfactory reference. J. J. Arnold, Homer, N. Y.

Geraniums, mixed—pink, white and scarlet, and pansies; free bloomers and good bedders. Write for prices on 1000 lots.

J. Dunn, Orra Mills, N. Y.

Extra fine plants of Nutt, Ricard, Harrison and Poitevine, 3½ and 4-in. pots, $75.00 per 1000. Cash. Geo. E. Buxton, Nashua, N. H.

10,000 Nutt geraniums, in bud and bloom, 3½-in., $6.00 100, 1,000 Mme. Salleroi, 3½-in., $4.00 100. Cash. C. L. Howe, Dover, N. H.

Geraniums, good varieties, 4 and 4½-in. pots, nice plants in bloom, $7.00 100; 3-in., $4.00 100. Crown Point Floral Co., Crown Point, Ind.

Geraniums in bud and bloom, strong plants out of 4-in., $6.00 per 100. Cash. R. Steger, 101 Newton St., Fredonia, N. Y.

Geranium Frances Perkins, best pink, in bloom, 3-in., $4.00 100; 2½-in., $2.00 100. Coolidge Bros., South Sudbury, Mass.

Rose Geraniums, out of 2¼-inch pots, $2.50 per 100. A. L. Miller, Jamaica Ave., opposite Schenck Ave., Brooklyn, N. Y.

Geraniums, 1000 assorted; leading single and double, 4-in. pots, $6.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Geraniums in bloom, fine stocky plants, 4-in., $8.00 100; 3-in., $5.00 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

Geraniums, Gen. Grant, in bud and bloom, ready to plant out; 2½-in., $3.00 100. C. A. Schaefer, York, Pa.

Finest bedding varieties of geraniums, in bud and bloom, 3½-in., $6.00 100. J. L. Dillon, Bloomsburg, Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

GLADIOLI.

Gladioli, mixed colors, No. 1 size, 1¼ to 1¾ inches, $6.00 per 1000; No. 2 size, ⅞ to 1¼ inches, $4.50 per 1000. N. Y. Market Gardeners' Ass'n, 39 Cortlandt St., New York.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

GREVILLEA.

Grevillea robusta, fine for vases, $1.00 100, $6.00 1000. Good & Reese Co., Springfield, O.

HARDY PLANTS.

Hardy Myrtle, field-grown clumps, $6.00 per 100. Coreopsis Lanceolata, field grown clumps, $6.00 per 100. Catchfly, field grown clumps, $6.00 per 100. Rudbeckia Golden Glow, out of 4-inch pots, $6.00 per 100. A. L. Miller, Jamaica Ave., opposite Schenck Ave., Brooklyn, N. Y.

Box, evergreen; fine for borders, $2.50 100, $20.00 1000. Rudbeckia Golden Glow, $2.00 100. Good & Reese Co., Springfield, O.

ALL HOLLAND NURSERY STOCK.
ENDTZ, VAN NES & CO.,
BOSKOOP. Catalogue free. HOLLAND.

Will make special price on Hall's honeysuckle. Levant Cole, Battle Creek, Mich.

HELIANTHUS.

Helianthus rigidus, 2-in., 250 at $2.50 100. N. Smith & Son, Adrian, Mich.

HELIOTROPE.

Heliotropes, 2-in. pots, $2.00 per 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Heliotrope, 3-in., $4.00 per 100. Critchell's, Cincinnati, Ohio.

Heliotropes, 6 best sorts, $1.00 100, $6.00 1000. Good & Reese Co., Springfield, O.

HIBISCUS.

Hibiscus, 10 best sorts, $2.00 100, $15.00 1000. Good & Reese Co., Springfield, O.

HONEYSUCKLES.

Honeysuckle, 4 sorts, $2.00 100, $15.00 1000. Good & Reese Co., Springfield, O.

HOLLYHOCKS.

Allegheny hollyhocks, mixed colors, 25c 100. Cash. Mrs. Griswold, Worthington, O.

HYDRANGEAS.

Hydrangeas Thomas Hogg and Otaksa, 2½-in. pots, $4.00 per 100. Same, 4-in., $8.00. Otaksa, 6-in., $20.00. Mariesi, 4-in. $10.00, extra nice. Phoenix Nursery Co., Bloomington, Ill.

Hydrangeas hortensis and Otaksa, 6 and 7-in. pots, good plants, $6.00 and $9.00 doz.; in bud and bloom. Crown Point Floral Co., Crown Point, Ind.

200 2½-in. hydrangeas, pink and white, $3.00 per 100. The 200 for $5.00. Cash. C. G. Nanz, Owensboro, Ky.

Hydrangea pan. grand. Special price to move stock. Levant Cole, Battle Creek, Mich.

Hydrangea pan. grand., nicely rooted layers, 2c. W. H. Salter, Rochester, N. Y.

ICE PLANTS.

Ice plants, from 2¼ and 2½-in. pots, $3.00 per 100. Cash. W. S. Nichol, Barrington Centre, R. I.

IMPATIENS.

Impatiens Sultani, always in bloom, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

IVY.

2000 English Ivy. Runners, 4 to 6 feet long, two plants to pot, out of 4-in. pots, $10.00 per 100. Strong rooted plants, from soil, $10.00 per 1000. John Albrecht, Pencoyd (near Philadelphia), Pa.

Ivy plants, 2½-in. pots, three feet long and over, 4 cents; under 3 feet, 3½ cents. Ed. Herrmann, North and Milton Avenues, Baltimore, Md.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000. Isaac H. Moss, Govanstown, Baltimore, Md.

English ivy, 3-in., 75c doz., $5.00 100. C. Eisele, 11th and Jefferson Sts., Phila., Pa.

JASMINES.

Jasmines, $1.00 per 100, $7.50 per 1000. Can be shipped any distance with perfect safety. Texas Seed & Floral Co., Dallas, Tex.

Jasmine Grand Duke, large, strong, 2½-in. pots, $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

LANTANAS.

Lantanas, in variety, $2.00 100, $15.00 1000. Weeping, $1.50 100, $10.00 1000.

Good & Reese Co., Springfield, O.

Lantana, Le Naine, best dwarf var., 2½-in., 40c. doz., $3.00 100.

C. Eisele, 11th and Jefferson Sts., Phila., Pa.

Lantanas, strong, 2½-in. pots, $1.50 per 100.

C. M. Niuffer, Springfield, Ohio.

Lantanas, bud and bloom, 2½-in., $2.50 100.

E. G. Bunyar, Independence, Mo.

Trailing lantanas, $2.00 100.

E. G. Hill Co., Richmond, Ind.

LEMONS.

Lemon ponderosa, 2½-in., $2.50 100, $22.50 1000; 4-in., $5.00 100, $40.00 1000; 8-in., 3-ft. high, $25 00 100. Good & Reese Co., Springfield, O.

LILY OF THE VALLEY.

Finest Lily of the Valley pips from cold storage, $13.00 per 1000. H. N. Bruns, 1409-1411 West Madison St., Chicago.

LINUM.

Linum trigynum, $1.50 100, $10.00 1000.

Good & Reese Co., Springfield, O.

LOBELIAS.

Lobelia speciosa, 2½-in. pots, $3.00 100. Crown Point Floral Co., Crown Point, Ind.

MAHERNIA.

Mahernia, Honey Bells, $1.50 100.

Good & Reese Co., Springfield, O.

MATRICARIA.

Matricaria, 2-in., $2.00 100.

N. Smith & Son, Adrian, Mich.

MOONFLOWERS.

Moonflowers, 3-in., well staked (not seedlings), $5.00 per 100. Critchell's, Cincinnati, O.

Moonvine, 4-in., $6.00 per 100. James Frost, Greenville, Ohio.

Moonvines, blue and white, $2.50 100.

Good & Reese Co., Springfield, O.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

MYRTLE.

1,800 extra heavy myrtle plants from 2½-in. pots, $3.00 100, $25.00 1000; rooted cuttings from flats, $1.50 100. Chas. Schwelgert, Niles Center, Ill.

Are you looking for someone who is looking for a bargain? You'll find him—by advertising that bargain in the Review's classified advs.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.
Hall's Nurseries, Cherry Valley, Ill.

PAEONIES—September shipments.
J. F. Rosenfield, West Point, Neb.

PALMS ETC.

	Inch pots.	Inches high.	Each.	100
ARECA LUTESCENS.				
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....
KENTIA BELMOREANA.				
Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.
Wanted—500 small asparagus plumosus nanus in exchange for above.
W. J. HESSLER, PLATTSMOUTH, NEB.

LATANIAS.

Plants to pot.	Leaves.	Per Plant.
2 to 4	18 to 22	$4.00
2 to 4	15 to 18	3.50
2 to 3	12 to 15	3.00
1 to 3	8 to 10	2.75
1	7 to 8	2.50

From 6-in. pots, 1 plant to pot, 16 to 18 inches high, 50c each.
Pandanus Utilis, 5-in. pots, $5.00 per doz.
J. Wm. Coldesh, 53rd and Woodland Ave., Philadelphia, Pa.

Palms, cheap to make room. Very large LATANIA BORBONICA, from 10 to 14-in. pots, $2.50 each. Cash.
M. Weiland, 602 Davis St., Evanston, Ill.

200 good strong Kentia Belmoreana plants, 3-in. pots, $25.00 the 200. Crown Point Floral Co., Crown Point, Ind.

Kentias—best bargain of recent date, 2-in., $6.00 100; 3-in., $10.00 100; 4-in., $20.00 100.
E. G. Hill Co., Richmond, Ind.

PALMS. Fine young stock from 2½-in., all the leading sorts. $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Pandanus Veitchii, nice for vases, 6-in., $1.00 each. Also larger sizes.
John Welsh Young, Germantown, Pa.

Kentia Belmoreana, 2¼-in., $40.00 per 1000. Sunnyside Ferneries, Secaucus, N. J.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Gold medal pansy, Mme. Perret, finest for cut flowers; won gold medal at Pan-American Exposition; the seed was supplied by me; same quality furnished; trade pkt. 50c, oz. $5.00. Giant Trimardeau, mixed, oz. $2.00. Other varieties at market prices.
BEAULIEU, Woodhaven, N. Y.

Pansies, once transplanted, 60c 100, $3.00 1000; extra large plants in bud, $1.00 100, $8.00 1000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies, Dreer's best strain; commenced blooming; $1.00 100, $8.00 1,000. Crown Point Floral Co., Crown Point, Ind.

Fine pansy plants, bud and bloom, $1.00 per 100. E. G. Runyar, Independence, Mo.

PENNISETUM.

Pennisetum longistylum, 2½ and 3-in., $3.00 100. N. Smith & Son, Adrian, Mich.

PEPPERS.

Oriental peppers, fine 2-in. stock for growing on for winter, $2.00 per 100.
Haskell Ave. Floral Co., Dallas, Tex.

PETUNIAS.

Petunias, Dreer's and Henderson's best doubles, immense; 4-in. $7.50, 3-in. $3.00, 2½-in. $2.00; all in flower and bud. Geo. M. Brinkerhoff, Springfield, Ill.

PETUNIAS, double-fringed, strong plants from 2½-in., in bud and bloom, $1.50 100, $14.00 1000; 500 at 1000 rate. Cash. Buckley Plant Co., Springfield, Ill.

Petunias, double and single, fringed, 2½-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Double-fringed, 2-in., $2.00 100. E. I. Rawlings, Quakertown, Pa.

PHRYNIUM.

Phrynium variegatum, $2.00 100.
Good & Reese Co., Springfield, O.

PILEA.

Pilea or Artillery Plant, 50c per 100. Critchell's, Cincinnati, Ohio.

PLUMBAGO.

Plumbagos, white, $2.00 100.
Good & Reese Co., Springfield, O.

PRIMULAS.

Primula obconica, $2.00 100, $15.00 1000.
Good & Reese Co., Springfield, O.

ROSES.

2 cents. ROSES. 2 cents.

To close out for cash. Strong plants from 2½-inch pots, in the following varieties:

Archduke Charles,	Media,
Agrippina,	Marie Van Houtte,
Bride,	Mme. Margottin,
Bridesmaid,	Malmaison,
Bon Silene,	Marechal Niel,
C. Soupert,	Maid of Honor,
Catherine Mermet,	Mme. Abel Chatenay,
Climbing Wootton,	Mrs. Robert Garrett,
Climbing Meteor,	Mme. Cecile Berthod,
Dr. Grill,	Papa Gontier,
Devoniensis,	Pink Soupert,
Duchess de Brabant,	President Carnot,
Folkestone,	Princess Venosa,
F. Kruger,	Queen's Scarlet,
Golden Gate,	Reine Marie Henriette,
Geo. Bancroft,	Snowflake,
Kaiserin,	Souvenir de Wootton,
La Princess Vera,	Striped La France,
Mme. Lambard,	Sylph,
Mme. Camille,	Solfaterre,
Marie Guillot,	The Queen,
Mme. Jos. Schwartz,	Tri. de pernet Pere,
Maman Cochet,	Victor Hugo,
Mrs. Degraw,	White La France,
Meteor.	

Price, $2.00 per 100. Not less than five of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.
R. H. Murphey & Son, Urbana, O.

California field-grown rose bushes; hardy, tender, own root, root grafted. We are booking contracts now for delivery winter and spring of 1904 in any quantity and variety wanted. Send us your list in variety, with quantity each wanted and we will make prices delivered. You can save money by contracting with us in advance. Further, you can make ample provisions for selling them. It will pay you to talk this matter over with us by letter, and the quicker you get about it the better. California Rose Co., Los Angeles, Cal.

I offer the following clean and healthy surplus stock:

Mme. Cusin	2½-in. pots
Sunrise	2½-in. "
Liberty	2½-in. "
Mme. Watteville	3-in. "
Mme. Caroline Testout	3-in. "

and after July 1st, a limited number of grafted two and three-year-old LIBERTIES, lifted from bench. Prices on application.
E. G. Asmus, West Hoboken, N.J.

ROSE PLANTS from 2½-inch pots.

	100	1000
Meteor	$3.00	$25.00
Perle	3.00	25.00
Bride	3.00	25.00
Bridesmaid	3.00	25.00
Golden Gate	3.00	25.00

GEO. REINBERG, 51 Wabash Ave., Chicago.

ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	3-in. Per 1000	3-in. Per 1000
Maids	$3.00	$25.00	$40.00
Brides	3.00	25.00	40.00
Meteors	3.00	25.00	40.00

Golden Gates, 2½-in., $3.00 per 100, $25.00 per 1000; 3-in., $4.50 per 100, $40.00 per 1000.
POEHLMANN BROS. CO., Morton Grove, Ill.

ROSES from 2-inch pots, your selection of varieties, for 40c per doz.; $2.00 per 100 and $18.00 per 1000. You can select 25 of one variety at 100 rates or 250 of one variety at 1000 rates. For list of varieties see displayed adv. in this issue. REMEMBER we are the largest rose growers in the world.
GOOD & REESE CO., Springfield, O.

Brides, Bridesmaids, Meteors and Golden Gates.

	1000
2-inch rose pots	$30.00
3-inch rose pots	45.00
4-inch rose pots	60.00

Good, clean, well-established stock.
BASSETT & WASHBURN, 76 Wabash Ave., Chicago.

Rose plants, well-established: Bridesmaid, Bride, Perle, Golden Gate and Meteor, 2½-in., $3.00 100, $25.00 1000; Liberty, 2½-in., $12.00 100, $100.00 1000; American Beauty, 2½-in., $6.00 100, $50.00 1000; 3-in., $8.00 100, $75.00 1000.
P. REINBERG, 51 Wabash Ave., Chicago.

	Per 100.	Per 100
4000 perles, 3-in. pots	$4.00	$35.00
1500 La France	4.00	35.00
5000 Kaiserin	4.00	35.00

J. D. Brenneman, Box 24, Harrisburg, Pa.

3000 young roses, 2½-in.; good strong plants. Brides, Maids and Woottons, equally divided, $2.00 per 100. Also 2000 3-year-old Brides, Maids, Kaiserins and Woottons, 7c each. A. C. Anderson, Tipton, Ind.

3000 H. T. and H. P. roses. Fine assortment 4-in. pots, $5.00 per 100; 2500 Bride, Perle, Hermosa, Mosella, Marie Guillot and others, 2½-in., $2.50 per 100. Phoenix Nursery Co., Bloomington, Ill.

SUNRISE has always taken a premium wherever shown; will be planted more generally than last season; 2¼-in. pots, $10.00 per 100; 3-in., $15.00 per 100.
Myers & Samtman, Chestnut Hill, Phila., Pa.

La France, Perle and Roger Lambelin No. 1 stock, to close out, $2.00 100. Winnie Davis, the new rose, $2.50 100. All good plants for planting. Jos. Laihr & Son, Springfield, Ohio.

Roses, 3-in. stock: Golden Gate, $5.00; Perles, $6.00; Beauties, $10.00; Meteor, $5.00. Excellent stock. Some choice 2¼x3-in. Maids, Brides and Golden Gates, $25.00 1000; $3.00 100. W. H. Gullett & Sons, Lincoln, Ill.

AMERICAN BEAUTIES, 2¼-in., $60.00 per 1000; 3-in., $10.00 per 100; 4-in., $15.00 per 100. Ready for immediate shipment.
Myers & Samtman, Chestnut Hill, Phila., Pa.

Am. Beauties, 3-in., best.....$6.00 per 100
Am. Beauties, 3-in., 2nds..... 5.00 per 100
Cash with order.
CHAPIN BROS., Lincoln, Neb.

GRAFTED ROSES. Liberty, 3½-in. pots, $18.00 per 100. Bridesmaid, Brides, Golden Gates and Kaiserins, 3½-in. pots, $15.00 per 100. J. L. Dillon, Bloomsburg, Pa.

Crimson Ramblers, out of boxes from soil, fine stock, $2.50 100, $20.00 1000. Brides and Maids, 2¼-in. $2.50 100, $20.00 1000. Joseph Bradbury, South Orange, N. J.

We have 3000 fine METEOR rose plants in 3½-in. pots to spare at $60.00 per 1000; $7.00 per 100. Cash with order, please.
Benjamin Dorrance, Dorranceton, Pa.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Kaiserin roses, strong plants from 2¼-in. pots, $3.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

C. Soupert, Jacqueminot, des Blanches, La France, Malmaison, etc. Fine, clean plants from 5-in. pots, 9c.
W. H. Salter, Rochester, N. Y.

ROSE PLANTS, 2½-inch:
Meteors, $2.50 per 100, $20.00 per 1000.
Maids, $3.00 per 100, $25.00 per 1000.
J. A. BUDLONG, 37 Randolph St., Chicago.

Maman Cochet roses, pink and white, strong 4-in., $12.00 100. Charles E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Tenn. Belle, strong fine plants, 2½-in., $1.00 100. Maids, $2.50. Pink Rambler, $2.00. C. M. Niuffer, Springfield, Ohio.

Roses. Hardy monthly, 12 choice sorts, from pots, $1.50 doz., $10.00 100.
F. A. Baller, Bloomington, Ill.

Brides, Maids, Meteors and Golden Gates, 2½ and 3-in., $3.50 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

Maids, Brides, Perles, 2½-in., $1.50 per 100; good stock. Davidson The Florist, Cairo, Ill.

RUBBERS.

Top cuttings of Rubbers, 5 to 8 leaves, well-rooted, out of 3-in. pots, $15.00 per 100.
A. C. OELSCHIG, Savannah, Ga.

BUSINESS BRINGERS—
Review
Classified Advs.

SALVIA.

Salvias, 2500 St. Louis and Wm. Bedman, 2½-in. pots, $2.50 per 100. Phoenix Nursery Co., Bloomington, Ill.

Salvia splendens, 2¼ and 2¾-in. pots, $3.00 per 100. Geo. E. Buxton, Nashua, N. H.

SEEDS.

Primula Sinensis fimb., giant flowers in pure white, rose, brilliant crimson, blood red, blue, 100 seeds, 25c; 1000 seeds, $1.75. Mixed, all colors, 100 seeds, 20c; 1000 seeds, $1.50. Cineraria Hyb. max. grandif. Cineraria Hyb. nana dwarf, 500 seeds, 25c; 5000 seeds, $1.00. Calceolaria Hyb. grandifl. max. or dwarf, pkt., 25c. Calceolaria rugosa (shrubby), pkt., 25c. Asparagus plumosus nanus, 75c 100, $6.50 1000. Pandanus utilis, $1.00 100, $8.50 1000. H. H. Berger & Co., 47 Barclay St., New York.

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THE LAWS OF HEREDITY.

The evolution of all living organisms, plant or animal, depends upon two things—first, the general accepted law that "like begets like," and, second, the subtle modification of this law, which imparts not merely the slight differences which distinguish every individual organism, but also now and again seems to refute the first law altogether, so different are the offspring from the parent. That these modifications are also subject to definite laws is beyond a doubt, since the deeper our insight into natural phenomena the stronger becomes the conviction that law rules throughout, however conflicting the outward results may be. The first cited law by itself would preclude evolution, *i. e.*, development of higher types from lower ones, altogether, while the law of variation without restriction would people the world with a practical chaos of organic life, permitting of no classification at all.

Fortunately a definite restriction is seen in the fact that, however marked may be the "sport" or wide variation which now and again appears, it almost invariably retains the specific or generic character of the parents, *i. e.*, beneath the outward change of form the family features persist. Thus, in a human white community numbering millions, though there may be enough freaks to satisfy the most exacting Barnum, and no two individuals are exactly alike, we shall find no examples of the negro type among their pure-blooded offspring; and so might we raise ten million oaks, and find among them the hundreds of varieties we may see any day in the Kew Arboretum, but never a one would bear anything but acorns, and the search for a sycamore or conifer among their progeny would inevitably be vain. In this sense, therefore, the law that "like begets like" is absolutely without exception so far as families are concerned. Even when the hybridist manages to mingle two diverse species, the resulting offspring are either true to one or the other, or display the joint features of both; but no alien characters appear, and, as Mendel's researches have demonstrated, when they in turn reach the productive stage, if they do so at all, the two families separate themselves to a large degree, and obviously resent the alliance as a permanent one.

With regard to the variation in the offspring which, to revert to humanity, enables us to recognize one individual from another with the greatest ease, this is, of course, accounted for by the fact that the parents are dissimilar as between themselves, so that the offspring represents to a greater or less degree a combination of the parental features; and in plant life we see here how much evolutional developments must depend upon those multiform and marvellous contrivances which exist to secure cross-fertilization, and can understand the correlated standstill or decadence of self-fertilized flowers.

Reproduction, as we know, is accomplished in some low types of life altogether asexually, but never in the higher types, and since, as we have seen, variation is largely due to parental combination, and forms the one essential factor in evolutional adaptation to change, we also see how grand was the far-seeing precision which ordained not merely that like should beget like, but that two individuals should be concerned, instead of simply the one which the few exceptions prove to be sufficient for the mere purpose of multiplication. To this we owe all the marvels of organic nature, animal and vegetable; without it man certainly would never have crowned the edifice, and the world would presumably have been little more than a colony of primordial algae and micro-organisms.—Gardener's Magazine.

MADISON, N. J.—The seventh annual flower show of the Morris County Gardeners' and Florists' Society will be held Nov. 6 and 7 next. The premium list has been issued and copies may be had on application to the secretary, Chas. H. Atkins.

AN EXHIBITION of roses, pæonies, etc., will be held at the New York Botanical Garden, Bronx Park, New York, June 11. A meeting of the Horticultural Society of New York will be held at the same time.

HOPKINSVILLE, KY.—The Crowswood Nurseries state that Wm. F. Snyder is no longer connected with them and that he never occupied the position of manager.

A SEASONABLE HINT.—This is a good time to order a copy of the Florists' Manual, by William Scott, if you do not already have a copy. It costs $5, but contains more matter of real value to florists than a library of other books costing from $50 to $75.

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	Per 100	Per 1000
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" " 4-in.	5.00	40.00
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of all kinds grown for the trade. Send for our list and prices.

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ASPARAGUS and PLUMOSUS in 3, 4 and 5-inch pots. Write—

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Timothy Eaton, from sand, $2.50 per 100; 2¼-inch pots, $3.75 per 100.

Col. D. Appleton, 2¼-inch pots, $3.00 per 100.

VINCA VARIEGATA, out of 2 and 2¼-inch, very strong, $2.50 per 100; 3 and 3½-inch pots, with 4 to 5 runners and more, $6.00 and $10.00 per 100.

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Blooming equally profuse at the same time and a good companion plant to grow with Salvia Splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar.

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Out of 2½-in. pots. Fine strong plants.

Timothy Eaton....5c	**Yanoma**..... 4c
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Pot plants that are very fine, and rooted cuttings of the following varieties: S. A. Nutt, Double and Single Grant, La Favorite, E. G. Hill, A. Riccard, P. E. Crozy, Red Bruant, Mme. Jaulin, Grand Chancellor, America and Mountain of Snow.

Write for prices—can ship on receipt of order. Send for list of **Miscellaneous Bedding Stock,** we have got them all.

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HOLLYHOCKS.

When I was at Aldenham House Gardens last year I was particularly attracted by the singularly fine double hollyhocks Mr. Beckett had growing amidst the shrubs in the large beds and borders in the pleasure grounds. These were all from a sowing made early in the year in warmth, the plants being grown on quickly, singly in pots, and planted out after being well hardened in the spring. I have not seen finer spikes produced by plants raised from seed the same year. Another striking feature of the strain was the very double quality of the flowers, many of them being equal to the best named varieties.

I could not refrain from thinking how easily it should be with the quick mode of production there practised, and the fine quality of the flowers, to resuscitate in popular favor these noble flowers. Here from seed came first class double forms, good enough to please anyone, and so easily raised. By following the method of culture and sowing seed saved from a first class strain, anyone may have glorious double hollyhocks in their gardens. Possibly some credit for the fine spikes seen is due to the deep working and retentive nature of the soil at Aldenham House, but deep worked soil may be had anywhere, and where not so naturally retentive, then liberal waterings and mulchings with manure can greatly aid the plants.

If there be any particular drawbacks to double hollyhocks, it is chiefly found in the comparative limitation in color. The variations are relatively few, as compared with the many, and some of the most beautiful any flowers give, seen in the single varieties. The charm of the singles lies in this exceeding variation, combined with the lightness and grace seen in the flowers. The chief drawback of the single hollyhocks is that the flowers, because of their being so readily fertilized by insects, soon fall. Hence one seldom sees a fine spike of bloom. I have often thought more beauty would be obtained from them if the point of the main spike were pinched out to cause plenty of side shoots to form, as these would then give more free blooming.—A. D., in Gardener's Magazine.

THE NURSERYMEN.

The 27th annual convention of the American Association of Nurserymen will be held in Milwaukee June 11, 12 and 13. Headquarters will be at the Plankinton Hotel. A special rate of one and one-third fares for the round trip has been granted by the railroads on the certificate plan. The programme for the meeting includes many valuable papers and there will be the usual trade exhibit and exchanges by those in attendance.

Full details may be had by addressing the secretary, Geo. C. Seager, Rochester, N. Y.

Worcester, Mass.—Mr. O. B. Hadwen, president of the Massachusetts Horticultural Society, has presented this city with a piece of land to be used as a park and to be known as Hadwen Park.

New Orleans, La.—The Gardeners' Mutual Protective Association celebrated its 27th anniversary May 11, with a parade and banquet. The members are vegetable gardeners and in the parade all kinds of vegetables were used in decorating the wagons.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.50	3.60	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	
" " strong	8	26 to 30	7 to 10	1.50	18.00	
Asparagus Sprengeri	2				.50	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Plu. Nanus	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6.00	
Pandanus Veitchii	5			1.00	12.00	
" "	6			1.50	18.00	
" "	7			2.50	30.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Nephrolepsis Bostoniensis	2				.50	4.00
" "	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	
" "	8				12.00	
" "	9				18.00	
" "	10				24.00	

Assorted Ferns, for fern dishes, 2-inch pots..... 3.00
Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

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White Bonnaffon, Hobson,
Florence Hayes, Col. Appleton.
Rooted cuttings **$2.00** per 100; from 2½-inch pots, **$4.00** per 100.

Glory of Pacific, R. H. Pierson,
Polly Rose, Robinson,
Rooted cuttings **$1.00** per 100; from 2½-inch pots, **$2.50** per 100.

N. Pockett, Perrin, Schrimpton,
Wanamaker, Maud Dean, Newett,
H. J. Payne, Lincoln, McArthur,
Bonnaffon, Pink Ivory, Harriott,
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Nellie Pockett	8.00	Major Bonnaffon	3.00
Lady Roberts	8.00	Philadelphia	5.00
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Golden Beauty	8.00	Modesto	3.00
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Willow Brook	3.00	Glory of the Pacific	3.00
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Ten Varieties, all **Double Fringed** strong plants, from 2½-inch pots, in bud and bloom—
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Fine clean stock for immediate planting, 2½-inch pots.

They will give cuttings if not wanted for single stems.

The following list we are ready to deliver at once:

COLONEL APPLETON, $3.50 per 100.

Henderson, Glory of the Pacific,
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Mrs. Weeks, Lincoln,
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White Jerome Jones,
Yellow Jerome Jones,
Yellow Queen, Golden Wedding,
Mrs. Murdock, Autumn Glory,
Maud Dean, Yellow Mayflower,
Mrs. Bassett, Mrs. Perrin,
White Ivory and Pink Ivory.

Prices of the above:—**$2.50** per 100; **$20.00** per 1000.

Rooted Cuttings of above varieties—**$2.00** per 100; **$15.00** per 1000; except Appleton at **$2.50** per 100.

Cash with the order. Satisfaction guaranteed.

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Large Latania Palm Plants.

3½ to 4 feet in Height and Diameter.

2 to 4	plants to pot,	18 to 22	leaves,	$4.00	per plant
2 to 4	" "	15 to 18	"	3.50	"
2 to 3	" "	12 to 15	"	3.00	"
1 to 3	" "	8 to 10	"	2.75	"
1	" "	7 to 8	"	2.50	"

1 plant in 6-in. pot, 16 to 18 in. high, 50c "

Pandanus Utilis, 5-inch pots, $5.00 per dozen.

Dracaena Indivisa, 2 and 3 plants to pot, 2 ft. high, $4.00 per dozen.

Asparagus Plumosus, heavy strings 6 to 7 ft. long, 50 cents per string.

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If uncertain what to plant, write us what your facilities are and we shall be pleased to assist you with practical suggestions.

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	Per 100
Sprengeri, 2-in. pots, ready	$2.00
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Smith's Hyb. Moon Vines, 2½-inch pots, at $5.00 per 100. Cash with order.

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Planted out now will make nice stock for Winter Trade.

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GREENHOUSE CHIMNEY.

Please tell me the best kind of a brick stack to build for a small greenhouse of 7,000 square feet of glass. I know the size and height but cannot decide upon the manner of building.

H. H. G.

A chimney for successful heating in connection with 7,000 feet of glass should have a flue area of about 140 inches, or 12x12 inches, extending to a height of about 22 feet above the top of the boiler. The flue opening should be surrounded by 8 inches of brick work its entire height, the bricks being laid close with cement mortar, all joints being cleanly struck both inside and outside. This makes a good, serviceable and durable flue and such as I have used exclusively on small works for the past twenty years.

If desired some form of flue lining may be used. These linings add somewhat to the efficiency of the draft on account of their smooth inside finish; they also allow of a much more careless or cheaper surrounding brick work, as they reduce the tendency of leakage of cold air into the flue between imperfectly jointed brick. In general practice, however, I find a little extra care in the laying of the brick work and the clean striking of interior joints leaves nothing more to be desired.

New York. Henry W. Gibbons.

KALAMAZOO, MICH.

Trade during Memorial week was the best in the annals of floriculture in the city. The supply of roses, carnations and other stock was large and the quality first class, but the demand was so enormous that there was not anything like enough, the supply giving out early on Thursday. Prices all round were good, carnations retailing at 40 to 60 cents per dozen, roses at from $1.50 per dozen up, according to grade. The sales in bedding stock, pot plants, hanging baskets, bouquets, etc., put all previous records in the shade.

The Dunkley Floral Co. report this as their best Memorial Day trade. They were pretty well cleaned out by Friday morning.

G. Van Bochove & Bro., while having the largest cut in their record, had a hard time in satisfying the demands of their ever increasing list of customers.

The reports from the north end of the city are also satisfactory.

Abraham Grofvert, rose grower at G. Van Bochove & Bro.'s, has been in the city hospital for some time. He had to undergo a serious operation for an internal trouble. He is now nearly convalescent and expects to be at his old post in a couple of weeks.

Mr. Wm. Oliver, our landscaper, has just finished laying out the grounds of the Charlevoix Home Association Park at Charlevoix, for which he is receiving great credit. R.

Port Huron, Mich.—C. W. Asman has opened a floral store at 319 Huron avenue.

Champaign, Ill.—C. C. Ferdinandsen is arranging to build three more new greenhouses.

Randolph, Vt.—The firm of Burnell & Totman has succeeded to the business of H. M. Totman.

Rose Plants for Sale.

GOOD CLEAN STOCK WELL ESTABLISHED.

Brides, Bridesmaids, Meteors, Golden Gates,

2-inch rose pots, $30.00 per 1000; 3-inch rose pots, $45.00 per 1000; 4-inch rose pots, $60.00 per 1000.

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Well established plants

	Per 100	Per 1000
Am. Beauty, 3-in. pots	$ 8.00	$ 75.00
" " 2½-in. pots	6.00	50.00
Liberty, 2½-in. pots	12.00	100.00
Bridesmaid, 2½-in. pots	3.00	25.00
Bride, 2½-in. pots	3.00	25.00
Perle, 2½-in. pots	3.00	25.00
Golden Gate, 2½-in. pots	3.00	25.00
Meteor, 2½-in. pots	3.00	25.00

All Plants sold under express condition that if not satisfactory when received they are to be returned immediately, when money will be refunded.

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Golden Gate, 3-inch, $5.00; Perles, $6.00; Beauties, $10.00; Meteors (very fine), $5.00 per 100. Excellent stock, worth the money.

Some choice 2¼ and 3-inch Maids, Brides and Golden Gates at $25.00 per 1000; $3.00 per 100.

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LIBERTY, 3½-inch pots, $18.00 per 100.

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GOLDEN GATES,
KAISERINS,

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Choice Varieties in bud and bloom.

3-inch pots, $3.00 per 100; 2-inch pots, $2.50 per 100; $20.00 per 1000.

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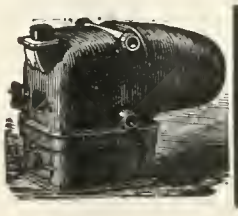

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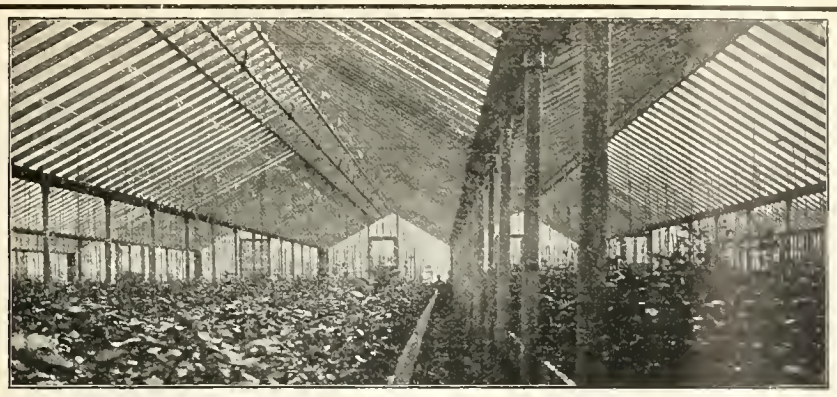

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G. L. GRANT, EDITOR AND MANAGER.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

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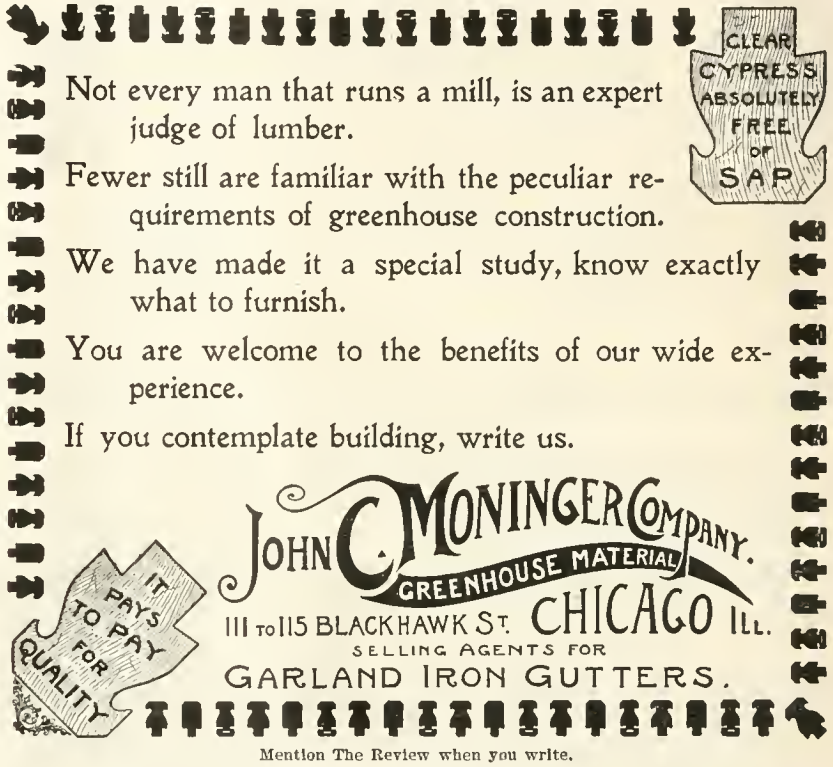

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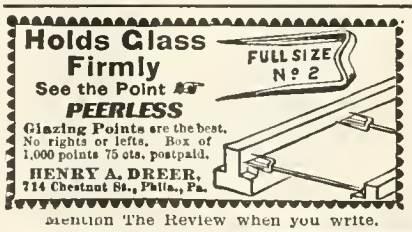

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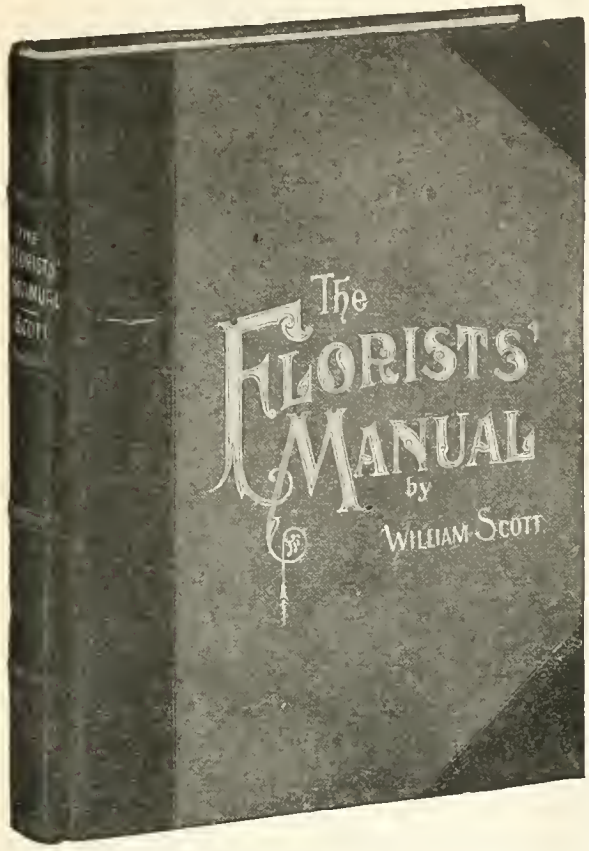

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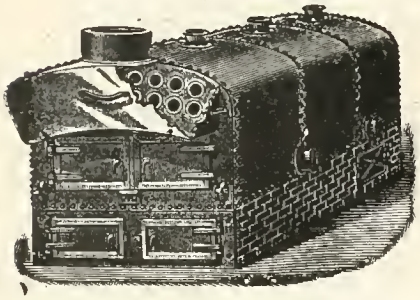

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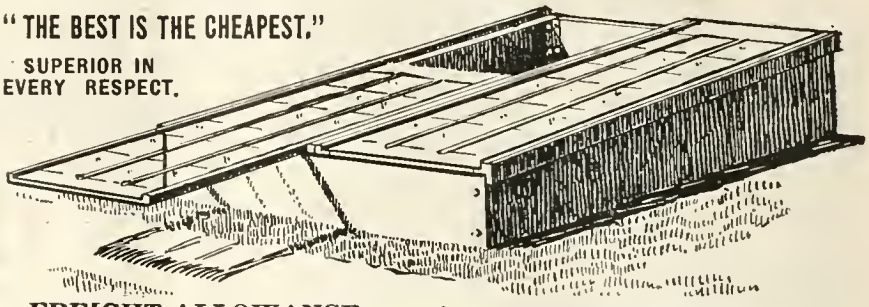

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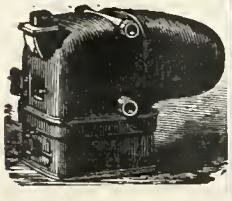

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THE WEEKLY

FLORISTS' REVIEW

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Vol. X. CHICAGO AND NEW YORK, JUNE 12, 1902. No. 237.

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Per case, $25, containing 350 lbs.
75 per cent of case are stems from ½ lb. to 3 lbs.
25 per cent of case are stems from 3 lbs. to 6 lbs.

Per 100 lbs., your selection, **$8**
In less than 100 lb. lots, **10c** per lb.

PRICES on all spring, summer and fall plants, bulbs and roots are now ready, and will be cheerfully given by

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Gladiolus.

Our Special Offer for ONE WEEK ONLY of Choice Bulbs:

4000 White and Light Colors, $1.25 a 100; $10.00 a 1000; formerly $16.00 a 1000.

3000 Pink, several shades, $1.00 a 100; $8.75 a 1000; formerly $12.00 a 1000.

1000 Scarlet and Crimson, 75c a 100; $6.50 a 1000.

3000 Choice Mixed, all colors, 75c a 100; $6.00 a 1000.

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CINERARIA. Finest large-flowering Dwarf. Mixed, 1000 seeds 50 cts.

PRIMULA OBCONICA Grandiflora. The finest large-flowering, showy varieties, mixed, 1000 seeds, 50 cts.

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Cash. Choice extras added to every order.

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The Home of Primroses.

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NEW CROP DAGGER FERNS ARE NOW READY. **A No. 1 QUALITY.** $1.50 per 1000

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Bronze and **Green Galax,** in 5,000 lots, 75c per 1,000; **Leucothoe Sprays,** 75c per 100; **Laurel Festooning,** 4c, 5c and 6c per yard; **Laurel Wreaths,** to order, any size.

BOSTON, May 3rd, 1902.

We would respectfully inform the trade that our **New Crop Ferns** are now ready and are **A No. 1 quality.** We carry a full assortment of florists hardy supplies as follows: **Bronze** and **Green Galax, Leucothoe Sprays, Hardy Cut** and **Fancy Ferns, Green** and **Sphagnum Moss, Laurel Festooning, Bundle Laurel, Laurel Wreaths,** and **Bouquet Green, Etc., Etc. P. S. Extra Choice Dagger Ferns,** $2.00 per 1000. Satisfaction guaranteed. Your patronage will receive prompt attention and quick delivery. Order now and avoid disappointment.

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Florists' Calendar for JUNE

SEEDS TO SOW NOW.

GIVE OUR SEED A TRIAL.

Asparagus Pl. Nanus (to clear season's crop) 100, 75c; 1000, $6.50.

Primula Sinensis fimb. — giant flowers in pure white, rose, brilliant crimson, blood red, blue, 100 seeds, 25c; 1000 seeds, $1.75. Mixed, all colors, 100 seeds, 20c; 1000 seeds, $1.50.

Cineraria Hyb. max. grandifl. Cineraria Hyb. nana dwarf. 500 seeds, 25c; 5000 seeds, $1.00.

Calceolaria Hyb. grandifl. max. or dwarf, pkt., 25c. **Calceolaria rugosa** (shrubby) pkt., 25c.

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Save 10 per cent and get **BEST STOCK.**

Send for our **new list** for Summer and Fall delivery **forcing bulbs.**

H. H. BERGER & CO., 47 Barclay St.

New York City. (Established 1878)

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Fine Stocky Plants, 4-in., **$6.00** and **$8.00** per 100; 3-in., **$5.00** per 100.

Salvia in bloom, 2½ and 3-in.	...$4.00 per 100
Coleus, 2-in., $2.00 per 100; 3-in.	3.00 "
Alternanthera, 2½-in	2.50 "
Asparagus Sprengeri, 4-in	12.50 "

ROSE PLANTS—Brides, Bridesmaid, Meteor and Golden Gate, 2½ and 3-in. at $3.50 per 100; 4-in. Kaiserin at $10.00 per 100.

Cash or C. O. D.

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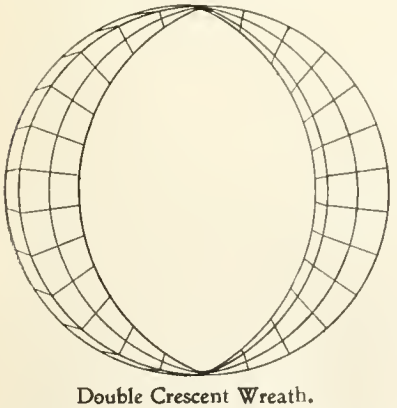
THE RETAIL FLORIST.....

Decoration Day.

Decoration Day was more generally observed from a floral standpoint this year and we were pleased to see that the decorations of the monuments in and around New York whilst not what they might have been were at least of a higher degree of good taste than for some years past. There is a wide field for improvement in most lines of public decorations, and it is the duty of every florist to encourage the use of and artistically arrange flowers and plants on every possible occasion.

Paeonias.

In almost all the decorations in honor of the Rochambeau party, pæonies, especially Pæonia officicinalis rubra, formed the greater portion of the material used, and very fine they look in large decorations. The dinner given for them at Delmonico's was remarkable for the flag decorations, that at the Waldorf-Astoria was chiefly of pæonias and was most effective. The centers were huge vases



Double Crescent Wreath.

of red pæonias and a heavy irregular garland of the same flower was arranged around the table.

Speaking of pæonias they were never more popular than they are this year and we are glad to see their value as a decorative flower is being recognized. Many florists have no use for a flower that does not bloom all the year around; that's why they can see nothing of value in anything save the rose or carnation. Only when there is a scarcity of these does the beauty of any other flower appeal to their eye and that mainly through their pocket.

There is a great future for pæonias, especially of the delicate colors. We can recommend them for almost any kind of floral work. There is nothing better for large decorations, be it church or house weddings or table decorations, filling in for funeral work, theatrical or large presentation baskets or bunches. The white ones are good for flat funeral bunches, in fact, some of the varieties are beautiful enough in form and color to permit their use in every way or for any event.

June Weddings.

At this time of the year when outdoor flowers are abundant, puny or delicate small flowers are bad material to use. People look for impressive effects, and large showy flowers are the best to use, particularly in all large decorations. If you tie a bunch of six or twelve pæonias on the end of every or every other pew down the center aisle of a church it will go a long way towards making your decorations talkable.

Some still, through grandmother's advice, want white and green decorations, and for these there is an abundance of Lilium Harrisii to be had cheap. Others, of a romantic turn, want wild flowers and for them the fields are full of daisies and clover blossoms, which when mixed look very pretty. Others again want the best and leave it to you to suggest and for these we either use an abundance of carnations or roses.

June weddings should be marked by color. June is the month of roses and they should form a principal part in June decorations. Go out to some nurseryman or grower who has plenty of Crimson Ramblers or other climbing roses, cut them in long branches early in the morning when the dew is on them. You can make the finest of work by arranging them in loose arches or long drooping garlands or sprays. Don't have any stiff effects in June decorations. That may be somewhat excusable when flowers are scarce or expensive, but now you have a plentiful supply of splendid material, even if it be flowering shrubs, grasses, vines or any form of outdoor growth or bloom. A great mistake is often made by florists sending all their best help to decorate the house and all their makeshifts to the church. The church is often a more important place than the house to consider, because more people go there and consequently your work is more criticised.

Bay trees, both standard and pyramidal, are excellent groundwork for an avenue of flowering trees. You can use large roses or pæonias. Just stick them thickly and at irregular heights down through the foliage. They look finely imposing when well done.

The finest flower on the market is Cattleya Gigas. You can safely recommend it to any one wanting the choicest for funeral, bridesmaid's bouquet, wearing flower or general presentation. With a little care people going to Europe may preserve them all the way across. Outdoor roses are somewhat behind time this year, which makes them all the more valuable. Those who can should provide for a crop in July and August. IVERA.

NEW FLORAL DESIGNS.

The accompanying engravings show two new designs by Reed & Keller, New York.

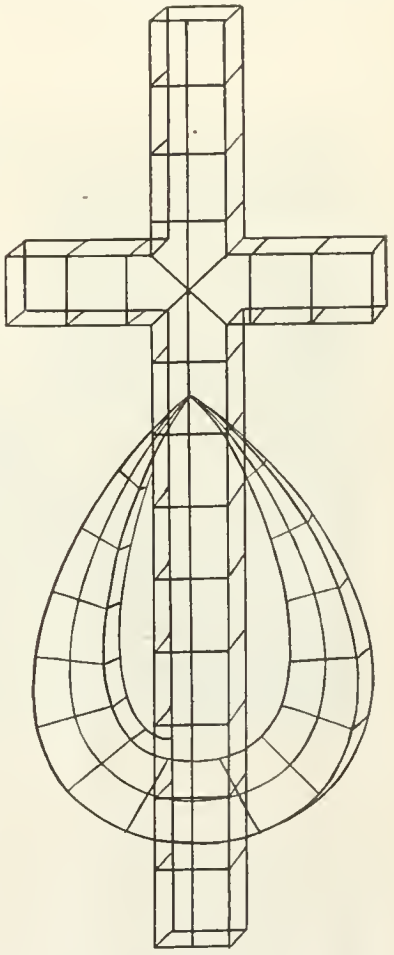
The combination casket cross and victor's wreath should be made up the cross of one color and the wreath of another, to contrast and bring out the best effect.

Each side of the double crescent wreath is made of a different variety of flower and the bottom is tied with a broad bow of ribbon. IVERA.

THE RETAIL STORE.

[Read before the Hartford Florists' Club by J. F. Coombs, May 13.]

It is my opinion that the present season, which is now about at an end, is one of the most prosperous that the florists in this locality have had. Stock of all kinds has been generally good and better prices have been obtained than usual. We note this more especially in the carnations. A year or two ago 35 cents a dozen was considered a good price for them, and even last season a number of these flowers were sold at that price, but this season few were sold for less



Combination Casket Cross and Victor's Wreath.

than 50 cents a dozen and many were sold for 75 cents and $1.00 and sold more readily than those for 35 cents a dozen a few years ago. To be sure the cost is greater to produce these flowers than those that sell at 35 cents, but there is more money in it, and it goes to show that the average customer is willing to pay a better price for good stock.

It seems to me that it is the general rule among florists to give too much credit, by letting accounts run too long

and giving credit to people they do not know. I cannot tell the reason for this but it seems to be a failing that the majority of them have. If our business could be run on a cash basis what a fine business it would be; but this is not possible, especially in the business that is conducted on a comparatively large scale, for in many cases you take an order and run the risk of getting your money. For instance if there has been a death in a family and one or more of the members come to order a design or several designs amounting to $10.00 or $25.00 or perhaps more, as the case may be, it happens very often that they do not have the money with them and will ask you to charge it, or perhaps they will walk out without saying anything about the pay, taking it for granted that you will charge it anyway. That is the time you are running the risk; if you refuse the order you may be so much out, for your customer may be good for the amount and pay the next day after the funeral, and on the other hand if you do take the order you may be so much out anyway, but as a rule there is a smaller percentage lost on funeral work than on any other part of the business. If you will try to get your money for funeral work immediately after the funeral, when the people are feeling bad, you are more apt to get it than to let the account run.

My experience is the most difficult person to collect a bill for flowers from is the young man who has been in the habit of sending his lady friend flowers and for some reason they have had a falling out. In a case like this the florist ought to have the credit of sending the flowers, but he does not, as his card is not in the box. This sort of a customer will pay for his flowers at first and then commence to have them charged, and before you know it, or perhaps before he will realize it himself, he has run up a good-sized account and then does not want to pay for the flowers because his girl has gone back on him.

The question has been asked, is it advisable to have lady clerks in a flower store? I should say that it was, if the right kind can be had (though it is hard to find that kind) for the reason that many lady customers would rather trade with them than they would with a man. There are also many customers who think that a lady has more taste in arranging flowers, which I think in many cases is so. They are handy in tying ribbons and have a tendency to keep the store neat and clean, but they cannot demand the salary the man clerk can, for they cannot do the heavy work or work the long hours the men have to, nor is it expected of them. I understand in the western cities there are a number of women florists in business for themselves and conduct it very successfully.

I might say a few words here in regard to advertising. Does advertising pay the retail florist? I should say that a little of it did if it is done in the right way, but how are you going to tell? People are not coming in to tell you that they saw your ad. in such and such a paper. The only way I know of telling is when you advertise some special flower and if you have an unusual demand for the flower advertised it is a pretty good proof your ad. has been read, and I think the only way to advertise if you are going to at all in a city the size of ours, is by the line in the reading notices in the daily papers. General advertising in fair souvenir programmes, dance programmes, church, lodge or college papers are not worth the time it takes to write them, but in many instances the storekeeper feels obliged to take a space because the person who is canvassing for the ad. is one who has left you an order for some flowers sometime previous for the lodge, society or whatever it may be that is going to give the entertainment and is sure to tell you that yours is the only florist's ad. they are going to have in it, and they always give you their work, etc. Of course there are exceptions, for I know of a few instances where an advertisement of this kind has really paid, but I think it is very rare.

I believe that the storekeeper who has the neat store, a good display in his window and an attractive delivery team is the one who is doing the business (and I know that the florists in our city are lack in some of these respects). But this is not all he must necessarily have, for above all he must have a good supply and assortment of fresh flowers in his icebox. If a person is attracted by a fine display in a florist's window they naturally think they can get a good variety of flowers inside, and a storekeeper, in order to hold his trade, should have, if possible, a good assortment of flowers always on hand; and I also think it is more profitable in the end to have a little stock left over at night once in a while than to be sold out early in the day, for if customers go into a store two or three times in succession and find they cannot get what they want, they are liable to go somewhere else for their flowers the next time. I believe that the florists in our city should go in for novelties more than they do, for if something in a flower out of the ordinary is displayed in a window it will attract attention, and serve to a certain extent as an advertisement, and, too, there are people who are looking for something different in flowers as well as in other things and are willing to pay for them.

Probably the hardest part of our business is the long hours, for when you go to work in the morning you do not know what time you will get your dinner, whether you will get any supper or not, or what time you will get through at night or whether you will have to work all night. Our business is not the kind that you can get your orders ready very much ahead of the time they are wanted, especially a funeral order, for the people are not usually dying to accommodate the florists, and when an order of this kind comes in it has to be done in a hurry and the working force has to stay until it is finished.

I will close my paper by telling of a few of the different types of customers we have to deal with. Perhaps the most difficult customer to handle is the one who comes in to order flowers for a funeral and who never purchased any flowers before and who does not know what he or she wants, and who has not the least idea of the cost of flowers. Usually the clerk can tell at once, if he is any way bright, whether his customer is in the habit of purchasing flowers or not, and has to use his own judgment accordingly. The customer who is not in the habit of so doing will approach the clerk something like this: "I want to get something for a funeral." Then you have to find out the best way you can what that something is. Perhaps it may be a design of some kind or a bunch of roses, or a bunch of carnations, or a bunch of something else, or a sheaf of wheat, palm leaves, something made of ivy leaves, or loose flowers, or something that no one ever saw or heard of. Let us suppose, for instance, that you have found out that a design of some kind is what is wanted, then you will begin to show the different sized frames of the different designs, and when the price is asked and you will say that you can make a wreath this size for $3.00 or that size for $5.00, or that cross for $5.00, or this one for $10.00, or that pillow for $5.00 or this one for $8.00, then after you have spent your valuable time in trying to find something to suit your customer, you will very often hear them say, "Have you no design you can make for

Church Wedding Decoration, Butte, Mont.
[See News Letter from Butte in this issue.]

A Corner in the New Store of Mr. J. N. Kidd, St. Joseph, Mo.

fifty cents or a dollar?'' Or perhaps they will tell you that they are not ready to decide just yet, they want to consult some of the rest of the family before they will leave their order, and that is the last you ever hear from them.

I have in mind a little incident which happened one day which perhaps would not be out of place to tell here. A woman came in one day and wanted an elegant pillow with the word ''husband'' engraved on it. She mentioned some of the flowers she wanted it composed of, which were roses, carnations, violets, lily of the valley and other flowers, and when she was asked about what price she wanted to pay she said, ''Oh, I guess 75 cents ought to buy a pretty good one, hadn't it?'' I believe she left an order for a $7.00 one before she went out.

How many times a day do we hear the question asked, ''Are these fresh?'' It seems some days as if nine-tenths of the people purchasing cut flowers ask this question, and how much it will make you feel like swearing when a customer will come in for perhaps a dozen roses and you will pick out a dozen of the best you have in stock and when you are about to put them in a box she will say, ''Oh, I don't think I like them, they do not look fresh,'' when perhaps they have not been in the store over half an hour. You will do your best to look pleasant and try to convince her they just came in from the greenhouse, but then they will doubt your word and tell you that they will have some other kind of flowers or that they will look elsewhere.

Then we have the customer who will ask if all the different color Lawson carnations are the same price, and the one who will ask the price of white Jack roses a dozen, and the one who will ask if we keep rain plants, meaning umbrella plants, etc. Now I do not want to have you think that the majority of customers are of this type, for they are not, for there are customers come in who know just what they want and how much they want to pay. These are the ones it is a pleasure to wait on and the ones you try hard to suit.

THE FUTURE.

The cause of the scarcity of really good roses and carnations in summer is that we are trying to grow them under unnatural conditions, and when, with the aid of science, we can create in the rose and carnation house atmospheric conditions similar to those obtained in November, the problem will be solved.

As florists have few opportunities and little time to devote to scientific pursuits, the florists of the future will by concerted action demand and obtain from the federal and state government a modicum of that friendly recognition, encouragement and scientific aid so liberally bestowed on many other industries with far less claim to the infantile title.

We have within our boundaries nearly all the conditions of temperature and attitudes necessary for the successful culture of nearly every plant suitable for florists' use and if the government would extend a little scientific aid along these lines we might successfully raise such plants as azaleas, lilies and all sorts of bulbous stock for winter forcing.

We require no protection. With the newer and more perfect methods of preserving our cut and rapid ocean transit we have confidence in our ability to compete successfully with the European even in his own market.

I am not so satisfied that the demand for roses and carnations during summer will ever be such as to warrant the necessary large outlay if we adopt the refrigerating plan. It is just possible that the public taste in flowers may undergo a change and we may have to cater to a more esthetic taste in the future than in the past. At present roses and carnations are used almost to the exclusion of all other flowers, and while admitting that they are the essence of beauty, they are liable to be overdone and to become nauseating to the cultured mind, for ''spring would be unpleasant weather, if we had nothing else but spring.''

If the public taste demands a more varied bill of fare we have a long list to select from. In the European markets we can see daily displays of heaths, diosmas, ixoras, rondeletias, orchids of all descriptions, and a host of others which are only conspicuous by their absence in the American market. The American florist is brainy enough to create the facilities for growing almost anything the public may demand, and in his march upward and onward he will surmount every obstacle in his endeavor to reach the goal. RIBES.

The article under this heading published in the ''REVIEW'' of May 22nd, page 909, certainly provides food for thought regarding the possibilities of the business of cut-flower growing in the future, but to some of us hesitating souls does it not appear to be possibilities only, rather than probabilities.

It is granted that at times during the summer season in many of our markets there is a decided scarcity of good flowers, and it is frequently almost impossible to get roses or carnations at that season of such quality as would pass muster in the winter. But is it not also true that with the growth of the summer vacation habit there is a corresponding decrease in the demand for good flowers, this decrease in demand being so marked in some places that we find the retail men seriously considering whether it would not be good policy to close their stores entirely for a few weeks in summer, and to join with the general public in the enjoyment of a well-earned vacation.

That it is possible to regulate the temperature of a greenhouse by artificial means I am quite willing to admit, but that sterilized air will prove equally beneficial for vegetable growth with the pure natural air of the country, is by no means clear to me as yet. Then there is that very important question of expense, it being a well-known fact that preminent capitalists are few and far between in the ranks of the growers, for while we do hear of some lights of the retail trade and a favored few among the bondholders of the commission business that indulge in frequent trips to Europe, yet we are more likely to find the growers scratching around in the sun during the beautiful days of June, July and August, and wondering whether the last coal strike will indicate a rise of more than $2.00 per ton the following winter.

But putting jest aside, it does not appear to the writer that the trade in summer will warrant such an outlay, for appliances of the character indicated in the REVIEW run into money very rapidly.

The matter of shading, is, however, one that deserves more consideration, for up to the present time it is hard to find any substance that is entirely satisfactory, from the fact that the perfect material for this purpose must be cheap, easy to apply, easy to remove when the sun loses power, and yet not washing off with every rain, else the time occupied in applying it will more than offset the saving in original cost.

I have not tested an alum wash for this purpose, but this substance being soluble in water it would seem that it should be mixed with something else to give the wash more substance or body, and also to make it reasonably weather proof. There would doubtless be a market for a preparation of this character, for the large majority of growers require more or less of shading material each season, and would be glad to buy a reliable preparation. W. H. TAPLIN.

Editor Florists' Review: I have read your able article on this subject and the comments of Messrs. C. T. and Joseph Heacock. The use of solid beds and side ventilation are doing much toward improving indoor cut flowers in hot weather; alum as you suggest, or some other shading will help. It is doubtful whether the demand during the summer season will warrant any great outlay. I am inclined to think that a larger field for profitable efforts will be found in the month immediately preceding Lent.

J. W. Young.

Editor Review: Your article entitled "The Future" in the May 22nd issue certainly has some very good points in it and they are inclined to set one to thinking. We all have to think ahead and look into the future as far as we can and every one knows that the men who are able to guess what is to be in demand next season have a great advantage over those of us whose foresight is not so well developed.

As to the practicability of your suggestions of course we cannot say until some one gets up enough courage to experiment along those lines. If we were able to keep the temperature in our carnation houses down to March or April temperature during the entire summer it certainly would be worth much to us, but who is going to find out for us just how it should be done? It will take a lot of money not only in fitting up the apparatus, but in loss of crops as well until the thing is perfected enough to be a benefit to the plants. And if it is worked out to the satisfaction of our growers there will be few places of any pretension without at least part of the houses fitted up in such a manner in a short time. We shall certainly try your suggestion of shading with alum and if it does not prove too expensive it may be a good thing. We shall try some put on cold first to see how it stands the weather. It may stick too tight if applied hot.

While our summer flowers have not increased in quality as rapidly as has the demand for them, yet at the same time you must admit that we have much better flowers nowadays during July and August than we did ten years ago. While our methods of growing them have improved we must not forget our hybridists who have given us varieties that stand the heat better than the older varieties. For instance in roses we have now Maman Cochet and its white sport, which will produce almost as fine blooms during the summer as Bride and Maid produce in the winter, and in carnations we have Crocker and Fl. Hill, from which we can cut fine blooms all summer if we choose to handle them properly. That these will be improved upon we have no doubt, and that other colors will be added to that class is just as certain. I really believe that there is as great a future in store for the hybridist as there is for the refrigerator man. A. F. J. Baur.

MISCELLANEOUS SEASONABLE HINTS.

Palms.

Your sales and planting will soon be over and you will have time to draw your breath if not your cheque, and take care of what is left over. We all have more or less of good-sized palms that we use for decorating and are not anxious to dispose of them unless a good price is obtained. What is the best thing to do with them during the next three months of warm weather? If you have a large airy house and the means of shading when necessary and no shade when not necessary, then they are about as well left under glass, and better still if you want an increase of growth, but if you have no better place than a heavily shaded house with but a limited ventilation it is better to stand these large palms out of doors.

Providing you are sure that the pots and tubs have drainage it is a great advantage to sink them in the ground nearly to the rim of the pot. It is, as we all know, the evaporation from the sides of the pots that dries up the soil. If they can't be sunk in the ground then some material can be thrown round the pots. The best of all palms will burn in the sun if allowed to get dry at the roots, but not otherwise. It will also burn if it has been grown in a very warm shaded house, because the leaves are soft, but a kentia that has not been in over 65 degrees during winter and has had plenty of light will not burn, and a few months out of doors gives them a toughness and hardiness that fits them well for next winter's campaign.

The large palms and decorative plants that should go out of doors are the kentias, latanias, phœnix of all kinds, Pandanus utilis and Veitchii, Ficus elastica, Cycas revoluta and overgrown Araucaria excelsa, if you are unfortunate enough to have any of the latter, which are like little pigs—very cute when young but unsightly when six feet long unless kept in splendid order, and that you can hardly do kept in a pot or tub. (I dropped care of the pig at two weeks.) Areca lutescens, the most graceful of all our decorative palms, should be kept indoors. The sun and wind does not agree with it. As good a time as any to shift these plants, if necessary, is when you are moving them out, only a little more care and judgment is needed in watering afterwards for a month or two.

We all know that plants that we have to lug around in a wagon during winter, perhaps in zero weather, should be in as small a pot or tub as they will grow in or exist in, but unless they have some new material as their roots get crowded they will show the effects by loss of color. The arecas must have root room and if it were not for making the tub too bulky will do well with a liberal shift, and so will the latanias. The kentias will thrive and make very handsome plants in comparatively small pots, but even they must be given more room every two or three years. Palms form a great mass of roots at the bottom of the tub without a particle of soil among them. Supposing a kentia badly needed shifting and it was in a 12-inch pot, there would be found three inches of solid roots at the bottom of the pot. Now two inches of these roots could be cut square off at the bottom with a sharp hatchet and do the plant no harm; considerable old soil can be loosened away from the sides without disturbing the roots, and an inch or so can be taken from the top of the ball, so you can by these means give these palms a good deal of fresh earth without greatly increasing the size of the tub.

I would just say here that if you have been interfering much with the roots you had better not expose them to the full sun for a few weeks. If a shift is not necessary then merely pick out what soil you can off top of ball and mulch with two inches of half decayed cow manure, to which you can add a 5-inch pot of bone dust to every bushel of manure. It keeps them from drying out and they feed on it. Time was when it was thought quite wrong to give animal manure to palms, ferns or coniferous trees. Now we know they all like it.

Rubbers.

Many growers now plant out their young rubbers and it is a fine way to get a sturdy, strong plant. Young plants a foot high with the top pinched out and planted out now will make fine branching plants by the end of September, and lift without losing a leaf. The soil should be a good, well manured, loam and within reach of the hose. Did it ever occur to you that plants of many kinds that we think want this or that kind of particular soil under glass will grow finely in almost any quality of soil when planted out of doors? Undoubtedly most plants have their preference for different soils, but it proves that soil is only a small part of the business compared to light and pure air and the rest of the blessings that plants and animals (including ourselves) gain from "out of doors." But aside from anything that the soil contains, texture of it is important to us, and those that have a good friable loam that will always wet or dry, fall easily into small particles, are fortunate, for in lifting plants from the ground, like rubbers I have just spoken of, or our familiar carnations, you get all the roots and fibers without a cumbersome lump of soil which, in reducing to the required size, carries with it the best roots as a clay and some kinds of sand do.

Ferns.

There is no wane in the popularity of that most useful plant, the Boston fern, and won't be until Nephrolepis Piersoni becomes common, and that will be three years hence. Excuse me, Mr. Editor, commenting on this wonderful fern, which I had the good fortune to see almost in its cradle a year ago last October. The mother plant was then at Tarrytown and a score or two of its babies. There is no mistake about this fern, it's a gem, and if as easily grown as Bostoniensis will soon be the whole thing. It's a gem and although pure good fortune, and not science and not skill, is to be thanked for its production, the lucky proprietor is to be congratulated.

New Carnation Empire State.

You can't very well be overdone with the useful Boston fern and every little runner or small plant you possess should be planted out in five or six inches of good rich soil on a bench. Perhaps a little shade is best for these young plants during the summer months, but get it off early in the fall. You will have plants of this fern larger than two inches that you want to make fine plants by next November. These are better kept in pots plunged on a bench and given the full sun or only the slightest shade. It is a mistake to keep this fern under a heavy shade; the plants grown under the full light are much better in every way. WILLIAM SCOTT.

NEW CARNATION EMPIRE STATE.

We present herewith a cut of a vase of Empire State, L. E. Marquisee's new white seedling carnation. Mr. Marquisee writes us as follows regarding it:

"It was originated three years ago and will be disseminated next year. It is a pure white of beautiful form, very full and double with serrated edges and possesses an exceptionally strong clove fragrance. In size it will easily average three and one-half inches in diameter and often four inches. At the present writing, May 26th, its flowers measure three inches. It has unusual substance and is a remarkably good keeper. Its calyx has the correct form and measures seven-eighths to one inch in diameter. It has a strong stem which properly supports the flower. It is without exception by far the strongest and most robust grower we have ever seen. It has the ideal habit, produces no grass, but a constant succession of strong flowering shoots. It is therefore a free and continuous bloomer."

It was awarded certificate by the Carnation Society and has been certificated wherever shown.

ROSES.

Seasonable Hints.

Now that planting is in full swing, those houses which were planted early are apt to be neglected during the rush, and beyond the regular watering, syringing and ventilating, in many cases they are left to look out for themselves.

Cultivating regularly should under no circumstances be omitted, as without this encouragement during hot weather the plants will come almost to a standstill, which is the preliminary to going back.

Staking and tying should also be attended to, every branch and stem should be tied separately and neatly and kept sufficiently apart to admit the free circulation of air among the foliage. If allowed to scramble over the bench the wood becomes thin, the eyes break weak and produce a thicket of blind wood, which makes a safe shelter for red spider, as it will be next to impossible to reach them with the syringe under such conditions.

Beauties which have now made some growth should be gone over, and where necessary have the tops cut out in order to make them bushy, cut off all buds as soon as they show color, and keep a strict lookout for spider and mildew. Spider is likely to attack the leaves at the base of the plant, as it is difficult to dislodge them from there with the syringe. As soon as the plants have attained a height of 15 or 18 inches these leaves can be stripped off as it is there that black spot usually starts. Every leaf showing signs of this trouble should be picked off and destroyed. RIBES.

THE HARDINESS OF THE PAEONY.

Prof. Nansen, of the Agricultural College of South Dakota, speaks in the highest terms of this flower. He says it will grow anywhere that pie-plant will. From my own experience it is much hardier than pie-plant. This year I had occasion to move both after they were well leaved out and buds were set on the pæonies. We had to strip the leaves from the pie-plant, but with every precaution half of them died, while all of the pæonies lived.

One fall I had occasion to cut up quite a lot for planting and, of course, some small roots were left on the ground. To my amazement, in the spring, after freezing and thawing all winter, I noticed a lot of tiny buds so small as to escape notice putting out leaves and throwing out little rootlets. Of course I took care of them and they are now doing well.

One fall I had some in an out-cellar but slightly packed, intending to keep them cool until spring. Someone left the cellar door open and they froze solid and remained so a month. I closed the door and let the frost come out gradually and I never lost a root. Last October in order to test them I planted thirty buds of the fragrant rose. There was not a root on them. I put them about two inches deep. Now there are twenty-seven vigorous plants and probably the three others are lying dormant to come up the next year.

The most remarkable experience was with a lot I got from England. By some mistake they lay a month in the express office. They were a fine lot; some were $2.50 a root in England. When I found them the box was shrunken from being in a dry, hot office, the moss was dry as powder, the roots were dead and the buds all dried up. The roots snapped like sticks and were black and worthless. I made the company pay for damages, but as a forlorn hope I took them home, cut the roots off and planted just the shrunken buds in moist earth in the cellar. In a month I found every one alive. The buds had swollen into life and were throwing out tiny roots. It was in December I planted them out and let them freeze solid all winter, but every one woke up in the spring and one of them bloomed. It took an extra year to form new roots but they were saved. They were like the Mexican resurrection plant.

Last spring by mistake two valuable La Tulipe pæonies were left two months in the barn, where they became very dry, and it did not seem possible for them to live, but I planted them out, watered them well and they are doing nicely.

These flowers are the hope of the great, bleak Northwest. I have the most encouraging reports from Manitoba, the Dakotas and Minnesota. They thrive well and bloom beautifully in all that region. Last fall I visited friends in Minnesota and took up and planted some old clumps for them. I found that the terrible winter of a few years ago had killed the buds, but the vigorous roots had sent out another set. It is well in that northern region to put on a mulch of old manure about four inches thick and let the plants grow up through it.

Last winter most of my roses were

killed to the ground, but not a pæony was hurt. They defy hail, blizzards and hot winds and are the flower of the future. C. S. Harrison.

York, Neb.

NEW YORK.

Club Meeting.

The regular monthly meeting of the Florists' Club was held at Civic Hall, 128 East 28th street, on Monday night. Walter Sheridan presided and in the absence of Secretary John Young, Alex Wallace acted as secretary. It was decided that the regular meetings of the club be held at above address until such time as the club can locate for the winter season. It might be well to remark that the club's old quarters at 27th street and Broadway, have changed hands and like unto Boston and Philadelphia some millionaire enthusiast might open his heart and his purse and provide the florists in New York a home.

The several committees reported progress, the outing committee especially encouragingly as to the club's outing and games on July 7th. This affords a splendid opportunity for employers to reward worthy employes. The only thing to think about is that it costs just as much to go in harness as singly. The club seems to be an ardent advocate of matrimony.

The Flower Market, Berlin, Germany.

Charles Weathered reported for the committee on new membership and his report occasioned quite an interesting debate. It was finally suggested to the committee that associate members be admitted to the club on payment of $2.00 a year dues and no initiation fee.. It might be incidentally remarked that there are a vast number of retailers and others who yearn to be members of some New York club and who cannot afford, not the dues but the incidentals connected with travels and club meetings and who won't be classed as associate members. Might be well to think it over, gentlemen.

Messrs. O'Mara, Weathered and Wallace were appointed a committee to suitably express the club's feelings over the lamented death of the secretary's father, Thomas Young, Sr. It was decided that the secretary notify the trade press and the secretaries of the several horticultural societies and clubs in this section of the time and place and subject to be discussed at the regular meetings of the club.

C. W. Ward, of the Cottage Gardens, L. I., was the hero of the meeting. He had been announced to have an exhibit of pæonies from his nurseries at Queens. Mr. Ward is extensively experimenting in pæonies and has gathered together some 300 varieties from all parts of the world. Unfortunately, owing to the severe storm here on Sunday the intended exhibition blooms were destroyed. However, he had a very fine exhibit at the club meeting and they were greatly admired. Quite a discussion followed, which we will speak of next week. Mr. Ward was awarded a cultural certificate for his exhibit, also a hearty vote of thanks. C. Weinberg, of Woodside, was awarded honorable mention for new Costa Rican bilbergias, and Beaulieu, of Woodhaven, same for pansies, dahlias and roses.

The transportation committee, Messrs. Wallace, Langjahr and Lang, are perfecting arrangements for the trip to the "Land of the Sky," and Capt. Lang is to have a special meeting of the bowlers at the old alleys next Monday and thereafter will drill his team on strange alleys. Capt. Lang suggests that an individual trophy be rolled for by the two or three best bowlers at the convention, the winner to be the champion bowler of the florists. Ivera.

The wholesale cut flower market is glutted and has been for a week past. Pæonias, sweet peas and all the ordinary summer blooms are in profusion everywhere. The ice boxes overflow. The rose and carnation markets are overwhelmed by the enormous supplies. The street merchants and even the big retailers have signs out showing excellent stock at 10 cents per dozen. In weddings and large decorations there is nothing doing.

Today (Wednesday) the June meeting of the New York Horticultural Society takes place at the Botanical Museum, Bronx Park. The president, Mr. Wood, delivers an address on "Horticultural Prospects." The museum, laboratories, herbarium and library are open as usual for inspection, and the usual exhibition of plants, flowers, etc., will be held in connection with the meeting.

Miss Belle Siebrecht, only daughter of Henry Siebrecht, Sr., of New Rochelle, was married Wednesday evening, June 4, amidst floral decorations in keeping with the abundant facilities in and around the great establishment of the firm of which her father is the head. The young lady is a charming girl with hosts of friends and good wishes from all who know her follow her as she begins the "voyage of life."

A call was issued to Brooklyn and Long Island florists for a meeting on June 10th with the view of forming a temporary association to make suitable preparations for the meeting of the American Carnation Society to be held in Brooklyn next February.

We have two unusual plagues this season. One is the 17-year locust, which threatens serious damage to outdoor vegetation, and the other is the soft coal nuisance, resulting from the scarcity of anthracite coal, due to the miners' strike. The deposits of soot on the glass roofs and on trees and plants is very depressing.

Marshall Clark, of David Clark's Sons, Brooklyn, N. Y., whose attack of appendicitis was very severe, is now convalescing, although he is unable yet to leave his bed. His ultimate recovery however is assured.

Rudolph Asmus, of New Durham, has had a very bad attack of pneumonia and his friends have been very anxious. At last accounts he was improving.

Louis Schmutz, Sr., whose legs were broken some weeks ago, is recovering rapidly.

The Southern R. R. has signalized its liberality and enterprise and its desire to make the S. A. F. convention at Asheville a great success, by granting a single-fare rate from any of its principal points, including New York, Philadelphia, Washington, Baltimore, Louisville and St. Louis to "the city above the clouds" and return. The Bostonians, New Yorkers and Philadelphians will doubtless arrange to meet at Washington and take a special train from that point in time to view the glorious scenery during the daylight of Monday, and in ample time to be comfortably settled and asleep at the respectably early hour observed by our southern brethren.

Austin.

PHILADELPHIA.

The Market.

Weddings and commencements give a great deal of work to the retailers for three or four days each week. They have plenty of good material to draw upon. Outdoor sweet peas are very useful in many ways, especially for bouquets. Other outdoor flowers form a welcome addition to the staple sorts. Coreopsis and cornflowers are plentiful. Outdoor roses made but slight impression on the market this season, very few being seen. Beauties sell freely at from $1.50 to $3 per doz. for the long-stemmed; Brides, Maids and Meteors, $4 to $6 per 100; good ones are not over-plentiful; Kaiserins, $5 to $8 per 100, are now preferred to Brides, though easily bruised when not handled carefully. Carnations are still fine but in over-supply. Ordinary grades bring 75 cents to $1; choice

Floral Store of J. C. Schmidt, Berlin, Germany.

blooms, $1.50 to $2. Some of the latter, when two or three days old, are retailed on the street at 10 cents per doz. Valley is good and very plentiful. Price ranges from $2 to $4 per 100. Greens are moving very slowly, especially smilax, which brings $12.50 to $15 per 100 strings.

Notes.

The great annual tearing out and replanting of rose houses has begun, many of the growers preferring to make a good start for next season, rather than put more time on stock that is exhausted.

Adolph Fahrenwald, of Hillside, will plant three houses with Liberty this season. The rose cup that he won at the New York show may be seen in the trophy case in the club room.

John Holt, late manager for Mrs. A. M. Baumann, has purchased the plant of Dr. E. L. German at North Wales, containing five or six greenhouses devoted to tomatoes. Mr. Holt will put the place in good shape and will grow a miscellaneous collection of plants, chiefly for the North Wales and Ambler markets.

Mrs. Plender will sail for Europe June 19.

Charles B. Stahl figured prominently in two events last week—one sad, the other happy. He was slightly hurt in a runaway accident on South street bridge; later he was married.

Fred. Ehret and Rupert Kienle will sail for Europe June 21.

Edward Reid has a very comprehensive telegraphic code of his own invention which his customers have used successfully for several years. This code is copyrighted; by its aid a dispatch of five or six words will order several good-sized boxes of flowers.

The June meeting of the Germantown Horticultural Society was addressed by Albert Woltemate on Monday evening.

Niermann & De Buys, 1619 North 5th street, have gone into the manufacture and sale of artificial plants. PHIL.

IN BERLIN.

We present herewith two interesting pictures we have reproduced from Meeller's Deutsche Gaertner Zeitung. One gives a view in the flower market hall, where immense quantities of flowers and plants are disposed of daily, and the other shows the exterior and display window of one of the leading retail florists of the great German city.

BOSTON.

The Market.

There is rather more business than usual at this time of year and much more than the usual supply of material for it, so if there is a gain for anyone it would seem to go to the retailer. The demand seems to be for best material obtainable, indicating wedding affairs, and keeping fairly good prices upon A1 goods, while poor material generally goes at a very low figure.

There is a feeling of a coming lull in so heavy a cut which may materialize even before this meets your eye, especially since there is an unseasonable change in the weather. It is not often that floral prices and the thermometer drop at the same time, but it was so in this case.

Lilies, the only scarce item at Memorial day, are now even more plentiful than anything else and can be bought anywhere from 4 to 8 cents. Roses are demanding anywhere from ½ cent up to 8 or perhaps 10 cents except in the case of Beauties, where the limit is 25 cents. Pinks being at ½ cent also, for quite good ones, and barely arrive at 3 cents for very fancy. Spirea is the only plentiful fine white, and there is not a large variety just now to be found. Sweet peas are not so plentiful as they were, not so good in quality and lower in price.

G. W. Ayer, of Wilmington, deserves the credit of bringing in the first asters of the season—two.

Rumors.

The Waban Rose Co.'s employes have formed a base ball team which hereby challenges any other floral team of New England. Dell Cartwright is pitcher, and Robert Dunn manager. "These who live in glass houses must not throw stones"; but this, perhaps, need not apply to those who earn a living in glass houses not throwing base balls.

There is a lively little vendetta started in the Italian branch of our street trade. "Mike Italy" accused "Macaroni" of "pinching" flowers. Macaroni struck Mr. Italy in the back of the neck and "ran away to fight some other day!" And Mike says Mac must fight some other day, too.

Elliott's salesman, Huston, must have heard it was the proper thing to "dump" a few roses, so he dumped his whole team into a trench where a gang of Italians were laying water pipes near Galvin's Back Bay store. These same laborers came in very handy to straighten things up, too. J. S. MANTER.

CHICAGO.

The Market.

Good roses are still short of the demand, and the best command $5 to $6 with some special selects reaching $7. On the poorest the price reaches down to $1, and they are to be had in great quantities. Beauties are decidedly scarce and the best bring $3 a dozen readily, the shorter lengths grading down by the usual scale.

Carnations are more plentiful than roses but there are none too many good ones, especially in white, though there are oceans of poor ones. The best are quoted at $1 to $2 and from that down to 10 cents a bunch for the "punk" stock.

Good pæonias are in good demand at 75 cents a bunch, but there is a lot of poor stuff in the market that won't move at any price. Some very good flowers are seen, but it is certainly a fact that pæonias have averaged poorer in quality than in other years, which is undoubtedly due to the violent fluctuations in temperature and heavy rains we have had this spring.

Lots of sweet peas are being received and prices are moderate, 25 to 50 cents a hundred being about the range for good stock.

Shipping demand continues satisfactory for the season, and it is evident that in other cities the school graduates are receiving flowers as usual, and that the annual crop of June weddings is being reaped.

New wood ferns from Michigan are being received in quantity now and they are improving in quality, being better hardened up.

Various Items.

The regular meeting of the Florists' Club was held Wednesday evening. This was the last one for the winter season, and now come the summer outings.

Fire destroyed a boiler shed and broke forty or fifty boxes of glass on the adjoining greenhouses at the establishment of Peter Reinberg on Sunday. The origin of the fire is unknown. It was a lively one while it lasted.

Hugh Woell, a shipping clerk at Bassett & Washburn's, had his foot crushed in the elevator last Saturday. He was taken to the Alexian Brothers' Hospital, and the results now promise to be less serious than was at first feared.

Flint Kennicott's daughter graduated from the Auditorium Conservatory of Music last Tuesday night, and it is needless to say that this graduate received an abundance of flowers.

Wietor Bros. are cutting a lot of fine Beauties from young plants in their early planted houses.

John C. Chase, Derry, N. H., was a visitor this week.

A meeting of the retail florists was called for Tuesday afternoon to advise as to the premiums to be offered for floral arrangements at the annual fall show.

ST. LOUIS.

Trade Conditions.

The market the past week was rather quiet with the supply slightly exceeding the demand. Several of the West End florists report orders ahead this week for weddings and school graduates, and no doubt there will be a good call for stock of all kinds.

Roses are in fair demand but the stock is becoming poorer every day, although occasionally a lot of good stuff is seen from our local growers. Fred Ammann is still sending in some extra fine long Beauties which are selling well. Carnations, too, had a good call, but stock is fast becoming small and about the only good stock that comes in now is Flora Hill and Triumph. White Cloud is good but small. Sweet peas are very plentiful and are exceedingly fine in quality, with fairly long stems and all colors.

Prices have gone down somewhat since the Decoration Day scarcity. Good roses bring from $3 to $6 per 100 and down as low as $1 for poor stuff; the bulk of the Brides and Maids are of poor quality. Beauties, long, bring from $2 to $2.50 per dozen; shorts from $3 to $6 per 100. Carnations are down to $1.50 for the best, but the bulk bring only $1 per 100. Sweet peas go at 25 cents per 100, but can be bought at $2 in 1,000 lots and will be below that price by the end of the week if stock keeps coming in as it is at present. Candidums can be bought at from $5 to $8 per 100 stalks, although some large stalks went as high as 10 cents each. Cornflowers are 25 cents and capes go at 50 cents per 100.

Trade in bedding plants is about over and some varieties are all sold out and others are getting scarce. The ground is in splendid condition for planting just now, as we have had some good rains.

Notes.

Mr. Chas. Weeks, late with the South Park Floral Co., New Castle, Ind., was a visitor and called on the trade. Mr. Weeks is taking a few months' rest for his health and expects to return to New Castle.

James H. Wilson, secretary of agriculture, accompanied by Dr. B. F. Galloway, chief of the bureau of plant industry, at Washington, were visitors the past week. In visiting the Merchants' Exchange Mr. Wilson was introduced to the members by President Tansey as "The chief farmer of the United States." Mr. Wilson and Mr. Galloway visited the World's Fair site to inspect the grounds set aside for the government display. Both expressed great surprise at the progress made and were well pleased with their trip.

The Count and Countess De Rochambeau and the French delegation who visited St. Louis the past week were loaded down with many large, beautiful bouquets of American Beauties on entering the Union station Thursday morning. The entire delegation were guests of the World's Fair committees.

The St. Louis florists should not forget the date set for the June club meeting and smoker. All florists are invited to share with us the good time that is in store for us on June 19. The meeting is to open at 2 o'clock promptly in the Commercial Club rooms. Those who have not paid their assessments to the World's Fair fund should not fail to attend, as this matter will be disposed of at this meeting. The trustees are also expected to report about the summer outing of the club and the place it is to be held. So let all our members and brother florists set aside next Thursday afternoon for a good time and make this the banner meeting of the year.

It has been rumored that Mr. Wm. Hucke, of Belleville, has bought a strip of land in East St. Louis on which he will build a range of greenhouses for roses and carnations for the St. Louis market.

President Fred Meinhardt has been so busy at his place of late that he is almost a stranger to us and an introduction will probably be necessary on June 19.

George Ostertag, who very seldom comes downtown, reports that they have been very busy the past week with luncheons and weddings, also had the Hosmer Hall decorations, and have both high schools for this week.

It has been reported that a good delegation of seedsmen will go from here to attend the twentieth annual convention of the American Seed Trade Association, which will meet this year at Minneapolis, Minn., June 24 to 26.

Lincoln Coles, son of Walter W. Coles, of Kokomo, Ind., was a visitor the past week.

Joe Fleischman, of New York and Chicago, was in town and it is rumored that he will open one of his elegant floral establishments on Broadway, this city, next fall.

Henry Johann, of Collinsville, Ill., was in town the past week buying supplies. Mr. Johann is well pleased with the past season.

Fred C. Weber reports two large dinners at the St. Louis Club the past week, at one of which 10,000 daisies were used and at the other 200 extra choice Beauties. He also reports plenty of funeral work to open up with for this week.

Bowling.

On Monday, June 9, the bowling club started its June series of 12 games with two scratch men, Ellison and Sturtz. Our new man, A. Meyer, rolled good games. Fred Weber was high man of the night and Meyer second. C. C. Sander made his appearance but rolled only one game. The handicaps are somewhat different, Sturtz lost 15 and Miller, Kuehn and Beneke lost 5, the rest remained the same as last month. The scores of the night were as follows:

	H.	1.	2.	3.	Total.
Fred Weber	35	210	147	178	535
A. Meyer	15	128	204	202	534
J. J. Beneke	10	169	185	163	517
C. A. Kuehn	6	177	167	167	511
Theo. Miller	30	165	183	155	503
A. Y. Ellison	0	168	180	144	492
J. Sturtz	0	158	179	146	483
F. M. Ellis	35	168	136	153	457

J. J. B.

BALTIMORE.

In this quarter we have had another change in the weather, after a copious rain precipitation and a day of high wind the thermometer this morning (June 9) marking 46 degrees. The downfall was general and much benefit was done the thirsting crops. Today is an ideal one of summer loveliness, but with a touch of almost autumnal chilliness in the air. Doubtless we will soon be bravely over this.

The volume of trade steadily declines, as is natural. There is some demand for good roses and carnations, but the bulk of those reaching the market go to the hands of the street venders. Weddings were numerous the past week, but the resulting demand for flowers made no great impression on the market. More or less commencements are still to come, but the summer exodus of people has begun and the demand for cut-flowers will now be limited pretty much to funeral requirements.

The changes made at the establishment of Isaac H. Moss at Govanstown show up now very effectively. The greenhouses on the east side of the York road have been raised and the office removed across the way, giving breadth and dignity to the dwelling, which is handsomely surrounded with fine plants and tasteful bedding.

R.

CINCINNATI.

The Market.

Trade is holding up remarkably well and June is proving to be one of the best months in the history of the florists' business in this city. The demand for all kinds of flowers is very good with roses first on the list and good ones are very scarce. There are a great many roses to be seen everywhere, but such little, dried-up, brown looking things are very hard to sell. Really good roses it is almost impossible to obtain; especially is this true of Brides. This rose is so liable to arrive all bruised and brown that many times buds that were undoubtedly A1 for this time of year when shipped, are unsalable when they are taken out of the shipping boxes. So too much care can not be taken in packing them so that they will arrive in the best possible condition. Maids always arrive in better condition as they do not show the effects of bad packing and rough handling as readily. The supply of Maids is much larger than that of Brides. Some very good Kaiserins are to be had and they easily take the place of Brides. Liberty is still coming in large quantities and there are a great many really good Golden Gates to be had. Best stocks in roses bring 5 to 6 cents, with seconds and thirds at 2 to 3 cents and less.

Carnations are in very large supply, especially the poorer grades, and at times they are very hard to move at a good figure. They sell at from 50 cents for the poorest to $1 and $1.50 for the best. Some fancy varieties, of which there are a few to be had, sell well and bring $2 per 100. This grade of carnation is holding out very well this spring both as to color and size, and they are the kind that sell, for they are always sold out first.

A few good pæonies are still to be had; they bring 4 cents. Some very nice sweet peas are being shipped in from out of town; they sell readily at 50 cents per 100.

New eastern ferns will be in this week and will bring $1.50 per 100. There is a great deal of first-class smilax around at $15 per 100, also some fine asparagus in bunches and strings at 50 cents each.

Various Items.

Mr. P. H. Thirkildson, formerly manager of Mrs. E. Miller's greenhouses at

A Chrysanthemum Shelter.

Ironton, O., died on Sunday morning last of cancer of the stomach. He leaves a wife and family of seven children, the youngest being but two months old. The funeral services were held on Monday and he was buried at Woodland cemetery, Ironton.

Wm. Murphy, whose plant was almost totally destroyed by wind and hail recently, is hard at work tearing down and rebuilding. At present he is building three houses entirely new, 20x84 feet. In time he will rebuild his entire place.

Mr. J. T. Conger suffered a slight loss through a hail storm that visited his place recently.

Mr. C. H. Roney, manager of the Lakeview Rose Gardens, Jamestown, N. Y., was a caller; also Mr. Waltz, of Wilmington, O.

Saturday night is the regular meeting night of the Florists' Society with election of officers in order. So let every one try to be on deck. Polls are open from 8 to 9:30 p. m. C. J. OHMER.

A CHRYSANTHEMUM SHELTER.

We present herewith an engraving from a photograph of a chrysanthemum shelter used by Mrs. G. J. Starr, the florist of Wilson, N. C. In the mild climate of North Carolina such slight protection is all that is necessary to carry the plants through till the blooms are perfected. And we have seen some very good blooms grown in the north under similar protection, which is very like what John Thorpe used to call a "chrysanthemum snug harbor."

As is well known, the Japanese produce their specimen plants and blooms under paper-roofed houses. Couldn't some of the chrysanthemum weaknesses be avoided should we do the same? We have been in some chrysanthemum houses in mid-summer that were hot enough to make one sympathize with the poor plants and wonder that they didn't die at once of heat and suffocation. Of course first class blooms were not cut from them afterward, but in spite of all the advice as to ventilation a comparatively cool and airy greenhouse in summer is the exception rather than the rule.

YOU WILL find all the best offers all the time in our classified advs.

DAY LILIES.

The Hemerocallis or Day Lilies must be numbered amongst the most charming subjects in our herbaceous borders, even though the flowers are of such an ephemeral nature as to fully warrant the appellation of "The Lily of a Day." The flowers, though so fugitive, are produced in such profusion under favorable conditions as to render the blooming period of quite long duration. The buds open in constant succession, especially if a little attention be given to the removal of the faded flowers.

Let us inquire for a moment what these favorable conditions are. Briefly stated, a rich yet fairly light soil and a semi-shaded border fulfil their requirements. These requirements are evident from the fact that in most cases the failures to flower these subjects satisfactorily are due to dry, shallow, impoverished soils and exposed situations. Where planting in such soils is imperative, plenty of well-decayed manure should be well incorporated previous to planting, afterwards applying a liberal mulching as occasion requires.

In rich borders Day Lilies not only flower profusely, but make rapid growth and lend themselves to ready increase by division, though to ensure a good effect they should be grown in clumps or bold masses with plenty of space between. They should also be lifted triennially, when a change of position is frequently of benefit.

The genus Hemerocallis is by no means a large one at present, as several species formerly classified as such are now referred to the allied funkias. Hybrids or cultural varieties have hitherto been few until recently. Mr. G. Yeld, of York, has turned his attention to these subjects, and with much success. He commenced by crossing H. Thunbergi and the single H. disticha, producing and placing in commerce Apricot, color as named; Flame, outer petals bright maroon-orange on the back of each, attains the height of 18 inches; Estmere, similar to last named, vigorous.

Of the true species in cultivation we have the following: H. Dumortieri (syns., H. rutilans and H. Sieboldi), from Japan, with flowers of a rich yellow color, bronzy orange on the exterior, 18 inches high; H. flava, sweetly scented, clear, full yellow, flowering in June. It attains a height of two feet. The following bloom during July and August, viz.: H. fulva, coppery orange, crimson shadings, tall grower, very fine; H. f. variegata, beautifully variegated silver foliage; H. disticha fl.-pl., large, handsome, semi-double flowers of rich orange-crimson, broad foliage; H. Thunbergi, fragrant golden yellow flowers, 1½ feet high; H. Middendorfiana, orange-yellow with chocolate exterior, twelve inches; H. Kwanso fl.-pl., orange, shaded and netted with crimson, very robust; a variegated white and green form is well worthy of attention; H. minor, charming dwarf Chinese species, suitable for rockwork, flowers yellow, tinged with green, foliage narrow.

While last, but by no means least, we have the remarkable H. aurantiaca and H. a. major, of recent introduction from Japan. Many individual blooms measure seven or eight inches across, of a pleasing apricot-orange tint, strong and vigorous growers, probably the finest of all the Day Lilies.—F. Dixon, in Gardeners' Magazine.

WATER-TIGHT BOILER PIT.

Will Mr. Gibbons please tell us how to make a boiler pit water-tight? In a recent issue he describes a system of piping for a house in which he says to drop the boiler down and if there is danger of water it is a very simple and inexpensive matter to make it tight. I have a pit 10x12x6 feet deep, walled up with common field stones and pointed with mortar. The bottom of the pit is cemented about 1½ inches thick with Rosendale cement made 1 part cement to 3 of sand. The situation is not wet but I am afraid that the spring rains will soak in and cause trouble. J. A. M.

Replying to the inquiry of J. A. M., for water proofing the side walls, first construct a temporary wall of rough boards 4 to 6 inches away from the inside face of the present stone wall to the height desired, then fill in the space between the boards and the stone by concrete made from one part of Portland cement to three parts of fine gravel or broken stone, in sizes from that of a pea to a hazel nut, from which the sand has been screened. This concrete must be mixed somewhat slushy and thoroughly puddled or rammed into the space between the boards and the wall, the wall having been first thoroughly wetted down. When the four walls are finished and of the height desired and the cement set, remove the boards.

Assuming that he has a good solid bottom to the present floor, I would suggest that he first rough up the surface of the present floor, then thoroughly soak it and put on a 1½-inch layer of cement composed of one part of Portland cement to three of very coarse sand, thoroughly working the cement down while in a sloppy condition. If a smooth surface is desired on the finished walls, mix equal parts of cement and sand very thin and paint over the wall with this mixture by the help of an ordinary whitewash brush.

HENRY W. GIBBONS.

New York.

COLORADO SPRINGS, COLO.—E. R. Ripley is adding considerable new glass to his place on West Colorado avenue.

SAMUEL S. PENNOCK, Wholesale Florist.

VALLEY, GARDENIAS. 1612 Ludlow St. PHILADELPHIA, PA.

Open 7:30 A. M. to 8 P. M. Long Distance Telephone.

Mention The Review when you write.

MILWAUKEE.

Decoration Day business practically cleaned up nearly everything in blooming plants, as well as everything used in the bedding line. The frequent changes in the weather kept buyers from purchasing until almost the last day. The call for geraniums, especially the dark scarlet varieties, was in excess of the supply and late buyers had to content themselves with plants not yet in bloom. Golden Bedder and Verschaffeltii coleus sold well. Cannas are increasing in demand, especially the dark-leaved varieties.

John Dunlop, Wm. Edlefsen and F. Schmeling were awarded contracts for some of the city parks and Nic Zweifel is doing the work at the Court House Park.

Heavy rains the past two weeks have delayed planting to some extent. A slight frost on the 4th nipped the coleus in some parts of the city. Quite a hailstorm passed over on the 2nd, but little damage was done to glass here.

At a meeting of the school board a resolution was passed instructing the principals of the various schools not to allow any bouquets at the graduating exercises. They advocate plain dresses and no flowers. This is not very encouraging to the trade.

Shipping business has been brisk the past week, June weddings cleaning up most of the good shipping stock.

Visitors the past week: V. Wayman, Madison, Wis.; A. N. Kinsman, Austin, Minn.; Leo Bather, Clinton, Iowa; John Beusted, Racine, Wis.

Incog.

West Hartford, Conn.—George A. Goodwin, the florist, died May 30, of pneumonia, aged 42 years. He leaves a widow and three sons, aged 10, 8 and 4 years, respectively. The funeral services were conducted by the Masonic lodge of which he was a member.

Rochester, N. Y.—The incorporation papers of the Mandeville & King Co. have been filed with the county clerk. The company will deal in seeds and is capitalized at $250,000. The directors are William J. Mandeville, Fred B. King, William T. Fonda, all of Rochester; and Seth H. Pearse, of Cape Vincent, N. Y.

Hohokus, N. J.—H. Enos, formerly of New York City, has located here and will carry on a floral business.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Young gardener assistant for growing orchids and general greenhouse work; one who has had some experience in orchid growing preferred; wages $45.00 per month and room to start with; to work under foreman on a big private place. Address H. G. S., care Florists' Review.

WANTED—At once—sober, industrious man between 25 and 35 years of age; must have knowledge of general greenhouse work; wages $20.00 per month with board; American preferred; reference required. Address I. L., Tacony P. O., Philadelphia, Pa.

WANTED—A reliable man for general greenhouse work; $25.00 per month and board; will increase wages and give steady employment to the right man. H. Kaden, Florist, Gainesville, Texas.

SITUATION WANTED—As manager or foreman on medium sized cut-flower growing establishment; married; state wages, etc. Address Manager, care Florists' Review.

SITUATION WANTED—No. 1 grower of roses, carnations, mums, and general line of bedding plants, wants situation as working foreman. Address Florist, care Henry Young, Rosehill Cemetery Drive, Chicago.

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

WANTED—A steady young German, 18 or 20 years of age, for greenhouse and out-door work, with some experience on a private place. $20.00 per month and board. E. G. Gillett, 113 East 3rd street, Cincinnati, Ohio.

WANTED—1200 feet of 2-inch pipe. Second-hand if possible. Fred Roll, Durham, N. C.

WANTED—Competent man to take entire charge of growing. Will give the right man interest in the business. Must come well recommended with unquestionable ability. No others need apply. A great opening, and those interested will do well to give this immediate attention. Greene & Underhill, Florists, Watertown, N. Y.

WANTED—At once—a No. 1 chrysanthemum grower, must come well recommended, a steady position to the right man. Address Nanz & Neuner, Louisville, Ky.

WANTED—Man experienced in general greenhouse work. $25.00 per month and board. Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 723 E. State Street, Redlands, Cal.

SITUATION WANTED—By a single young man with ten years' experience in general greenhouse stock. Address A. F. Hebel, care of H. Schlachter, Winton Place, Ohio.

WANTED—At once, a reliable florist. Must be sober, honest, and a good worker; one that is capable to take full charge of medium sized place and grow a general collection of plants and cut flowers for retail store trade. State wages with board and send good references of recent date in first letter. Good wages and steady place to right man. Fred J. King, 220 Madison street, Ottawa, Ill.

FOR SALE—Tabasco hot water boiler, No. 32, price $50.00; also Wilks' hot water boiler, No. 30, price $35.00. Both are magazine feed and carry fire 8 to 10 hours; both in good order and have new grates used past season only; capacity, 1000 to 3000 feet of glass each. Write for further particulars. Terms cash. W. H. Culp & Co., Wichita, Kan.

FOR RENT—At Frederick, Md., greenhouses in complete order, 162x20, 63x18, 107x11; boiler room 60x18; No. 8 Furman boiler and small heater; large mushroom cellar; stable; two acres of ground; dwelling for rent near by; city water; no stock on hand. Rent $300.00 per annum. Ill health of owner compelled retirement from successful business, principally vegetables and mushrooms for Washington and New York. Address Henry Trail, Frederick, Md.

WANTED—Young man to learn the greenhouse business and the growing of roses and carnations; state age. Apply to John L. Wyland, De Haven, Pa.

SITUATION WANTED—As foreman; thoroughly competent and reliable; 21 years' experience. Address 21, care Florists' Review.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

FOR RENT—A prosperous retail and wholesale business; new houses complete; 15,000 feet of glass, 16x24; one acre of land, and dwelling; rent $60 per month; opposite Woodmere cemetery gates; one mile from Detroit, Mich. Address Anton Kaier, Woodmere P. O., Mich.

For Rent About 500 ft. of glass, consisting of three houses, one 100x20—¾ span; two 100x10—full span. Heated by hot water with half-acre of land. $15.00 per month. Illness cause of leasing. Possession at once. Single or married man with small family preferred. Address "A," care Florists' Review.

WANTED HOT WATER BOILER, capable of heating 3000 to 4000 ft. of glass. Give all particulars, number and make, how long used, condition it is in, etc. Price F. O. B. Wilton. Address JOHN BEIMFORD, Wilton Junction, Iowa.

WANTED—Competent working-foreman to grow roses, carnations, mums and general bedding stock. $60.00 per month to right man. References required. Central Greenhouses, Sandusky, Ohio.

WANTED By one with a national reputation as a decorator and maker-up, the best position available in a retail store. Able to take charge. State terms.

ILEX, care Florists' Review.

THE UNDERSIGNED begs to inform the trade that he has retired from the firm of McKellar & Winterson Co.

JOHN DEGNAN.

Chicago, June 6, 1902.

WANTED.

Working Foreman (young married man preferred) able to take charge of a medium sized place, two hours' ride from Philadelphia, where Beauties, Maids and Carnations are grown for the trade. Only a grower of good stuff wanted. Address, stating qualifications, references and wages expected, **G B. P., care of Florists' Review**

FANCY or DAGGER FERNS $1.00 per 1000. Galax Leaves, Bronze or Green, 75c per 1000. Use our Laurel Festooning for your June decorations, its the best and cheapest in the market, 4c, 5c and 6c per yd. Bunched Laurel and Laurel Wreaths when wanted.

Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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Charles Millang, 50 W. 29th St. NEW YORK.

The "Lily King" is called the "Early Bird!"
First in the market, be it hot or cold,—
His the melodious voice that's soonest heard
Buying up all the Lilies, I've been told,
Small wonder then, the melody the Lilies always sang,
When they with perfume-laden voice, serenaded Charles Millang!

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to
Telephone for what you want. We have it.

TELEPHONE NUMBER 2230 MADISON SQUARE

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ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

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MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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Burbank's Shasta Daisy.

Shasta Daisy

THE LATEST FLORAL WONDER.

Plants 25c each; $2.50 per doz.; $15.00 per 100; $100.00 per 1000. 25 at 100 rate, 500 at 1000 rate.

100 Seeds, 50 Cents.

California Carnation Co.

LOOMIS, CAL.

Mention The Review when you write.

CHAS. WINSEL, SEEDSMAN,

Successor to Brose-Fleur Seed and Plant Co.

247 S. Main St., LOS ANGELES, CAL.

SEEDS. NEW CROP! Phoenix Canariensis, Seaforthia elegans, Corypha australis, Erythea edulis, Dracaena indivisa, Eucalyptus and Acacia seeds. Roemer's superb prize pansies.

Write for Price List.

Mention The Review when you write.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.

Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo.

Always mention the Florists' Review when writing advertisers.

Largest and Finest Stock of **CHRYSANTHEMUMS** in the country. Also 200,000 Young Rose Plants in best possible shape.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00

YELLOW.	Per 100 R. C.	Per 100 2½-in.
October Sunshine	$2.00	$2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	3.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Wnilldin	1.30	2.00

PINK.	Per 100 R. C.	Per 100 2½-in.
Montmort	$1.30	$2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—IMMENSE STOCK OF COL. APPLETON, rooted cuttings, $15 per 1000; 2½-inch pots, $20 per 1000. BONNAFFON, rooted cuttings, $10 per 1000; 2½-in. pots, $18 per 1000. Fine stuff.

ROSES FOR FORCING.

An exceptional fine lot of 200,000 Plants in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	Per 1000	3-in. Per 100	Per 1000
Golden Gates	$3.00	$25.00	$4.50	$40.00
Maids	3.00	25.00	....	40.00
Brides	3.00	25.00	....	40.00
Meteors	3.00	25.00	....	40.00

STEVIA, R. C., per 100.....$1.50 2½-in., per 100.....$2.50 2½-in., thousand lots.....$22.50

No order filled for less than $2.00, or less than 10 of a variety. 5 per cent discount allowed for Cash. Remittances must accompany orders from unknown parties. Goods sent C. O. D. if requested. All orders filled in strict rotation, and as soon as stock is ready. Every order has our personal supervision and satisfaction is guaranteed. Cuttings rooted to order if not in stock.

Poehlmann Bros. Co., -- Morton Grove, Ill.

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Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

TOMATO—Stone, Royal Red, Perfection, Paragon, Favorite, Dwarf Champion and other varieties, 15c per 100; $1.00 per 1000.

EGG—New York Improved, 25c per 100; $2.00 per 1000.

PEPPER—Ruby King, Bull Nose, Sweet Mountain and other varieties 25c per 100; $2.00 per 1000; $15.00 per 10,000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md.

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JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and LATANIA BORBONICA

Price List for the asking.

FRUIT AND FLOWER PLATES

Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN

SEND FOR PRICE LIST.

Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.

VREDENBURG & CO., Rochester, N. Y.

Mention The Review when you write.

GERANIUMS..

2-inch pots, $3.00 per 100. BEST RECENT INTRODUCTIONS—500 Mme. Charotte, 300 Jean Viaud, 600 Mme. Landry, 1000 Hubert Charron.

STANDARD VARIETIES—$2.50 per 100—500 S. A. Nutt, 1000 Mars, 400 Marvel, 200 Mme. Buchner, 300 La Favorite, 250 Duc de Montemort, 150 Theo. Theulier, 200 Countess de Castiers, 100 Mme. Bruant, 100 Pierre le Brun.

Strong Frame Grown, 4-inch pots—$7.00 per 100. 250 Duc de Montemort, 200 Mme. Jaulin, 500 Marvel, 1000 S. A. Nutt. From 3½-inch pots—$5.00 per 100. 500 Mars, 200 America.

BEGONIA REX—Best varieties, in 2½ and 3-inch pots, $5.00 per 100.

CYPERUS ALTERNIFOLIUS—2-inch pots, 1000 at $2.50 per 100.

MATRICARIA—2-inch pots, 400 at $2.00 per 100.

HELIANTHUS RIGIDUS—2-inch pots, 250 at $2.50 per 100.

PENNISETUM LONGISTYLUM—2½ and 3-inch pots, 1200 at $3.00 per 100.

CAREX JAP. VAR.—2-inch pots, 3500 at $2.50 per 100.

CANNAS—3-inch pots, Pierson's Premier, Chas. Henderson, Florence Vaughan and Queen Charlotte, $5.00 per 100.

NATHAN SMITH & SON, ADRIAN, MICH.

Mention The Review when you write.

Pandanus Veitchii,

Nice stuff for vases, 6-inch pots, $1.00 each, $12.00 a doz. Also larger sizes.

Boston Ferns,

6-inch pots, 50c each, $6.00 a doz.

BUSHY PLANTS.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R. GERMANTOWN, PA.

Palms

Home Grown, Fine Clean Stock, Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

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Valley and Beauties of Extra Fine Quality.

During June will be open from 7 A. M. to 5 P. M.

LEO NIESSEN,
N. W. Cor. 13th and Filbert Sts.
PHILADELPHIA, PA.

Mention The Review when you write.

Cineraria, Calceolaria and Chinese Primrose

UNRIVALED STRAINS FROM ENGLISH SPECIALISTS.

Cineraria—English Prize Giant-Flowering. Mixed, per pkt., 500 seeds, 25c; ½ tr. pkt., 60c; tr. pkt., $1.00
Calceolaria— " " " " " " 500 seeds, 25c; ½ " 60c; " 1.00
Primula (Chinese Primrose) English Prize, Fringed, Mixed ....per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.
Primula Forbesi (Baby Primrose) Rosy Lilac.....per 100 seeds, 25c; 500 seeds, $1.00
Primula Obconica Grandiflora.....per 100 seeds, 20c; 1000 seeds, 1.50
Pansy—J. & S. Kingly Collection—The finest strain of Giant Pansies now offered to the trade. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; per oz., $5.00.

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

ORANGE, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held at their rooms on Main street on June 4. The one topic of the evening was the contemplated flower show, concerning which some seventy-five citizens had been addressed in the hope of attracting substantial support. Only eight of these responded and the committee decided this insufficient for a successful exhibition. Therefore the motion was reconsidered and the society decided "to hold no flower show."

Mr. A. Rolloff, of East Orange, exhibited some seedling carnations, one of which, of magenta color, attracted attention. The society adjourned for their usual summer recess after providing for a suitable opening meeting in October for themselves and their families. J. B. D.

HARTFORD, CONN.

Large quantities of plants have been sold this spring. Decoration Day, of course, cleaned up pretty much everything, but the growers were well supplied and no one suffered.

It is with great sorrow I have to report the death of Geo. A. Goodwin, after an illness of only eight days. Mr. Goodwin was acknowledged to be the best violet grower in this section, and the writer has often referred to him as the violet king. He was also an honest upright man respected by all.

John Coombs has just completed another carnation house.

Plants in the field are doing well here, no doubt on account of the cool nights.

O.

CORRECTION.—In the advertisement of Messrs. W. H. Gullett & Sons on page 60 of our last issue an error was made whereby they were made to offer 2¼ and 3-inch roses at the same price. This should have read "2¼x3-inch," meaning a rose pot 2¼ inches in diameter at the top and 3 inches deep. The error has been corrected in this week's issue.

DAYTON, O.—W. G. Matthews, the florist, was injured in a collision between two rigs June 2. He was rendered unconscious and his injuries were at first thought to be serious. But it developed that there is no danger of his being permanently disabled.

WE ARE very well pleased with the REVIEW and have derived much benefit from the many good articles published.—JAMES BROS., Du Bois, Pa.

10,000 ROSES ALL KINDS.

5000 Coleus, 2-inch pots.
1000 Cannas, 3 and 4-inch.
5000 Smilax, 2x2½-inch.
5000 Plumosus and Sprengeri.
5000 4, 5, 6, 7, 8 and 10-inch Boston Ferns.
Vincas, Fuchsias, Pelargoniums, Hibiscus, &c., &c., for stock.

WRITE

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

10,000 S. A. Nutt Geraniums,

$6.00 a 100, in bud and bloom.

1000 Mme. Salleroi Geraniums and 800 Col. Appleton Chrysanthemums,

at $4.00 a 100. The above are all from 3½-inch pots.

Also 700 Col. Appleton Chrysanthemums,

from 2½-inch pots, at $2.00 a 100.

—CASH—

C. L. HOWE, - DOVER, N. H.

Mention The Review when you write.

Lily of the Valley!

The finest now ready to cut.

H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.

Fine Pips from Cold Storage $13.00 per 1000.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of

MACHINE WIRED TOOTHPICKS

10,000....$1.50; 50,000....$6.25

3000 6-inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,
300-306 Dearborn St, CHICAGO.

George M. Moss

WHOLESALE FLORIST.

Beauties, Brides, Maids, Carnations, Daisies. Sweet Peas, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.

EDWARD REID

WHOLESALE FLORIST.

Everything Seasonable for COMMENCEMENTS and WEDDINGS.

1526 Ranstead Street, PHILADELPHIA.
Store closes at 6:30 P. M. during June.
Long Distance Telephone.

Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Bouquets.

1403-05 Fairmount Ave., Philadelphia.
Long Distance Telephone.

Mention The Review when you write

Eugene Bernheimer,

WHOLESALE FLORIST,

SPECIALTIES:

Carnations, Roses, Valley and Sweet Peas

1604 Ludlow Street,
Long Distance Telephone. PHILADELPHIA, PA.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

Mention The Review when you write

SELECTED STRAINS OF Flower Seeds FOR FLORISTS.

Primula Chinensis, Obconica Grandiflora, Forbesii and Stellata.

Write for catalogue.

W. C. BECKERT, Seedsman, Allegheny, Pa.

Mention The Review when you write.

Michigan Seed Co.

WHOLESALE GROWERS

GLADIOLUS, DAHLIA and CANNA

Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

VINCA VAR.

You know what OUR VINCAS are. If you haven't tried them, do so now and be with the majority.

2¼-inch, $2.50; 3-inch, $4.00; 3½-inch, $6.00 per 100
Very large, bushy and long.....$10.00 per 100

DAHLIAS.

Fine Plants.....$6.00 and $10.00 per 100

COLEUS.

Verschaffeltii, yellow: Var Yellow, Pink Verschaffeltii, Her Majesty, fine plants, $3.00 per 100. Assorted colors, our selection, $2.50 per 100.

GERANIUMS.

Fine Plants.

Ivy Assorted
Rev. Atkinson,
E. G. Hill,
La Favorite,
Mars,
S. A. Nutt,
J. J. Harrison,
Eliza,
Mme. Salleroi.

$3.50 per 100.

Send for List.—Can give you Rooted Cuttings of all the standard varieties and many new ones.

VERBENAS.

Excellent Stock, in Bud and Bloom.

Mammoth..... .....$2.50 and $3.50 per 100

CENTAUREA GYM.

Fine Plants .....$2.50 and $3.50 per 100

SINGLE PETUNIAS.

Large stock, in bloom...$2.50 and $3.50 per 100

Miscellaneous Plants.

Alyssum Plants	$2.50	per 100
Ageratum " blue	2.00	"
" " P. P	3.00	"
Alternanthera Plants, yellow	2.00	"
German Ivy Plants	2.50	"
Heliotrope Plants	3.00, $6.00	10.00 per 100
Lobelia Plants	2.50	"
Lemon Verbena Plants	3.00	"
Marguerites, white, large	6.00	"
Salvia	2.50	"
Pyretheum Plants.....$4.00 and	6.00	"
" " golden .. 3.00 "	6.00	"

Send for our complete List of Seasonable Stock.

5 per cent discount when order is accompanied by Cash. Terms CASH OR C. O. D.

GREENE & UNDERHILL,

WATERTOWN, N. Y.

ROSE PLANTS!

Well established plants

	Per 100	Per 1000
Am. Beauty, 3-in. pots..	$ 8.00	$ 75.00
" " 2½-in. pots	6.00	50.00
Liberty, 2½-in. pots.....	12.00	100.00
Bridesmaid, 2½-in. pots..	3.00	25.00
Bride, 2½-in. pots	3.00	25.00
Perle, 2½-in. pots.....	3.00	25.00
Golden Gate, 2½-in. pots	3.00	25.00
Meteor, 2½-in. pots.....	3.00	25.00

All Plants sold under express condition that if not satisfactory when received they are to be returned immediately, when money will be refunded.

PETER REINBERG,

51 Wabash Ave., CHICAGO.

A SEASONABLE HINT.—This is a good time to order a copy of the Florists' Manual, by William Scott, if you do not already have a copy. It costs $5, but contains more matter of real value to florists than a library of other books costing from $50 to $75.

CLEARING SALE OF
Rose Plants

We have on hand the following Rose Plants that we must dispose of immediately as we are obliged to have the room. They were grown for our own use but we have concluded to grow only grafted stock, therefore this stock is for sale. We fully guarantee the plants to be in first class condition in every respect, and to get rid of them we will sell at the following low prices:

7000 MAIDS in 3-inch pots	at	$30.00 per 1000.
4000 MAIDS in 2-inch pots	at	20.00 "
3500 MAIDS in 4-inch pots	at	40.00 "
2000 GOLDEN GATES in 4-inch pots	at	40.00 "
1000 GOLDEN GATES in 3-inch pots	at	30.00 "
1000 GOLDEN GATES in 2-inch pots	at	20.00 "
1500 METEORS in 4-inch pots	at	40.00 "

250 at 1000 Rates.

This stock is as good as can be grown and guaranteed to be so.

Bassett & Washburn,

76 Wabash Avenue, CHICAGO.

GREENHOUSES--HINSDALE, ILL.

Mention The Review when you write.

Roses for Winter Blooming.

Fine healthy stock from selected cuttings.

PERLES, BRIDES, MAIDS, KAISERIN, WOOTTON, BON SILENE, MME. HOSTE, METEOR, SAFRANO, PAPA GONTIER, GOLDEN GATES, 3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

American Beauty, Sunrise, Liberty, 3-inch pots, $9.00 per 100. 4-inch pots, 12.00 "

Grafted Roses -- Kaiserin, Golden Gates, 3½-inch pots, $15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

We have 3000 fine METEOR PLANTS

In 3½-in. pots to spare at $60.00 per 1000: $7.00 per 100. Cash with order please.

BENJAMIN DORRANCE, = Dorranceton, Pa.

Mention The Review when you write.

Roses

from 2½-inch pots. PERLES, $3.50 per 100; $30.00 per 1000. MAIDS, BRIDES and GOLDEN GATES, $3.00 per 100; $25.00 per 1000.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

ROSE PLANTS

2½-inch Rose Plants, fully as good as any we have ever sent out:

METEOR, $2.50 per 100; $20.00 per 1000.
MAIDS, 3.00 per 100; 25.00 per 1000.

J. A. BUDLONG,

37-39 Randolph St. CHICAGO.

Mention The Review when you write.

ROSES—From 5-inch pots at 9c, fine clean plants; Clothilde Soupert, Gen. Jacqueminot, Coquette des Blanches, La France, Malmaison, etc. Large-flowered CLEMATIS—The finest purple, white, lavender and red sorts; 2-year dormant or from 5-inch pots, 18c; fine 1-year, at 9c. Clematis Paniculata 2-year dormant, 6c; from 5-inch pots, 10c; extra from 6-inch pots, 18c. AMPELOPSIS VEITCHII—From 4-inch pots, 8c; from 3-inch pots, 5c. Hydrangea P. G.—Nicely rooted layers, 2c. Packing free for Cash.

W. H. SALTER, - - Rochester, N. Y.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

For Particulars Address

JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.

BUTTE, MONT.

Decoration Day business was remarkably good here. The week started with a heavy demand for funeral flowers owing to the death of the wife of P. J. Brophy, a very prominent woman. Every flower that could be obtained was used. One house alone had orders for $835.00 worth of work, and there are three other florists here. All were cleaned out.

Decoration Day came four days later and stock was cleaned up two days before. Carnations were very scarce. Law Bros. were unfortunate enough to lose 2,000 which arrived asleep and the State Nursery lost 600. The Butte Floral Co. cut 3,400 during the week and cleaned them up on the 30th at $1.50 to $2.00 a dozen. Roses sold at from $2.00 to $3.00 a dozen. Potted plants were cleaned up, anything in the way of a plant going freely. Geraniums in 5-inch pots sold readily at $1.00, fuchsias at 50 cents to $3.00, the same for Marguerites in 6-inch pots. It was not a question of price, but of the plants the public wanted. Lilac sold at $1.00 a bunch. 12 sprays in a bunch. It would probably shock eastern florists to mention some of the prices obtained. It was an exceptional Decoration Day here. The weather was finer than it has been for years, and the cut flowers all gone. Plants were all there was to fall back on.

Stock is still scarce, the weather cool Monday, May 19th, we had sleighs passing the store, there having been a fall of six inches of snow. But it did not last long. Wild flowers are coming in now, fine lilacs from Missouri and Cape jasmines from Texas.

The finest wedding decoration ever seen in Butte was that for the Templeton-LeBeau nuptials, June 4th. A photograph showing part of the church is sent with this. Mr. O. A. C. Oehmler, with the Butte Floral Co., was the artist. White flowers and greens were most prominent, and palms and similar decorative plants were freely used. At the house the decorations were of roses, carnations and palms, pink and white predominating in the flowers.

The dining table had a center piece of pink and white carnations. Rising out of a base of foliage and carnations was a pink satin wound standard holding aloft a shower of the carnations, in which was intermingled delicate vines of Sprengeri, the latter drooping over effectively. Overhead, the chandelier, massed with smilax, was also shrouded with white tulle, pink and white taffeta ribbon completing the decorations. At two corners of the table stood fairy lamps, trimmed with large taffeta bows in pink and white and holding bisque rose shades. The bridal cake also occupied a place on the table and was wound with tulle and adorned with a cluster of Bride roses. RAMBLER.

POUGHKEEPSIE, N. Y.—The board of trustees of the school of agriculture and horticulture for some time past conducted at Briarcliff Manor, N. Y., has purchased over 400 acres of land here for the permanent establishment of the school. The agricultural course for students will be considerably extended. Geo. T. Powell is director.

DU BOIS, PA.—James Bros. report an excellent spring business and say their first year's experience in the trade has been very satisfactory.

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THE "OLD RELIABLE" FOR
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To close out surplus stock we will offer the following goods at greatly reduced prices until sold. Orders filled in rotation. Order quick to insure these prices. Cash with order.

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Cycas Leaves Best imported stock, 24 to 48 inches, assorted, per doz., $2.00; per 100, $15.00.

Cane Stakes 5 to 6 ft. long, per 1000, $1.50; 10000 for $10.00.

Baskets All kinds in assortments, $5.00, $10.00 and $25.00, 10 per cent less than regular prices.

Tin Foil Either 5 or 7-inch, 5 lbs., 45c; 10 lbs., 80c; 25 lbs., $1.95; 100 lbs., $7.50.

White Pampas Plumes Select stock, per 100, $2.50 per 1000, $20.00.
COLORED " " Assorted colors, per 100, $5.00

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Cut Flowers and Florists' Supplies.
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Specialist for Summer Grown Roses and Carnations.
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3-inch, extra fine, Maids and Brides....$4.00 per 100; $32.50 per 1000
CASH WITH ORDER.

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DON'T waste your time hunting through pages of miscellaneous advertising for what plants you want. Turn to our alphabetical classified ads. and you will at once find what you want, if it is in the market.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Souv. de Boon, $2.00 100, $15.00 1000. Abutilon, 6 best sorts, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

Abutilon Savitzii, fine 2½-in., $3.00 per 100. Cash. Roney Bros., West Grove, Pa.

ACHYRANTHES.

Achyranthes Emersoni, 2-in. pots, $2.00 per 100; rooted cuttings, 75c per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUM.

Ageratuma, 2 varieties, blue; fine plants in bloom, 3-in., $3.00 100. Crown Point Floral Co., Crown Point, Ind.

Ageratum Princess Pauline, 2¼-in. pots, $2.00 100; only a few left. Coolidge Bros., South Sudbury, Mass.

Ageratum Princess Pauline, $1.50 100.
Good & Reese Co., Springfield, O.

ALTERNANTHERA.

Alternantheras out of 2-inch pots. Hermsdorf, $35.00 per 1000. P. Major, $20.00 per 1000. A. Nana, $16.00 per 1000. Strong plants, good colors. Cash with order. H. Stahlhut, New Lots Road and Shepherd Ave., Brooklyn, N. Y.

Alternantheras. Par. Major, red; Aurea, yellow. Fine bushy plants at $25.00 per 1000. Fred Schweizer, New Durham, N. J.

P. Major and Aurea Nana, $15.00 per 1000. Hermsdorff, $30.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

700 alternantheras, red and yellow; fine 2-in. pots, $1.50 per 100. The McKellar Greenhouses, Chillicothe, Ohio.

Alternatheras, red and yellow; strong plants from 2½-in. pots, $2.00 100; $15.00 1000.
Chas. W. Thompson, Bayonne, N. J.

Alternantheras, red; fine plants, $2.00 per 100. Cash. Geo. E. Fancourt, Kingston, Pa.

Alternanthera, red and yellow, price 2 cents. Biddison Bros., Raspburg, Balto. Co., Md.

Alternantheras, 2-in. pots, $2.00 per 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, 2½-in., $2.50 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Alternantheras, red, $1.50 100.
Good & Reese Co., Springfield, O.

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We are headquarters for Water Lilies and Aquatic Plants of all kinds.
H. A. DREER, 714 Chestnut St., Philadelphia.

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ASPARAGUS PLUMOSUS NANUS. We devote twelve large houses to this specialty. 2-inch, immediate delivery, $4.00 per 100; $35.00 per 1000; 5000 for $150.00. Large one-year-old clumps from the bench for planting out. Will give several crops of strings the first season, $4.00 per doz.; $25.00 per 100; $225.00 per 1000. Fine plants from 4-inch pots, $2.50 per doz.; $18.00 per 100. Cut strings of asparagus at any time. $6.00 per doz.; $50.00 per 100. Asparagus, long sprays, $2.00 per 100; $20.00 per 1000.

Emerson C. McFadden, Telephone, 28A, Short Hills. Short Hills, N. J.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000; A. Sprengeri, strong plants, 2½-in. pots, $3.00 100, $25.00 1000. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, heavy strings, 6 to 7 ft. long, 50c per string. J. Wm. Coldfesh, 53rd and Woodland, Philadelphia, Pa.

Asparagus Sprengeri from flats, $1.00 100, $8.00 1,000; 2¼-in., $1.50 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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Asparagus plumosus, strong plants, 3-in., $8.00 100. C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Asparagus plumosus nanus, fine 2-in. stock, $3.00 per 100, $25.00 per 1000. C. Betscher, Canal Dover, Ohio.

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Cut strings, 50 cents each.
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Asparagus plumosus, 2½-in., strong, $2.25 100, $20.00 1000. Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 3-in., good stock, $3.25 per 100. Hull Floral Co., Morris, Ill.

5000 Asparagus Sprengeri and plumosus. Write Geo. A. Kuhl, Pekin, Ill.

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Asparagus Sprengeri, 4-in., $12.50 100. Cash.
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Asparagus plumosus, 4-in., $10.00 100.
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Aspidistra var. and green, in fine shape, 2c per leaf. J. J. Vondersaar, 1537 Madison Ave., Indianapolis, Ind.

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Semple's white, purple, rose, shell pink and lavender, separate colors, $2.50 per 1000; all colors, mixed, $2.00 per 1000.

Comet, Daybreak and Ostrich Feather, varieties and colors mixed, $2.50 per 1000, 35c per 100.

Special prices on large lots of mixed varieties. A. & G. Rosbach, Pemberton, N. J.

Asters. Transplanted plants of Semple's mixed colors; Victory, Giant Comet, Trauffaut's Perfection, mixed. Fine plants, 40c per 100, $4.00 per 1000. Cash.
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A few thousand white and pink aster plants left. Best tall-branching from seed bed, $2.00 1000; transplanted plants, $3.00. Strong, sturdy plants. S. J. Galloway, Eaton, Ohio.

Asters in pots, $1.00 per 100. Semple's Victoria and Truffaut's Paeony Perfection, three colors of each variety. J. B. Shurtleff, Jr., Revere, Mass.

First-class aster plants of Semple's Branching and Queen of the Market, separate colors, 50c 100, $4.00 1000. Harry White, R. D. No. 6, Wabash, Ind.

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Geraniums, single and double scarlet; single and double white. All first-class stock in bloom, 4-in. pots, $6.00 per 100; $50.00 per 1000. Coleus, Golden Bedder, Firebrand, $20.00 per 1000. Alternantheras, red and yellow, $15.00 per 1000.
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Strong 3-in. scarlet geraniums (single), and strong 3-in. heliotropes, $4.00 100. Strong 2-in. Mme. Salleroi, and strong 2-in. Stella Gurney and P. Pauline ageratums, $2.00 100. Jacob Tobler, 43d and W. Prospect Pl., Kansas City, Mo.

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ALTERNANTHERA Paronychioides major, Rosea nana, Aurea nana, 2¼-in. pots	3.00
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Coleus, very fine foliage plants; alternantheras, aurea nana and amoena rosea; alyssum "Little Gem," dwarf; petunias, single, nice, strong plants in bloom; lobelias, Emperor William, dwarf, blue; Dracaena indivisa, 6-in. 35c, 5-in. 25c, 4-in. 12½c.

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Alternanthera, red and yellow, 2½-in., 2c.
Mooovines, 5-in., 7c.
Verbenas, fine stock, 2½-in., 2c.
Will exchange for small Boston Ferns, Carnation cuttings, Small Palms, or Asparagus P. N.
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Vincas, large plants, long vines, $10.00; Basket and vase plants, $2.50; Alternantheras, red and yellow, $2.00; yellow coleus and bouvardias, $2.50. Levant Cole, Battle Creek, Mich.

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Rex begonias, Lesoudsii and Clementina, $2.50 per 100. Begonias, Rubra, Thurstoni, Argenteo-Guttata, Alba Perfecta Grandiflora, $2.50 per 100. Other good varieties in assortment, $2.00 per 100. Schmidt & Botley, Springfield, O.

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Begonia Rex, fine assortment, $4.00 100. Begonias, 10 best flowering sorts, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

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Rex Begonias of assorted kinds, named; 2-in., $4.00 per 100.
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Begonia Rex, best varieties, 2½ and 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

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Bouvardias, pink and white, 2-in., $3.00 100. C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

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Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

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Cereus flagelliformis, plants in bloom, $1.50 to $3.00 per doz. Fine plants, 50 for $2.00. Aloe picta, mixed sizes, 50 for $2.00. For cash only. Mrs. M. E. Patterson, Glendale, Cal.

Cacti and Succulents. Specialist, Importer and Exporter. Frantz De Laet, Contich, Belgium.

CALADIUMS.

Caladiums. Strong, 2 to 4 large leaves; 5-in., $15.00 100. Cash. Tony Wean, 60 West Delavan Ave., Buffalo, N. Y.

CANNAS.

Stroog, well-established plants, from 3-in. pots: Alsace, sulphur changing to white; Bronze Seedling, rich bronze foliage, currant-red flowers; Luray, deep rosy pink; Mme. Crozy, standard gilt-edge red; Mlle. Berat, the best pink bedder; Robt. Christy, bright orange-red; Souv. de Antoine Crozy, intense scarlet crimson, rich golden-yellow edge; Souv. de Pres. Carnot, vermillion scarlet with bronze foliage; Souv. de Mme. Leonie Vinot, carmine with yellow edge; Wilhelm Bofinger, rich scarlet.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Cannas—Burbank, Austria, Bronze Beauty (red foliage), and Gigantea (giant variety), strong roots, $1.00 per 100. Chas. Henderson, Austria, Paul Marquant and Alphonse Bouvier, well-established plants in pots, $3.00 per 100. Fairview Floral Co., Beatty, Ohio.

Cannas, Mme. Crozy, Florence Vaughan, Italia, Austria, Chas. Henderson, Beaute Poitevine, Souv. de A. Crozy, Queen Charlotte, strong plants, 4-in. pots, $7.00 per 100. Cash with order. Grovedale Nurseries, A. Mallon, Jr., Mgr., D St., above Wyoming Ave., Phila., Pa.

Strong plants of the following varieties, from flats: Shenandoah, Charles Henderson, Queen Charlotte, Italia, Star, Florence Vaughan, Austria, Peachblow, $3.50 per 100; $30.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Cannas Florence Vaughan, Queen Charlotte, $4.00 100; Chas. Henderson, Bronze Seedling, Austria, Burbank, Sunray, J. Mantell, Eldorado and Italia, $3.00 100. All strong plants from 3-in. pots.
W. A. WETTLIN, Hornellsville, N. Y.

Cannas, well started in 4-in. pots, at $6.00 per 100 of the following varieties: Alphonse Bouvier, J. D. Eisele, Allemania, Chicago, Compte Bouchard and Bassett's Red. H. N. Hoffman, Elmira, N. Y.

Cannas, started; 3-in. pots: Austria, $1.00 100, $6.00 1000; Bouvier, $2.50 100, $20.00 1000; Alsace, $2.00 100, $18.00 1000; Yellow Bird, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

Cannas, Austria, Bouchard, Charlotte, Allemania, L. Vaughan, Crozy, Berat, Bismarck, Fl. Vaughan, Italia and Burbank, out of pots, $5.00 100. Mixed varieties, $4.00 100. Geo. L. Miller, Newark, O.

Cannas in varieties of Egandale, Henderson, Crampbell, Austria and Crozy, nearly all 4-in. stock, at $4.00 100. To close out the lot, price still lower. J. A. Swartley & Sons, Sterling, Ill.

Cannas, Charles Henderson, Austria, Paul Marquant and Florence Vaughan, strong potted plants, $3.00 per 100. Schmidt & Botley, Springfield, O.

Cannas, Crozy, Robt. Christy, Fl. Vaughan, A. Bouvier, Burbank, C. Henderson, fine plants, 2 ft. high $2.50 per 100. S. M. Harbison, Danville, Ky.

Cannas, Souv. de Antoine Crozy, strong started plants, $3.00 100. Alsace, dormant, $1.00 100. Alfred H. Walker, Hollis, L. I., N. Y.

Cannas, fine strong plants in 3 and 3½-in. pots, mixed varieties, $5.00 per 100. T. C. Breece, West Berlin, Ohio.

Cannas, Pierson's Premier, Henderson, Fl. Vaughan, Queen Charlotte, $5.00 100. N. Smith & Son, Adrian, Mich.

Cannas Henderson, Cleveland, Mme. Crozy, etc., 3 and 4-in., $4.00 per 100. James Frost, Greenville, Ohio.

We still have left a few of the best cannas in 3 and 4-in. Geo. A. Kuhl, Pekin, Ill.

Cannas, in variety, 3-in., $5.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

CAREX.

Carex jap. var., 2-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

10,000 carnations from flats, fine stock, Scott, Crocker, pink Bobolink, G. Lord, Mac Richmond, McGowan, etc., $15.00 per 1000; 500 for $7.50. Cash. Benj. Connell, West Grove, Pa.

New carnations. Cressbrook and Fair Maid, from soil, $1.50 per doz., $10.00 per 100, $75.00 per 1000. H. Weber & Sons, Oakland, Md.

Marquis and Mrs. Joost carnations, in field; 2,000 of each; extra fine. Joy & Son Co., Nashville, Tenn.

Send for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

Carnations. Send to us for prices on what you need.
Geo. Hancock & Son, Grand Haven, Mich.

For rooted carnation cuttings write to John Brod, 349 W. North Ave., Chicago.

CASSIAS.

CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

CENTAUREA.

Centaurea gymnocarpa, fine plants, $2.50 and $3.50 100. Greene & Underhill, Watertown, N. Y.

Centaurea candidissima, 2½-in. pots, $2.00 100. Crown Point Floral Co., Crown Point, Ind.

Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

CHRYSANTHEMUMS.

Chrysanthemums. Fine, strong plants from 2½-in. pots. Per 100:

T. Eaton	$4.00	Geo. S. Kalb	$3.00
N. Pockett	8.00	Ivory	3.00
Lady Roberts	8.00	Mrs. J. Jones	3.00
Mrs. E. D. Smith.	6.00	H. A. Parr	3.00
Golden Beauty	8.00	R. Halliday	4.00
Mrs. Chamberlain.	8.00	Bonnaffon	3.00
Bergmann	3.00	Philadelphia	5.00
Willow Brook	3.00	Pennsylvania	5.00
Merry Monarch	3.00	Modesto	3.00
Polly Rose	3.00	Nagoya	3.00
M. de Montmort.	3.00	Xeno	3.00
Glory of Pacific	3.00	Childs	4.00
Lady Harriett	6.00	Intensity	4.00
Maud Dean	4.00		

H. WEBER & SONS, Oakland, Md.

Chrysanthemums.—W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Parks, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Burrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.

Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
R. F. Tesson, West Forest Park, St. Louis, Mo.

Chrysanthemums, the largest and finest stock in the country.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00
YELLOW.		
October Sunshine	2.00	2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whilldin	1.30	2.00
PINK.		
Montmort	1.30	2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—Immense stock of COL. APPLETON rooted cuttings, $15.00 per 1000; 2½-in. pots, $20.00 per 1000. BONNAFFON rooted cuttings, $10.00 per 1000; 2½-in. pots, $18.00 per 1000. Fine stuff.

No order filled for less than $2.00, or less than 10 of a variety.

POEHLMANN BROS. CO., Morton Grove, Ill.

Timothy Eaton, Chadwick,
W. Bonnaffon, Fl. Hayes,
Parks, Pitcher,
Hobson, Col. Appleton.
Rooted cuttings, $2.00 100; 2½-in. pots, $4.00 100.

N. Pockett, Wanamaker,
H. J. Payne, Bonnaffon,
Jerome Jones, Perrin,
Maud Dean, Lincoln,
Pink Ivory, White Ivory
Shrimpton, Newitt,
McArthur, Rieman,
Harriott,
Rooted cuttings, $1.50 100; 2½-in. pots, $3.00 100.

R. H. Pierson, Robinson,
Glory of Pacific. Polly Rose.
Rooted cuttings, $1.00 100; 2½-in. pots, $2.50 100.

Cash with order.
H. C. STEINHOFF, West Hoboken, N. J.

Chrysanthemums.	Standard varieties.
Bonnaffon.	Minerva.
Cullingfordii.	Mrs. Jerome Jones.
Eureka.	Mrs. J. D. Whilldin.
Modesto.	Murdock.
Mrs. J. J. Glessner.	Mrs. R. McArthur.
Mrs. H. Weeks.	Mrs. O. P. Bassett.
Nivens.	Rose Owen.
V. H. Hallock.	Prince of Wales, large-flowering, hardy white.
J. H. Woodford.	

2½-in. pots, 30c per doz., $2.00 per 100, 1000, our selection, of from 15 to 20 kinds, for $15.00

Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.
R. VINCENT, JR. & SON, White Marsh, Md.

Chrysanthemums, fine clean stock for immediate planting.

COL. APPLETON, 2½-in., $3.50 100; rooted cuttings, $2.50 100.

Henderson, Pres. Smith,
Glory of Pacific, Lincoln,
Mrs. Weeks, Mrs. A. Hardy,
Bonnaffon, White Jerome Jones,
Merry Christmas, Yellow Jerome Jones,
Yellow Queen, Mrs. Murdock,
Golden Wedding, Maud Dean,
Autumn Glory, M s. Bassett,
Yellow Mayflower, White Ivory,
Mrs. Perrin, Pink Ivory.
Robinson,

Prices: 2½-in., $2.50 100, $20.00 1000; rooted cuttings, $2.00 100, $15.00 1000. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

1000 chrysanthemums, 2-in. pots, mixed var. of the following: Merry Monarch, Yaqooma, Silver Wedding, Golden Wedding, Bonnaffon, Maud Dean, Quito, Robinson, V.-Morel, Dawn, and other good sorts. The 1000 for $12.00. Cash. C. G. Nanz, Owensboro, Ky.

CHRYSANTHEMUMS – Continued.

Rooted cuttings, of the following varieties, at $1.00 per 100; Omega, Yanariva, Glory of Pacific, Eugene Dailledouze, Yanoma, Helen Bloodgood, Montmort, Lincoln, Mrs. Jerome Jones, Ivory, Pink Ivory, Yellow Fellow, Queen, Niveus, Golden Hair, Goldmine, Golden Wedding, Autumn Glory, Alice Byron, Wanamaker, Harry Hurrell, Domination. Cash with order. J. J. Arnold, Homer, N. Y.

50,000 chrysanthemums, 2¼-in. pots.

	Per 100	Per 1000
Timothy Eaton	$3.50	$30.00
Col. D. Appleton	3.00	25.00
Ivory, Maud Dean, Bonnaffon, Willow Brook	2.50	20.00
White Bonnaffon	4.00	

J. D. BRENNEMAN, P. O. Box 24, Harrisburg, Pa.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.

MRS. J. W. CROUCH, Chattanooga, Tenn.

Lady Harriet, 2½-in., $3.00 per 100; Bonnaffon, 2½-in., $2.00 per 100; Col. D. Appleton, R. C., $1.00 per 100; Timothy Eaton, R. C., $1.00 per 100; B. Halliday, R. C., $1.00 per 100; Mrs. T. Carrington, R. C., $1.50 per 100; Bentley, 2¼-in., 25c each. G. A. Lotze, Jr., Glen Burnie, A. A. Co., Md.

Rooted chrysanthemum cuttings from young plants—the kind that will grow; Timothy Eaton, $2.00 per 100; Col. Appleton, $1.75 per 100, and we prepay charges if you send the cash. A postal brings back your money if you are not satisfied.

WM. GEENEN, Kimberly, Wis.

2½-inch pots, Timothy Eaton, Col. D. Appleton, $4.00 per 100. The following at $2.50 per 100: 1000 Robinson, 1000 Maud Dean, 600 Bonnaffon, 500 Jones, 200 Chadwick, 200 Pennsylvania, 300 white Ivory, 300 pink Ivory. Edw. J. Taylor, Southport, Conn.

Chrysanthemum rooted cuttings. Marion Henderson, Maude Dean, Mrs. Weeks, Pres. Smith, Willow Brook, Ivory, G. Kalb, Glory Pacific, $1.00 per 100. Out of 2¼ and 2½-in. pots, $2.00 per 100. Cash with order. Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Chrysanthemums. E. G. Hill, Maud Dean, M. Wanamaker, M. Henderson, Maud Adams, Yanoma, Robinson, Superba, Helen Bloodgood, out of 2½-in., $2.00 100. Will exchange for fancy ferns or begonias. A. D. Montgomery, Hazelton, Pa.

Chrysanthemums Timothy Eaton, Col. Appleton, Mrs. Weeks, Chadwick, Kalb and 40 other varieties, 3-in., $3.00 to $5.00 100. Same, 2½-in., $2.50 to $4.00. R. C.'s, $1.00 to $3.00 100. Extra fine stock. Geo. M. Brinkerhoff, Springfield, Ill.

Chrysanthemums, fine, strong plants from 2½-in. pots ready for planting. Pink and white Ivory, Weeks' Lager, Bergmann, Maud Dean, Glory of Pacific, Bonnaffon, and Polly Rose, $2.50 per 100, $20.00 per 1,000.

Chas. W. Thompson, Bayonne, N. J.

Rooted cuttings of Bonnaffon, Ivory, Lager, Henderson, White and Yellow Monarch and Glory of Pacific, at $1.00 per 100. Cash with order. H. Stahlhut, New Lots Road and Shepherd Ave., Brooklyn, N. Y.

5,000 chrysanthemums, stocky 2-in., of the following varieties at 2c: Golden Wedding, Chadwick, Robinson, Yanoma, Silver Wedding, Lady Fitzwigram, Appleton, Eaton, 3c. Joy & Son Co., Nashville, Tenn.

Ready now, from 2¼-inch pots, $2.00 per 100. Cash with order. White Bonnaffon, Jones, white, Robinson, Ivory, Major Bonnaffon, Jones, yellow, Childs, Rieman, Perrin and others. Paul Fischer, Wood Ridge, N. J.

Chrysanthemum rooted cuttings. Pacific, Jones, White and Yellow Monarch, Simpson, Montmort, Castlewood, Leach and Dean, $1.00 100, $9.00 1000. Cash with order, please. Emil Leuly, West Hoboken, N. J.

Chrysanthemums, Timothy Eaton, Maud Dean, $2.50 per 100. Weeks, Bassett, Minerva, McArthur, Woodford, $1.50 per 100. Vinca var., 3-in., $2.50 per 100. Llewellyn, Olean, N. Y.

Chrysanthemums. Timothy Eaton, from sand, $2.50 100; 2¼-in. pots, $3.75 100; Col. D. Appleton, 2¼-in. pots, $3.00 100. G. Hanson, 1021 So. Cameron St., Harrisburg, Pa.

Chrysanthemums, 2½-in. pots, per 100: Bonnaffon, T. L. Park and Maud Dean, $2.00; Appleton, $2.50; Timothy Eaton, $3.00. Coolidge Bros., South Sudbury, Mass.

Bonnaffon, White Ivory, White and Yellow Monarch, Pacific, Bergmann, 2-in. fine stock, $1.75 per 100. Cash with order. Albion Place Nurseries, Paterson, N. J.

Col. Appleton chrysanthemum plants from 2½-in. pots, $2.50 per 100. H. W. Field, Northampton, Mass.

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Chrysanthemums. A few choice 2-in. plants of Major Bonnaffon, Glory of Pacific and other leading varieties, $2.50 per 100.

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Chrysanthemums. All good commercial varieties. R. C., $1.00 per 100; 2½-in., $2.50 per 100. Send for list. Krueger Bros., Toledo, O.

Col. Appleton chrysanthemums—800 3½-in., $4.00 100; 700 2½-in., $2.00 100. Cash. C. L. Howe, Dover, N. H.

Chrysanthemum rooted cuttings of mixed varieties, $1.00 per 100. E. Daske, E. Broadway, E. Toledo, Ohio.

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Dusty Miller, Cineraria maritima, 1½-in., $2.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

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Large-flowered clematis, 2 year, dormant or from 5-in. pots, 18c; fine 1 year, 9c. C. paniculata, 2 year, dormant, 6c; from 5-in., 10c; extra from 6-in., 18c.

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Cobaea scandens, 3-in., 18 inches high, $4.00 100. Crown Point Floral Co., Crown Point, Ind.

Cobaea scandens, 3-in., 50c doz., $4.00 100. C. Eisele, 11th and Jefferson Sts., Phila., Pa.

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Glory of Autumn, Golden Bedder, Crimson Verschaffeltii, Queen Victoria, from 2¼-in. pots, strong and clean, $2.25 per 100; $20.00 per 1000. Rooted cuttings, $7.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Coleus. 300 Verschaffeltii, 2½-in., good, stocky, $2.50 100; the 300 for $7.00. 400 rooted cuttings of same, 50c 100. Mixed varieties, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

10,000 coleus, 2½-in. pots. Golden Bedder, Park Beauty, Nellie Grant, Butterfly and 10 other sorts, $2.00 100, $15.00 1000; 500 at 1000 rate. Cash. Critchell's, Cincinnati, O.

Pink and yellow Verschaffeltii and Her Majesty, fine plants, $3.00 100. Ass't colors, our selection, $2.50 100. Greene & Underhill, Watertown, N. Y.

Coleus, G. Bedder, Verschaffeltii and 3 bright var., 2½-in., strong plants, $2.00 100. Cash with order. C. G. Papsch, Moorestown, N. J.

500 coleus, 3 very best varieties, 2½-in., extra fine plants, $2.00 100 to close out. Geo. M. Brinkerhoff, Springfield, Ill.

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Coleus, 20 standard varieties, 2-in., $2.00 per 100. Cash.

R. Vincent, Jr. & Son, White Marsh, Md.

Grand selection of coleus, 2¼-in. pots. Rooted cuttings. Cheap. J. T. Cherry, White Hall, Ill.

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Write for low prices on nice 2½-in. coleus and geraniums. Roney Bros., West Grove, Pa.

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W. J. & M. S. Vesey, Fort Wayne, Ind.

Coleus, 2½ and 2¼-in. pots, $3.00 per 100. Cash. Geo. E. Buxton, Nashua, N. H.

Golden Bedder, $2.50 per 100. Schmidt & Botley, Springfield, O.

5000 2-in. coleus. Geo. A. Kuhl, Pekin, Ill.

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Croton aurea maculata, best bedder, $2.00 100, $15.00 1000. Good & Reese Co., Springfield, O.

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Cupheas, 3 sorts, $1.00 100, $8.00 1000.

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Cycas revoluta, in assorted sizes from 3 to 12 lbs., 10c per lb. Special prices on large quantities. J. M. Thorburn & Co., 36 Cortlandt St., New York.

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Cyclamen Giganteum. Extra strong July seedlings in separate colors.

	Per 100.
2½ inch pots	$ 4.00
3 inch pots	8.00
4 inch pots	12.00

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Cyclamen, 2½-in., stocky plants, $3.00 100. Converse Greenhouses, Webster, Mass.

DAHLIAS.

50,000 dahlias, strong plants from 2¼-inch pots. 30 best sorts for cut flowers in best assortment; all labeled, true to name, $4.00 per 100. A. B. Davis & Son, Purcellville, Va.

Dahlias, fine plants, $6.00 and $10.00 100. Greene & Underhill, Watertown, N. Y.

Dahlias, mixed, $3.00 100.

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Burbank's Shasta daisy. Plants, 25c each, $2.50 doz., $15.00 100, $100.00 1,000; 25 at 100 rate, 500 at 1,000 rate. California Carnation Co., Loomis, Cal.

Daisies. Marguerite, Mme. Gailbert, best white, $1.50 100, $10.00 1000.

Good & Reese Co., Springfield, O.

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Dracaena indivisa, 2 to 3 plants to pot, 2 ft. high, $4.00 doz. J. Wm. Colflesh, 53rd and Woodland, Philadelphia, Pa.

Dracaena indivisa, 6-in. pots; fine strong plants, $5.00 doz. Crown Point Floral Co., Crown Point, Ind.

Dracaena indivisa, good stock, 2¼-in., $2.25 per 100. Hull Floral Co., Morris, Ill.

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Eulalia japonica, nice clumps, $4.00 per 100. For cash only. Mrs. M. E. Patterson, Glendale, Cal.

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Euonymus, silver leaved, 2½ and 3-in., $4.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

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FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months. ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.

ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, N. J.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.

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Adiantum cuneatum, 2½-inch pots, $2.75 per 100; $22.50 per 1000. Cash with order. Send for sample. The F. R. Williams Co., Cleveland, O.

Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000, Beard Bros., West Fort St., Detroit, Mich.

FERNS IN FLATS. Buy from the grower and save jobber's commission, $1.50 per flat of 110 clumps. Sunnyside Fernerles, Secaucus, N. J.

Ferns for fern dishes, 2-in. pots, $3.00 100, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Boston ferns in all sizes, from 4 to 10-in. pots. Let us hear from you. Geo. A. Kuhl, Pekin, Ill.

Boston ferns, bushy plants, 6-in., 50c each, $6.00 doz. John Welsh Young, Germantown, Pa.

Fern Balls, good size, $25.00; extra, $30.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

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Fuchsia, double white, Mrs. E. G. Hill, Rosanis Patri Glorie des Marches, $2.50 per 100. Fuchsias in good assortment, $2 per 100. Schmidt & Botley, Springfield, O.

Fuchsias, in variety; 2 and 2½-in., $2.50 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

Fuchsias, best sorts, fine plants, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

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Gardenia florida flo. pl., first-class outdoor-grown plants several times transplanted, well-rooted and branched, free from scale. First size, 24 to 36 inches, splendidly branched, in bud, $20.00 per 100; 2nd size, 18 to 24 inches, branched and budded, $15.00 per 100; 3rd size, 12 to 18 inches, branched, $8.00 per 100. Rooted cuttings from 2½-in pots, $2.00 per 100. B. H. RITTER, Port Royal, S. C.

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Gazania splendena, 3-in., bud and flower, $5.00 per 100. E. & C. Woodman, Danvers, Mass.

GERANIUMS.

Here is what you want and we want room. GERANIUMS composed of S. A. Nutt, Richard Brett, La Pilot, Frances Perkins, Beaute Poitevine, Double Gen. Grant, Bruantl, Ruy Blas, Gloire de France, Centaurean, Alphonse Ricard, Margaret de Leyas, Jas. Gaar, Wunder, Granville, La Favorite, Mme. Bruant and several other varieties in 2¼-in. pots. We also have Rose Geraniums. We don't say that we have a hundred thousand, but we will be pleased to receive orders for a hundred, thousand or a hundred thousand at the following prices: $2.50 per 100, $25.00 per 1000, or $100.00 for 5000. Cash with order.
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Best recent introductions: Mme. Charotte, Jean Viaud, Mme. Landry, Charron, 2-in., $3.00 100. Standard varieties: Nutt, Mars, Marvel, Mme. Buchner, La Favorite, Duc de Montmort, Theo. Theulier, Castiers, Bruant, Pierre Le Brun, 2-in., $2.50 100. Strong frame-grown: Duc de Montmort, Jaulin, Marvel, Nutt, 4-in., $7.00 100. Mars and America, 3½-in., $5.00 100.
N. SMITH & SON, Adrian, Mich.

Single and double geraniums in bud and bloom; good short stuff, including La Favorite, Bruant, Commodore Nutt, Sheridan, King of Scarlets, Naomi and Beaute Poitevine, 2½-in., $2.50 100, $20.00 1,000; 500 at 1,000 rate. Cash. Critchell's, Cincinnati, O.

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Geraniums. Elegant, stocky plants in bud and bloom of Double Gen. Grant and Poitevine, strong, 3½ and 4-in., $4.00 per 100; extra strong 3-in., $3.00 per 100. Cash. Wm. S. Herzog, Morris Plains, N. J.

Geraniums, 3½ to 4-inch; 20 leading varieties in single and double; every one in bud and bloom, $6.00 per 100. No better at any price. J. G. Reynolds & Son, 261 West Pulteney St., Corning, N. Y.

Geraniums. 1,000 Beaute Poitevine, strong plants in bloom, from 4-in., 7.00 per 100. Also a fine lot of rose-scented geraniums in 4-in., $6.00 per 100. A. H. Fewkes, Newton Highlands, Mass.

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Silver geraniums, in variety, 2½ and 3-in., $3.00 100. Scented geraniums—Rose, Nutmeg, Lemon, Balm, Mrs. Taylor, $3.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

Geraniums from 4-inch pots, strong plants in bloom, S. A. Nutt, Queen of the West and standard varieties of cannas at 7.00 per 100. Mrs. Geo. Waldbauer, Saginaw, W. S., Mich.

Geraniums, fine plants, good varieties, $3.50 100. Rooted cuttings of all the standards and of many of the new ones. Send for list. Greene & Underhill, Watertown, N. Y.

Our geraniums that have been bedded in on the shelf are equal to 4 or 5-in. pot plants and we sell 'em at $3.75 100. We pack light. E. I. Rawlings, Quakertown, Pa.

Geraniums from 4-in. pots, mixed; good kinds such as A. Ricard, Poitevine and D. C. Bruant, $5.00 100. J. J. Vondersaar, 1537 Madison Ave., Indianapolis, Ind.

Geraniums. Apple Scented, $2.50 100; Scented, Oak-leaved, Shruhland, Balm, Lemon, Broad and Cut-leaf Rose, $2.00 per 100. Good & Reese Co., Springfield, O.

2000 geraniums for sale cheap; variety S. A. Nutt. Also a lot of coleus and bedding stock. R. Jamison, Thorp's Lane & Wister St., Germantown, Phila., Pa.

Several thousand S. A. Nutt geraniums, in bud and bloom, from 4-inch pots, $6.00 per 100. Cash or satisfactory reference. J. J. Arnold, Homer, N. Y.

Geraniums, mixed—pink, white and scarlet, and pansies; free bloomers and good beddera. Write for prices on 1000 lots.
J. Dunn, Orra Mills, N. Y.

10,000 Nutt geraniums, in bud and bloom, 3½-in., $6.00 100, 1,000 Mme. Sallerol, 3½-in., $4.00 100. Cash. C. L. Howe, Dover, N. H.

Geraniums, good varieties, 4 and 4½-in. pots, nice plants in bloom, $7.00 100; 3-in., $4.00 100. Crown Point Floral Co., Crown Point, Ind.

Geranium Frances Perkins, best pink, in bloom, 3-in., $4.00 100; 2½-in., $2.00 100. Coolidge Bros., South Sudbury, Mass.

Geraniums, mixed, to close out at $2.00 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Rose Geraniums, out of 2¼-inch pots, $2.50 per 100. A. L. Miller, Jamaica Ave., opposite Schenck Ave., Brookiyn, N. Y.

Geraniums in bloom. Fine, stocky 4-in., $6.00 and $8.00 100; 3-in., $5.00. Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

Geraniums, Gen. Grant, in bud and bloom, ready to plant out; 2½-in., $3.00 100. C. A. Schaefer, York, Pa.

Geraniums, 20 leading sorts, 2¼-in., $2.00 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

GLADIOLI.

SPECIAL OFFER. Choice bulbs. 4,000 white and light colors, $1.25 100, $10.00 1,000; 3,000 pink, several shades, $1.00 100, $8.75 1,000; 1,000 scarlet and crimson, 75c 100, $6.50 1,000; 3,000 choice mixed, all colors, 75c 100, $6.00 1,000. Subject to being unsold on receipt of order.
H. F. MICHELL, 1018 Market St., Philadelphia, Pa.

Gladiola, mixed colors, No. 1 size, 1¼ to 1¾ inches, $6.00 per 1,000; No. 2 size, ⅜ to 1¼ inches, $4.50 per 1,000. N. Y. Market Gardeners' Ass'n, 39 Cortlandt St., New York.

HARDY PLANTS.

Hardy Myrtle, field-grown clumps, $6.00 per 100. Coreopsis Lanceolata, field grown clumps, $6.00 per 100. Catchfly, field grown clumps, $6.00 per 100. Rudbeckia Golden Glow, out of 4-inch pots, $6.00 per 100. A. L. Miller, Jamaica Ave., opposite Schenck Ave., Brooklyn, N. Y.

Box, evergreen; fine for borders, $2.50 100, $20.00 1000. Rudbeckia Golden Glow, $2.00 100.
Good & Reese Co., Springfield, O.

ALL HOLLAND NURSERY STOCK.
ENDTZ, VAN NES & CO.,
ROSKOOP. Catalogue free. HOLLAND.

HELIANTHUS.

Helianthus rigidus, 2-in., 250 at $2.50 100.
N. Smith & Son, Adrian, Mich.

HELIOTROPE.

Heliotropes, in variety, 2½ and 3-in., $3.00 100. Cash. R. S. Brown & Son, Kansas City, Mo.

Heliotrope, 3-in., $4.00 per 100. Critchell's, Cincinnati, Ohio.

Heliotropes, 6 best sorts, $1.00 100, $6.00 1000.
Good & Reese Co., Springfield, O.

HIBISCUS.

Hibiscus in variety, 2 and 2½-in., $2.50; 4-in., $5.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

HYDRANGEAS.

Hydrangeas hortensis and Otaksa, 6 and 7-in. pots, good plants, $6.00 and $9.00 doz.; in bud and bloom. Crown Point Floral Co., Crown Point, Ind.

200 2½-in. hydrangeas, pink and white, $3.00 per 100. The 200 for $5.00. Cash. C. G. Nanz, Owensboro, Ky.

Hydrangea pan, grand., nicely rooted layers, 2c. W. H. Salter, Rochester, N. Y.

ICE PLANTS.

Ice plants, from 2¼ and 2½-in. pots, $3.00 per 100. Cash. W. S. Nichol, Barrington Centre, R. I.

IMPATIENS.

Impatiens Sultani, always in bloom, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

IVY.

2000 English Ivy. Runners, 4 to 6 feet long, two plants to pot, out of 4-in. pots, $10.00 per 100. Strong rooted plants, from soil, $10.00 per 1000. John Albrecht, Pencoyd (near Philadelphia), Pa.

Ivy plants, 2½-in. pots, three feet long and over, 4 cents; under 3 feet, 3½ cents. Ed. Herrmann, North and Milton Avenues, Baltimore, Md.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

JASMINES.

Jasmine Grand Duke, large, strong, 2½-in. pots, $2.50 per 100. C. M. Niuffer, Springfield, Ohio.

LANTANAS.

Lantanas, in variety, $2.00 100, $15.00 1000. Weeping, $1.50 100, $10.00 1000.
Good & Reese Co., Springfield, O.

Lantanas, bud and bloom, 2½-in., $2.50 100.
E. G. Runyar, Independence, Mo.

Lantanas, strong, 2½-in. pots, $1.50 per 100.
C. M. Niuffer, Springfield, Ohio.

LEMONS.

Lemon ponderosa, 2½-in., $2.50 100, $22.50 1000; 4-in., $5.00 100, $40.00 1000; 8-in., 3-ft. high, $25.00 100. Good & Reese Co., Springfield, O.

LILY OF THE VALLEY.

Finest Lily of the Valley pips from cold storage, $13.00 per 1000. H. N. Bruns, 1409-1411 West Madison St., Chicago.

LINUM.

Linum trigynum, $1.50 100, $10.00 1000.
Good & Reese Co., Springfield, O.

LOBELIAS.

Lobelia speciosa, 2½-in. pots, $3.00 100. Crown Point Floral Co., Crown Point, Ind.

MAHERNIA.

Mahernia, Honey Bells, $1.50 100.
Good & Reese Co., Springfield, O.

MATRICARIA.

Matricaria, 2-in., $2.00 100.
N. Smith & Son, Adrian, Mich.

MOONFLOWERS.

Moonflowers, 3-in. pots, early-blooming sorts; well-staked, strong plants; vines 2 to 3 ft. long. $5.00 100. Cash. Critchell's, Cincinnati, O.

Moonvines, white, 2-in., $2.50 100. Good stock. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

Moonvine, 4-in., $6.00 per 100. James Frost, Greenville, Ohio.

Moonvines, blue and white, $2.50 100.
Good & Reese Co., Springfield, O.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

MYRTLE.

1,800 extra heavy myrtle plants from 2½-in. pots, $3.00 100, $25.00 1000; rooted cuttings from flats, $1.50 100. Chas. Schwelgert, Niles Center, Ill.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.
Hall's Nurseries, Cherry Valley, Ill.

PAEONIES—September shipments.
J. F. Rosenfield, West Point, Neb.

PALMS ETC.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.

Wanted—500 small asparagus plumosus nanus in exchange for above.
W. J. HESSER, PLATTSMOUTH, NEB.

200 good strong Kentia Belmoreana plants, 3-in. pots, $25.00 the 200. Crown Point Floral Co., Crown Point, Ind.

PALMS, ETC.—Continued.

LATANIAS.

Plants to pot.	Leaves.	Per Plant.
2 to 4	18 to 22	$4.00
2 to 4	15 to 18	3.50
2 to 3	12 to 15	3.00
1 to 3	8 to 10	2.75
1	7 to 8	2.50

From 6-in. pots, 1 plant to pot, 16 to 18 inches high, 50c each.

Pandanus Utilis, 5-in. pots, $5.00 per doz.

J. Wm. Coldesh, 53rd and Woodland Ave., Philadelphia, Pa.

PALMS. Fine young stock from 2½-in., all the leading sorts, $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Pandanus Veitchii, nice for vases, 6-in., $1.00 each. Also larger sizes.
John Welsh Young, Germantown, Pa.

Kentia Belmoreana, 2¼-in., $40.00 per 1000. Sunnyside Ferneries, Secaucus, N. J.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Gold medal pansy, Mme. Perret, finest for cut flowers; won gold medal at Pan-American Exposition; the seed was supplied by me; same quality furnished; trade pkt. 50c, oz. $5.00. Giant Trimardeau, mixed, oz. $2.00. Other varieties at market prices.
BEAULIEU, Woodhaven, N. Y.

Panalea, Dreer's best strain; commenced blooming; $1.00 100, $8.00 1,000. Crown Point Floral Co., Crown Point, Ind.

Fine pansy plants, bud and bloom, $1.00 per 100. E. G. Bunyar, Independence, Mo.

Pansies, mixed, 2-in., $1.00 per 100. A. B. Campbell, Cochranville, Pa.

PENNISETUM.

Pennisetum longistylum, 2½ and 3-in., $3.00 100. N. Smith & Son, Adrian, Mich.

PEPPERS.

Oriental Peppers, fine 2-in. stock, 6 best varieties, $2.00 per 100. J. F. Kidwell & Bro., 3806 Wentworth Ave., Chicago.

PETUNIAS.

Double fringed petunias, 10 varieties, strong 2½-in., in bloom and bud, $1.25 100, $10.00 1000; 500 at 1000 rate. Cash. Buckley Plant Co., Springfield, Ill.

Petunias. Dreer's and Henderson's best double fringed; 2½ and 3-in., $2.00. Very cheap to close out. Geo. M. Brinkerhoff, Springfield, Ill.

Petuniaa, double and single, fringed, 2½-in., $2.00 per 100. Casb.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias, in bloom, $2.50 and $3.00 100. Greene & Underhill, Watertown, N. Y.

PHRYNIUM.

Phryninm variegatum, $2.00 100.
Good & Reese Co., Springfield, O.

PILEA.

Pilea or Artillery Plant, 50c per 100. Critchell's, Cincinnati, Ohio.

PLUMBAGO.

Plumbagos, white, $2.00 100.
Good & Reese Co., Springfield, O.

PRIMULAS.

Primula obconica, $2.00 100, $15.00 1000.
Good & Reese Co., Springfield, O.

ROSES.

CLEARING SALE OF ROSE PLANTS.

	1,000.
7,000 Maids, 3-in pots	$30.00
4,000 Maids, 2 in. pots	20.00
3,500 Maids, 4-in pots	40.00
2,000 Golden Gates, 4-in. pots	40.00
1,000 Golden Gates, 3-in. pots	30.00
1,000 Golden Gates, 2-in. pots	20.00
1,500 Meteors, 4-in. pots	40.00

250 at 1,000 rate.

This stock is as good as can be grown and guaranteed to be so.

BASSETT & WASHBURN, 76 Wabash Ave., Chicago.

I offer the following clean and healthy surplus stock:

Mme. Cusin ..... 2½-in. pots
Sunrise ..... 2½-in. "
Liberty ..... 2½-in. "
Mme. Watteville ..... 3-in. "
Mme. Caroline Testout ..... 3-in. "

and after July 1st, a limited number of grafted two and three-year-old LIBERTIES, lifted from bench. Prices on application.
E. G. Asmus, West Hoboken, N.J.

2 cents. ROSES. 2 cents.

To close out for cash. Strong plants from 2½-inch pots, in the following varieties:

Archduke Charles,	Media,
Agrippina,	Marie Van Houtte,
Bride,	Mme. Margottin,
Bridesmaid,	Malmaison,
Bon Silene,	Marechal Niel,
C. Soupert,	Maid of Honor,
Catherine Mermet,	Mme. Abel Chatenay,
Climbing Wootton,	Mrs. Robert Garrett,
Climbing Meteor,	Mme. Cecile Berthod,
Dr. Grill,	Papa Gontier,
Devoniensis,	Pink Soupert,
Duchess de Brabant,	President Carnot,
Folkestone,	Princess Venosa,
F. Kruger,	Queen's Scarlet,
Golden Gate,	Reine Marie Henriette,
Geo. Bancroft,	Snowdake,
Kaiserin,	Souvenir de Wootton,
La Princess Vera,	Striped La France,
Mme. Lambard,	Sylph.
Mme. Camille,	Solfaterre,
Marie Guillot,	The Queen,
Mme. Jos. Schwartz,	Tri. de pernet Pere,
Maman Cochet,	Victor Hugo,
Mrs. Degraw,	White La France.
Meteor.	

Price, $2.00 per 100. Not less than five of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.
R. H. Murphey & Son, Urbana, O.

Roses for winter flowering. Fine, healthy stock from select cuttings.

Perle,	Bride,
Wootton,	Bon Selene,
Safrano,	Papa Gontier,
Maid,	Mme. Hoste,
Golden Gate,	Kaiserin,
Meteor,	

3-in., $7.00, 4-in. $10.00 per 100.
American Beauty, Sunrise, Liberty, 3-in., $9.00, 4-in., $12.00 per 100.
GRAFTED ROSES. Kaiserin and Golden Gate, 3½-in., $15.00 per 100.
J. L. DILLON, Bloomsburg, Pa.

ROSE PLANTS from 2½ and 3-inch pots.

	100	1000
American Beauties, 2½-in	$6.00	$50.00
American Beauties, 3-in	8.00	75.00
Meteors, 2½-in	2.50	20.00
Meteors, 3-in	4.00	35.00
Perles, 2½-in	3.00	25.00
Brides, 2½-in	3.00	25.00
Bridesmaids, 2½-in	3.00	25.00
Golden Gates, 2½-in	3.00	25.00

GEO. REINBERG, 51 Wabash Ave., Chicago.

ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	Per 1000	3-in. Per 1000
Maids	$3.00	$25.00	$40.00
Brides	3.00	25.00	40.00
Meteors	3.00	25.00	40.00

Golden Gates, 2½-in., $3.00 per 100, $25.00 per 1000; 3-in., $4.50 per 100, $40.00 per 1000.
POEHLMANN BROS. CO., Morton Grove, Ill.

Rose plants, well-established: Bridesmaid, Bride, Perle, Golden Gate and Meteor, 2½-in., $3.00 100, $25.00 1000; Liberty, 2½-in., $12.00 100, $100.00 1000; American Beauty, 2½-in., $6.00 100, $50.00 1000; 3-in., $8.00 100, $75.00 1000.
P. REINBERG, 51 Wabash Ave., Chicago.

Young rose stock. Cuttings from grafted plants. 3-inch Maids, Brides and Meteors, $5.00 per 100, $45.00 per 1000. 3½-inch Maids, Brides and Meteors, $6.00 per 100, $55.00 per 1000. Cash with order. Send for sample.
The F. R. Williams Co., Cleveland, Ohio.

Roses. No. 1 stock.	Each.
500 Brides, 4-in. pots	6c
500 Maids, 4-in. pots	6c
300 Brides, 3-in. pots	4c
500 Maids, 3-in. pots	4c

JOY & SON CO., Nashville, Tenn.

	Per 100.	Per 100
4000 perles, 3-in. pots	$4.00	$35.00
1500 La France	4.00	35.00
5000 Kaiserin	4.00	35.00

J. D. Brenneman, Box 24, Harrisburg, Pa.

SUNRISE has always taken a premium wherever shown; will be planted more generally than last season; 2¼-in. pots, $10.00 per 100; 3-in., $15.00 per 100.
Myers & Samtman, Chestnut Hill, Phila., Pa.

Roses, 3-in. stock: Golden Gate, $5.00; Perles, $6.00; Beauties, $10.00; Meteor, $5.00. Excellent stock. Some choice 2¼x3-in. Maids, Brides and Golden Gates, $25.00 1000; $3.00 100. W. H. Gullett & Sons, Lincoln, Ill.

AMERICAN BEAUTIES. Finest 3-in. pot plants, ready to plant, $7.00 per 100. La France and Kaiserin Augusta Victoria, extra strong, 3-in., $4.00 per 100. None finer grown.
HONAKER, The Florist, Lexington, Ky.

Roses from 2½-in. pots. PERLES, $3.50 100, $30.00 1,000; MAIDS, BRIDES and GOLDEN GATES, $3.00 100, $25.00 1,000. W. B. Sands, Lake Roland, Baltimore, Md.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

Kaiserin roses, strong plants from 2½-in. pots, $3.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

AMERICAN BEAUTIES, 2¼-in., $60.00 per 1000; 3-in., $10.00 per 100; 4-in., $15.00 per 100. Ready for immediate shipment.
Myers & Samtman, Chestnut Hill, Phila., Pa.

Am. Beauties, 3-in., best ..... $6.00 per 100
Am. Beauties, 3-in., 2nds ..... 5.00 per 100
Cash with order.
CHAPIN BROS., Lincoln, Neb.

We have 3000 fine METEOR rose plants in 3½-in. pots to spare at $60.00 per 1000; $7.00 per 100. Cash with order, please.
Benjamin Dorrance, Dorranceton, Pa.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

C. Soupert, Jacqueminot, des Blanches, La France, Malmaison, etc. Fine, clean plants from 5-in. pots, 9c.
W. H. Salter, Rochester, N. Y.

Brides, Bridesmaids, Meteors and Golden Gates, 2½ and 3-in., $3.50 100. 4-in. Kaiserins, $10.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

ROSE PLANTS, 2½-inch:
Meteors, $2.50 per 100, $20.00 per 1000.
Maids, $3.00 per 100, $25.00 per 1000.
J. A. BUDLONG, 37 Randolph St., Chicago.

Maids and Brides, 2½-in., well-grown, $2.50 100, $22.50 1000; 3-in., extra fine, $4.00 100, $32.50 1000. Cash. C. Rayner, Anchorage, Ky.

Roses, Brides and Maids, 2¼-in., $2.50 100, $20.00 1000. Joseph Bradbury, South Orange, N. J.

Tenn. Belle, strong fine plants, 2½-in., $1.00 100. Maids, $2.50. Pink Rambler $2.00.
C. M. Niuffer, Springfield, Ohio.

2000 Fine Bridesmaids Roses, 3½ and 4-in. pots, $4.00 per 100. Cash with order.
J. HORAN & SON, Bridgeport, Conn.

LIBERTY ROSES, 1500 in 2 by 2½-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

RUBBERS.

Top cuttings of Rubbers, 5 to 8 leaves, well-rooted, out of 3-in. pots, $15.00 per 100.
A. C. OELSCHIG, Savannah, Ga.

SAGE.

Sage, Bonfire, Splendens and Silver Spot, 3-in., $2.00 100. C. G. Papsch, Moorestown, N. J.

SALVIA.

Salvia, in bloom, 2½ and 3-in. $4.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

SEEDS.

Unrivaled strains from English specialists. Cineraria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Calceolaria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Primula (Chinese primrose), English Prize, fringed, mixed, 100 s., 25c; 500 s., $1.00; 1,000 s., $1.50. Primula Forbesii (Baby Primrose), rosy lilac, 100 s., 25c.; 500 s., $1.00. Primula obconica grand., 100 s., 20c; 1,000 s., $1.50. Pansy, J. & S. Kingly collection, the finest strain of giant pansies now offered to the trade, 1,000 s., 30c; 2,000 s., 50c; 5,000 s., $1.00; per oz., $5.00.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Primula Sinensis fimb., giant flowers in pure white, rose, brilliant crimson, blood red, blue, 100 seeds, 25c; 1000 seeds, $1.75. Mixed, all colors, 100 seeds, 20c; 1000 seeds, $1.50. Cineraria Hyb. max. grandifl. Cineraria Hyb. nana dwarf, 500 seeds, 25c; 5000 seeds, $1.00. Calceolaria Hyb. grandifl. max. or dwarf, pkt., 25c. Calceolaria rugosa (shrubby), pkt., 25c. Asparagus plumosus nanus, 75c 100, $6.50 1000. Pandanus utilis, $1.00 100, $8.50 1000. H. H. Berger & Co., 47 Barclay St., New York.

SEEDS. Chinese primrose, large-flowering fringed, single and double. Mixed, 500 seeds $1.00, half pkt. 50c. Pansy, large-flowering varieties. Mixed, 5000 seeds, $1.00, half pkt. 50c. Cineraria, large-flowering dwarf. Mixed, 1000 seeds 50c. Primula obconica grand., large-flowering, showy. Mixed, 1000 seeds, 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Cash.
John F. Rupp, Shiremanstown, Pa.

Cineraria seed, dwarf and medium tall, $1.00 per trade pkt. Primula sinensis, $1.00 per trade pkt. Send for wholesale seed catalog. H. F. Michell, 1018 Market St., Philadelphia, Pa.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, new giant Mme. Perret, true stock, 50c trade pkt., $5.00 oz. Our choicest mixture of the best strains, 50c trade pkt., $1.25 ⅛ oz., $2.00 ¼ oz. Walter Mott Seed & Bulb Co., Jamestown, N. Y.

New crop Palm, Dracaena and Eucalyptus seeds. Also Roemer's superb Prize Pansies. Chas. Winsel, 247 South Main St., Los Angeles, Cal.

FLORISTS' FLOWER SEEDS.
Send for catalogue.
W. C. BECKERT, ALLEGHENY, PA.

SMILAX.

Smilax, fine plants, ready for a shift, $2.00 100, $15.00 1000. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

CUT SMILAX, 6 to 7 ft. long, very fine and clean, $15.00 100. Express prepaid. Cash. Chas. Pommert, Amelia, Ohio.

Smilax, fine plants from 2¼-in., ready for planting, $1.25 100, $10.00 1000. Buckley Plant Co., Springfield, Ill.

Smilax, fine 2-in. stock, $2.00 per 100, $15.00 per 1000. C. Betscher, Canal Dover, Ohio.

Strong 2¼-in. smilax, $1.25 per 100, $10.00 per 1000. E. C. Keck, Washington, Iowa.

150 choice surplus smilax, 2¼-in., $2.00 per 100. Cash. Theo. Fuhr, Beloit, Ohio.

Smilax, 2½-in.; strong, ready for shift, $1.25 100. O. A. Stoll, Oxford, Mich.

Smilax, 2-in., $1.00, 3-in., $2.50 100. Cash. Mrs. Griswold, Worthington, O.

Smilax, 5000 2 and 2½-in. Geo. A. Kuhl, Pekin, Ill.

Smilax, 2-in., strong, $1.50 100.
Albert M. Herr, Lancaster, Pa.

Smilax, 2-in., $1.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Smilax, 2-in., $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

STEVIA.

Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Stevia, rooted cuttings from sand bed, 60c 100; 5c extra if by mail. Joseph Bradbury, South Orange, N. J.

Stevia compacta, cuttings, 60c 100; 2¼-in. pots, $1.50 100. Coolidge Bros., South Sudbury, Mass.

25,000 Stevia rooted cuttings and 2½-in. pots. Poehlmann Bros. Co., Morton Grove, Ill.

SWAINSONA.

Swainsona, alba and rosea, 2-in., $2.50 100. Cash. Geo. L. Miller, Newark, O.

UMBRELLA PLANTS.

Cyperus alternifolius, strong 4-in. stock, ready to divide, $6.00 per 100. Gravedale Nurseries, H. Mallon, Jr., Mgr., D St., above Wyoming Ave., Phila., Pa.

Umbrella plants, 2-in., $2.00 100. Cash. Geo. L. Miller, Newark, O.

Umbrella plants, fine 2½-in., $2.00 per 100.
E. G. Bunyar, Independence, Mo.

Cyperus alternifolius, 2-in., $2.50 100.
N. Smith & Son, Adrian, Mich.

VEGETABLE PLANTS.

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field-grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

TOMATO—Stone, Royal Red, Perfection, Paragon, Favorite, Dwarf Champion and other varieties, 15c per 100; $1.00 per 1000.

EGG—New York Improved, 25c per 100; $2.00 per 1000.

PEPPER—Ruby King, Bull Nose, Sweet Mountain and other varieties, 25c per 100; $2.00 per 1000; $15.00 per 10,000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grand, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.

If by mail add 10c per 100. Cash with order.
R. VINCENT, JR. & SON, White Marsh, Md.

Sweet potato plants from slip seed. Genuine Big-Stem Jersey, extra early, smooth, bright yellow and very productive, $1.50 per 1000. Cedarville or Delaware, a dry, yellow potato of medium size and comely shape—the best keeper—$1.00 per 1000. Cash with order. All orders promptly filled.
H. Austin, R. R. 24, Felton, Del.

Cauliflower plants. 1000

	Postpaid.	Express.
Early Snowball, 200 plants	$1.00	$4.00
Ex. Early Erfurt, 200 plants	1.00	4.00
Ex. Early Paris, 300 plants	1.00	2.50
Early Favorite, 250 plants	1.00	3.00

Or 50 plants of each variety, $1.00 postpaid.
John G. Lehde, Forks, Erie Co., N. Y.

Cabbage plants—Henderson's Summer and Wakefield, transplanted stock, 20c per 100, $2.00 per 1000. Tomato plants—Livingston's Beauty, Dwarf Champion, Ponderosa, fine transplanted plants, 50c per 100, $5.00 per 1000. Cash, please. Robert F. Tesson, West Forest Park, St. Louis, Mo.

EARLY TOMATO PLANTS—Stocky, transplanted plants from best seed, 2 to 3 inches high, $2.00 per 1000; 6 to 8 inches, $5.00; 10 to 12 inches, $7.50. Write for our price list of vegetable plants. Frank Shearer & Son, Binghamton, N. Y.

Cabbage—Danish Ballhead, strong, stocky plants, Wakefield and Early Summer, $1.25 per 1,000. Celery — White Plume, transplanted, strong, and Celeriac, $2.50 per 1,000. Cash. Ludwig Mosback, 55th St., nr. Anthony Ave., Chicago.

Tomato plants—Beauty, D. Champion and Lorillard, 15c 100; $1.25 1000. Peppers—Bull Nose and Ruby King, 20c 100. 10,000 fine large E. J. W. cabbage plants, $1.00 1000; $7.50 for the lot. Cash. Mrs. Griswold, Worthington, O.

Pepper plants—Ruby King and Golden Dawn, $2.00 1000, 25c 100; transplanted, $3.00 1000, 35c 100. Cabbage plants—Surehead, A No. 1 plants, $1.00 1000, 15c 100. Jas. E. McCracken, Bellefontaine, Ohio.

100,000 first-class cabbage plants from field. Wakefield, Charleston, All Head, Winningstadt, Succession, Sure Head, Holland, Flat Dutch, $1.00 per 1000. Chase & Son, New London, Ohio.

Sweet potato plants. Southern Queen, Bermuda, Jersey Yellow, $2.50 per 1,000. Brazilian 40c per 100. By mail add 15c per 100. Safe delivery guaranteed. E. P. Hall, Shelbyville, Ky.

Late cabbage plants, 4 varieties, from seed bed, 15c 100, $1.00 1000. Celery plants—Giant Pascal and White Plume, 15c 100, $1.00 1000. S. J. McMichael, 142 Larkins St., Findlay, O.

Tomatoes—Stocky plants, 5 to 7 inches tall, Stone Imperial, Atlantic Prize, Matchless, Early Ruby and Ponderosa, at 75c per 1000, to close out. Cash. Byer Bros., Chambersburg, Pa.

50,000 cabbage plants—Late Flat Dutch—strong and stocky, $1.00 per 1000. A. B. Campbell, Cochranville, Pa.

Cabbage plants—Good strong late plants, at $1.25 per 1000. Harry White, R. D. No. 6, Wabash, Ind.

Hollander and All-Seasons cabbage plants, 15c per 100, $1.25 per 1000. Chas. Rahn, Jr., Green Bay, Wis.

Are you looking for someone who is looking for a bargain? You'll find him—by advertising that bargain in the Review's classified advs.

VERBENAS.

Mammoth verbenas, in bud and bloom, $2.50 and $3.50 100. Greene & Underhill, Watertown, N. Y.

Mammoth verbenas, mixed; 2-in., $1.25 per 100. A. B. Campbell, Cochranville, Pa.

Lemon verbenas (Aloysia), $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

Verbenas, 2½-in. pots, $2.00 100. Crown Point Floral Co., Crown Point, Ind.

VINCAS.

Vinca variegata, 2-in. pots, very strong, $2.50 100; 3 and 3½-in. pots, with 4 to 5 runners and more, $6.00 and $10.00 100. G. Hanson, 1021 So. Cameron St., Harrisburg, Pa.

Vinca var. out of 4-in.; extra strong vines, $9.00 per 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Vinca var., 2¼-in. $2.50, 3-in. $4.00, 3½-in. $6.00 100. Very large, bushy and long, $10.00 100. Greene & Underhill, Watertown, N. Y.

Vinca, green; extra fine, long and strong; 1-in., $5.00 to close out balance. Geo. M. Brinkerhoff, Springfield, Ill.

Vinca variegata from 3½ and 4-inch pots, $7.00 per 100. Cash. W. S. Nichol, Barrington Centre, R. I.

Vinca variegata and green, 2¼-in., good stock, $3.00 per 100.
Hull Floral Co., Morris, Ill.

Vinca, trailing; 4-in., $10.00 100. Cash. Geo. L. Miller, Newark, O.

VINES.

Lophospermum, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

VIOLETS.

	100	1000
Imperial, 2¼-inch	$2.75	$25.00
Marie Louise, 2¼-inch	2.75	25.00
Farquhar, 2¼-inch	2.75	25.00
Swanley White, 2¼-inch	2.75	25.00
Campbell, 2¼-inch	2.50	22.50

Grand Rapids Violet Co., Grand Rapids, Mich.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
SWAN PETERSON FLORAL CO., Gibson City, Ill.

VIOLETS. Healthy, sand-rooted cuttings of Lady Campbell, 75c per 100, $5.00 per 1000. Ready now. Cash with order from unknown parties. CHAS. BLACK, Hightstown, N. J.

Marie Louise violets, strong plants, February struck, healthy and free from disease, $15.00 per 1,000. Cash with order. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Violets. Well-rooted runners of California and Russian, The Czar; clean stock, $3.00 per 1000, $20.00 per 10,000.
W. A. Finger, Hicksville, L. I., N. Y.

Nice strong, Marie Louise, from soil, of my select strain, $1.00 per 100; $8.00 per 1000.
John Bronner, 301 Beecher St., Syracuse, N. Y.

Hardy Russian violet, $1.00 100, $6.00 1000.
Good & Reese Co., Springfield, O.

TO EXCHANGE.

To Exchange—True Freesia refracta alba bulbs, at 50 cents per 100, for rooted cuttings of Swanley White and Imperial Violets. J. Sutherland, Keokuk, Iowa.

To Exchange—Chrysanthemums for fancy ferns and begonias. A. D. Montgomery, Hazelton, Pa.

WANTED.

Wanted—2000, or less, Mamm Cochet, 2½ or 3-in. pot plants. Chas. W. Reimers, Station A, Louisville, Ky.

Wanted—2000 good 2½ or 3-in. Boston ferns. J. F. Kidwell & Bro., 3806 Wentworth Ave., Chicago.

Wanted—400 strong, dormant poinsettia roots. Give price. John L. Wyland, De Haven, Pa.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Prices no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

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WE MAIL SAMPLES ON REQUEST.

PURE BONE MEAL for Greenhouses. The brand we are selling has no superior. It is pure bone, guaranteed free from acids, and is sold at as low rates as many inferior brands, which cannot be used with safety in greenhouse culture. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs.,$3.50; 1,000 lbs., $15.00; ton, $27.50.

PULVERIZED SHEEP MANURE. The most effective of all fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have, we feel assured of their patronage. Price per sack of about 2 bushels, weighing 90 to 100 lbs., $1.50; 500 lbs., $5.00; ton, $15.00.

HORN SHAVINGS, 5 lbs., 40c; 10 lbs., 70c; 25 lbs., $1.00; 100 lbs., $3.50.
E. H. HUNT, 76 Wabash Ave., Chicago.

FLORISTS' BONE MEAL, a tried and tested brand, per sack (200 lbs.), $3.25; per ton, $28.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Bone meal, best for florists, 200 lb. bag, $3.50. A. M. Herr, Lancaster, Pa.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

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Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 30 Sudbury St., Boston, Mass.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

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HUNT'S TYPHOON BRAND. The best HOSE for greenhouse use. It stands the wear of dragging and pulling around bench posts. Price low for quality. Three-quarter inch, 7-ply black:

50-foot.....$ 7.50
100-foot..... 14.00
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Cut to 25 ft. lengths if wanted. Fitted with either coupler, Acme or plain.
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FRESH TOBACCO STEMS, per bale (250 lbs.), $1.50; per ton, $8.50.
CYCLONE ATOMIZER SPRAYER. You can't afford to be without one; tin, 50c; brass, 75c.
Write for our descriptive circular.
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NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigation or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Rose lice, red spider and mildew on rose bushes prevented by SULPHO-TOBACCO SOAP. Write for our special offer to florists.
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To kill all greenhouse pests use NICOTICIDE. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

PAINT AND PUTTY.

GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

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SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale. Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Wire hanging baskets, 12-in., well made, painted green, $2.00 per dozen; $15.00 per 100. Geo. L. Miller, Newark, Ohio.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

NEW MEMBERS OF S. A. F.

During a recent call on the secretary of the S. A. F. in Boston, he reminded me that I was a state vice-president of that body for Eastern Pennsylvania. I made some remark about that being an easy job and was inclined to make light of it, for which top-lofty air I promptly got rapped over the knuckles. Assuming a more serious attitude I asked: "Well then, what are the duties of a state vice-president, anyway?" Among the most important of all, I was informed, was the duty of keeping the membership fences of the district one belonged to in repair. I quickly realized that that was a *job indeed*. I have worked in too many societies not to be well aware of what it means to "go for" the laggart, the disgruntled and the indifferent. However I set to work and here is the result of my last week's work:

Ira H. Landis, Lancaster, Pa.
H. H. Battles, 108 S. 12th St., Phila.
J. Henry Bartram, Lansdowne, Pa.
David Bearn, Bala, Pa.
Frank Polites, 13th & Chestnut St., Phila.
Chas. Mecky, 17th & Erie Ave., Phila.
John G. Gardner, Villa Nova, Pa.
Frank Whitely, 16th & Chestnut St., Phila.
Eugene Bernheimer, 1604 Ludlow St., Phila.

Next week I hope to have another batch to report and if I do not, it will not be my fault. I publish these names because, although not a very large bag for a week, it shows that something can be done and there may be some other vice-president like myself requiring a little stirring up. Individual members can also talk to their neighbors and every one should try to send in at least one new name. Three dollars a year is not much and will not be missed. Never mind whether one intends going to Asheville or not; all should be members whether they go to conventions or not. It's rather a disgrace, I think, for a florist not to belong to his national society.

G. C. Watson.

Philadelphia, June 7, 1902.

EPIPHYLLUMS.

Though Epiphyllum truncatum and its numerous forms are not so generally grown as was at one time the case, they are for all that very beautiful and extremely useful where flowers have to be maintained all the year round, the month before Christmas being their most attractive period. The type was introduced from Brazil as long ago as 1818, and the varieties appeared later on. They vary in color from deep purple to a light rosy tint, while, in addition, some of those with salmon tinted blossoms are very pretty.

Epiphyllum truncatum is generally grown as small standards, being grafted onto a naked stem of Pereskia, about a foot high, while taller specimens are sometimes met with. This, however, by no means exhausts its possibilities, for the different forms readily lend themselves to culture in suspended baskets, under which conditions the flowers are seen to great advantage. For furnishing a sunny wall in a warm house the epiphyllums are well suited, provided the wall is faced with network to hold some rooting material in position. This may consist chiefly of peat and moss, in which the plants will grow well, if they are syringed freely during the summer.

The propagation of the different epiphyllums is a very easy matter, for if a piece is broken off at any time and placed under favorable conditions, it will root in a short time, hence I have seen some well-furnished hanging baskets that have been in the first place lined with moss, then filled with suitable soil, in which pieces of epiphyllum, just broken off, were dibbled, and hung up in the stove, with an occasional syringing till rooted. Grafting is very simple, for, given the stocks of Pereskia established in small pots, all that is needed is to cut the stock to the required height, split it, take a piece of epiphyllum from three to five inches long, fashion the lower portion in the shape of a wedge, and tie in position, or it may be kept in its place by the insertion of two or three spines from the Pereskia itself.

When grown in pots these epiphyllums which flower best in an intermediate house temperature should, when the blossoms are past, be given a little rest in the warmest part of the greenhouse. If the plants need repotting, this is best done in March or April, and a suitable compost for the purpose consists of two-thirds loam to one-third brick rubble and sand. They need firm potting, and after this do best in an intermediate house, where moisture must be given. Towards the latter part of the summer the plants may be removed into a sunny greenhouse, in order to induce the formation of flower buds. Potting every year is, however, by no means necessary, as, if the drainage is good, they will, when once established, stand for a long time without being disturbed at the roots. In this case a little weak liquid manure given occasionally during the growing season is of service.

The above remarks apply to E. truncatum and its varieties, but there is another desirable species quite distinct therefrom. This is E. Makoyanum, with bright cinnabar red flowers, more regular in shape than the others, added to which they are borne in the spring instead of the early winter months.—M. E. in Gardeners' Magazine.

Holyoke, Mass.—E. D. Shaw, the florist, has filed a petition in bankruptcy, with liabilities of $3,300 and no assets.

Wooster, O.—After June 15th the address of Prof. F. M. Webster will be University of Illinois, Urbana, Ill.

Wilton Junction, Ia.—Friederichsen Bros. report spring trade as very good. They sold out completely on bedding stuff. Demand in all lines very good. Outlook encouraging.

Duluth, Minn.—The public school officials have caught the "no flowers" disease and have forbidden the use of flowers at the school closing exercises.

I am well pleased with the Review. Every grower ought to have it.—H. C. Blewitt, Des Plaines, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

TEMPERATURE.

Temperature is such an all-important factor in plant life, ranking indeed only second to light itself, that its study is one of the first essentials to the cultivator. The range of most plants is altogether determined by it, all but perfectly hardy or frost-proof ones demanding a temperature which never falls below 32 deg. Fahr., while many collapse altogether if this be even approached; the hardy ones, on the other hand, if constantly exposed to warm conditions, will perish sooner or later, owing to the lack of rest which the cold period affords them, and thus are equally limited. Plants in fact, like all other organisms, are the outcome of the environments of their natural habitats. Alternating periods of cold and heat or drought and moisture, induce corresponding periods of rest and active growth, and under culture, a main factor of success is the closest possible imitation of these conditions, a fact which is too often lost sight of as regards the resting period, which only an intimate knowledge of the natural environment of the plants concerned can properly indicate.

It is frequently overlooked that the term tropical and sub-tropical do not necessarily imply the constant high temperature of tropical and sub-tropical climates at the levels frequented by humanity. Many plants are introduced from elevated mountain regions, in which practically all climates exist, from the tropical heat at the mountain foot to arctic cold at the snow line. A consignment of plants, therefore, from the Equatorial regions may possibly embrace, intermingled with the tenderest tenants of valley glens which perish unless grown in a hothouse, a number of which are almost or quite hardy and would perish just as surely if placed in the same quarters, and yet the uninstructed recipient of such a consignment would naturally treat them all alike, and probably attribute the consequent failures to quite other causes than the true one. Even when plants survive which are thus unfittingly treated, it frequently occurs that their habit is greatly altered and their flowers adversely affected, as is evidenced by attempted culture of some of our native vegetables in foreign lands, where choice varieties deteriorate and become altogether valueless.

On the other hand, it is remarkable how some foreign introductions adapt themselves to and even improve under greatly changed conditions. Take for instance the tulip; in its native habitat we find it growing in hot, rocky localities on the Oriental hills, where the soil for the best part of the year is absolutely baking in a fervid sun and must be literally "dry as a bone," while here, as we know, it thrives, and, with many fine varieties, increases year after year in loose loamy soil, which in normal seasons is always wet or damp. Nevertheless, the bulbs refuse to respond to the stimulus of humidity, and take their rest as soundly as they do at home. Despite this, however, there is no doubt that in most cases the rule holds good that the nearer we approach the natural conditions, the healthier and more satisfactory the plants will be; but to attain these conditions, much greater knowledge of the, so to speak, normal temperature is required than is often acquired by the grower who learns the geographical position of the native country but ignores the material point of elevation.—Gardners' Magazine.

Burpee's Seeds Grow

GERANIUMS!

Twenty leading sorts, from 2¼-inch pots, $2.00 per 100.
Caladium Esculentum, 4 to 6-in., $1.00.
Achyranthes Emersonii, 2-in. pots, $2 per 100; rooted cuttings, 75c per 100.
Alternanthera, from 2-in. pots, $2.00 per 100.
Coleus, 20 standard varieties, 2-in. pots, $2.00.
Cannas, in varieties, 3-in. pots, $5.00 per 100.
Chrysanthemums, pompons, best collection known, 2¼-in. pots, $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.

CHRYSANTHEMUMS.

Standard Varieties.

Bonnaffon, Cullingfordii, Eureka, J. H. Woodford, Minerva, Mrs. Jerome Jones, Mrs. J. D. Whilldin, Modesto, Mrs. S. T. Murdock, Mrs. John J. Glessner, Mrs. R. McArthur, Mrs. H. Weeks, Mrs. O. P. Bassett, Niveus, Rose Owen, V. H. Hallock, Prince of Wales, large-flowering, hardy white.

2½-in. pots, 30c per doz.; $2.00 per 100.

SPECIAL PRICE on CHRYSANTHEMUMS:
1,000 our selection of from 10 to 20 kinds, for $15.00
Write for prices on large lots.
CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.
Mention The Review when you write.

PANSY

NEW GIANT--Mme. Perret

The Prize Strain, exhibited at the Pan-American Exposition, true stock, 50c per trade packet; $5.00 per ounce.

Our Choicest Mixture of the best strains procurable, 50c per trade packet; $1.25 per ⅛ ounce; $2.00 per ¼ ounce.

WALTER MOTT SEED & BULB CO.,
JAMESTOWN, N. Y.
Mention The Review when you write.

Cannas. Bouvier, Star of '91, Crozy, Florence Vaughan, Austria, etc., etc., mixed, from 4-inch pots, $6.00 per 100.
Coleus, J. Goode, Verschaffeltii, Beckwith Gem, etc. 2¼-inch, at $3.00 per 100; $25.00 per 1000.
Centaurea, 3-inch, at $3.00 per 100.
Salleroi, 3-inch, at $3.00 per 100.
Petunias, 4-inch, dble. and single, $7.00 per 10

CRABB & HUNTER, Grand Rapids, Mich.

Liberty Roses!

1500 IN 2x2½-INCH POTS READY TO SEND OUT. WRITE

GEO. A. KUHL, PEKIN, ILL.
Mention The Review when you write.

WHOLESALE GROWERS .....OF..... Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.
WHOLESALE BULB GROWERS,
PETERSBURG, VA.
Mention The Review when you write.

COLEUS.

300 Verschaffeltii out of 2½-in. pots, good stocky plants, per 100, $2.50—the 300 for $7.00.
400 R. C. Coleus Verschaffeltii at 50 cents per 100.
Mixed varieties out of 2-in. pots, per 100, $1.50.

CANNAS.

Austria, C. de Bouchard, Q. Charlotte, Allemania, L. Vaughan, Souv. de A. Crozy, M. Berat, F. Bismarck, F. Vaughan, Italia and Burbank out of pots, at $5.00 per 100; mixed varieties at $4.00 per 100.

Vincas, trailing, 4-in. pots, long runners, per 100, $10.00, **Swainsona, Alba** and **Rosea,** 2-in., per 100, $2.50. **Umbrella Plants,** 2-in., per 100, $2.00. **Asparagus Sprengeri,** 2-in., per 100, $2.00. **Lophospermum,** 2-in., per 100, $1.50.

Cash or satisfactory reference with order.

GEO. L. MILLER, Newark, Ohio.
Mention The Review when you write.

ASPARAGUS PLUMOSUS, the best every day green on the market, strong plants, 3-in. pots, $8.00 per 100.

BOUVARDIA, pink and white, clean, healthy, in good condition, 2-in. pots, $3.00 per 100.

CHARLES E. MEEHAN,
Slocum & Musgrove Sts, GERMANTOWN, PA.
Mention The Review when you write.

Cauliflower Plants!

	Postpaid.	1000 By Ex.
Early Snowball, 200 plants....	$1.00	$4.00
Extra Early Erfurt, 200 plants	1.00	4.00
" " **Paris,** 300 plants..	1.00	2.50
Early Favorite, 250 plants.....	1.00	3.00
Or 50 plants of each variety.....	1.00	

JNO. G. LEHDE, - Forks, Erie Co., N. Y.
Mention The Review when you write.

Plants! Plants!

Asparagus Sprengeri, from flats ready for potting, $1.00 per 100; $8.00 per 1000; 2¼-in., $1.50 per 100. **Smilax,** 2-in., $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **Utica, N. Y.**
Mention The Review when you write.

Beauty, D. Champion and Lorillard **Tomato Plants** 15c per 100 $1.25 per 1000

PEPPERS—Bull-Nose and Ruby King, 20c per 100. **CABBAGE**—(Special)—10,000 E. J. W. Cabbage plants, fine, large plants, $1.00 per 1000; $7.50 for the 10,000. **ASTERS**—Semple's white, Victoria, Perfection and Comet, 25c per 100. **SMILAX**—2-in., $1.00 per 100; 3-in., $2.50 per 100.

CASH PLEASE.

MRS. GRISWOLD, WORTHINGTON, O.
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LETTUCE.

When should Grand Rapids lettuce seed be sown so as to have lettuce large enough to cut by Nov. 15th?

M. W. W.

Plants from seed sown Sept. 1st will be in good shape by the middle of November, and for a continuous crop sow a little every week. An ounce of seed will produce 4,000 to 5,000 plants, so M. W. W. can sow accordingly. C. T.

AMERICAN CARNATION SOCIETY.

It will be remembered that at the Indianapolis convention of the American Carnation Society a committee was appointed to convey to President Bertermann the great regret of the members at his enforced absence from the meeting owing to ill health. The committee, consisting of Messrs. Lewis Ullrich and James Hartshorne, duly forwarded a letter expressing the sentiment shown by the members and received the following acknowledgment:

Gentlemen: Your very kind and encouraging letter received a few days ago, being delayed as you see by being sent to a wrong town in this State. I have been in Pacific Grove, Cal., up to within two weeks; am now here for a month or so.

I certainly thank the Society very much for their remembrance and your Committee in special for their kind sentiment. I have surely missed the treat of my life in not being present but of course the state of my health would not permit me to stay during the cold weather. I am recuperating very slowly, don't hope to be much improved; however, a long stay may do wonders.

Again thanking you, gentlemen, I remain
Respectfully and sincerely,
Wm. G. Bertermann.

Sacramento, Cal., March 23, 1902.

PLANTS FOR SCHOOL CHILDREN.

The National Plant, Fruit and Flower Guild is undertaking to encourage the school children of New York City to cultivate ornamental plants, and hopes to place a plant in the possession of each of the ten thousand pupils of the eleventh school district. Mrs. Henry Parsons is chairman of the potted plant committee of the guild and is also a member of the local school board. She hopes that florists will contribute their surplus plants to the guild for the work being carried on.

Those who wish to contribute plants, either with or without the pots, may send a postal card to the National Plant, Fruit and Flower Guild, No. 70 Fifth avenue, and they will receive labels to place on their boxes which will entitle them to forward their gifts free through the express companies. Directions will also be sent as to the manner of packing the plants, etc. The pots sent should be four inches in size, and should be forwarded to the West Side Settlement, No. 460 West Forty-fourth street, New York City.

TIMID TOTTIE.

"Will you walk in the garden, my wee pretty maid?"
"No, thank you, kind sir! I am too much afraid."
"Why, what can you fear is a puzzle to me!"
"Oh, sir, the snapdragons might snap at me!"

"Oh, I will protect you, my pretty wee maid. Come, put on your bonnet." "Oh, sir, I'm afraid."
"Pray, what is it now?" "Why, I never could go,
For a big tiger lily might bite me, you know."

"We'll walk in the fields, then, my pretty wee maid."
"Oh, that would be worse! I shall feel so afraid."
"What makes you so timid, you strange little child?"
"Why, sir, in the meadows the flowers are all wild."

—Cassell's "Little Folk."

Toronto, Ont.—The pavilion in the Horticultural Gardens was burned, June 6th. The conservatory adjoining was badly scorched and many valuable plants were irreparably damaged. The loss is heavy.

Kalamazoo, Mich.—G. Van Boehove & Bro. have shipped for a customer two dozen of their finest Beauties to Liverpool, England, per steamer Hartford, which sailed from Philadelphia at 10 a. m., June 7.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.30	3.60	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	
" " strong	8	26 to 30	7 to 10	1.50	18.00	
Asparagus Sprengeri	2				.50	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.40	15.00
" Plu. Nanus	2				.50	4.00
"	3				1.00	8.00
Araucaria Excelsa	4			.50	6.00	
Pandanus Veitchii	5			1.00	12.00	
" "	6			1.50	18.00	
" "	7			2.50	30.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Nephrolepsis Bostoniensis	2				.50	4.00
" "	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	
" "	8				12.00	
" "	9				18.00	
" "	10				24.00	
Assorted Ferns, for fern dishes, 2-inch pots						3.00

Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

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CHRYSANTHEMUMS!

Timothy Eaton, Parks,
Chadwick, Pitcher,
White Bonnaffon, Hobson,
Florence Hayes, Col. Appleton.

Rooted cuttings **$2.00** per 100; from 2½-inch pots, **$4.00** per 100.

Glory of Pacific, R. H. Pierson,
Polly Rose, Robinson.

Rooted cuttings **$1.00** per 100; from 2½-inch pots, **$2.50** per 100.

N. Pockett, Perrin, Schrimpton,
Wanamaker, Maud Dean, Newett,
H. J. Payne, Lincoln, McArthur,
Bonnaffon, Pink Ivory, Harriott,
Jerome Jones, White " Rieman.

Rooted cuttings **$1.50** per 100; from 2½-inch pots, **$3.00** per 100.

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HERMAN C. STEINHOFF, West Hoboken, N. J.

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Cressbrook and Fair Maid, Strong, from Soil, $1.50 per doz.; $10.00 per 100; $75.00 per 1000.

CHRYSANTHEMUMS. Fine Strong Plants, from 2½-inch pots. **Ready Now.** Our selection, all good standard sorts, $2.00 per 100. We have many other varieties than here listed. Send for complete list.

	Per 100		Per 100
T. Eaton	$4.00	R. Halliday	$4.00
Nellie Pockett	8.00	Major Bonnaffon	3.00
Lady Roberts	8.00	Philadelphia	5.00
Mrs. E. D. Smith	6.00	Pennsylvania	5.00
Golden Beauty	8.00	Modesto	3.00
Mrs Chamberlain	8.00	Nagoya	3.00
Mme. F. Bergmann	3.00	M. de Montmort	3.00
Willow Brook	3.00	Glory of the Pacific	3.00
Merry Monarch	3.00	Lady Harriott	6.00
Polly Rose	3.00	Maud Dean	4.00
G. S. Kalb	3.00	Xeno	3.00
Ivory	3.00	Geo. W. Childs	4.00
Mrs. J. Jones	3.00	Intensity	4.00
H. A. Parr	3.00		

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Prices quoted upon application.

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Fine plants from 2¼ inch pots, ready for planting, $1.25 per 100; $10.00 per 1000; $15.00 per 5000.

DOUBLE FRINGED Petunias.

Our superb collection of 10 varieties, strong 2½-inch plants, in bud and bloom, $1.25 per 100; $10.00 per 1000. 500 at 1000 rate. Cash.

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2½-inch pots, best sorts, short and bushy plants, include Golden Bedder, Park Beauty, Nellie Grant, Butterfly and 10 other sorts, **$15.00** per 1000; **$2.00** per 100. 500 at 1000 rates.

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500 Moon Flowers

3 in. pots, early-blooming sort, well staked, strong plants, vines 2 to 3 feet long, **$5.00** per 100.

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Large Latania Palm Plants.

3½ to 4 feet in Height and Diameter.

2 to 4	plants to pot,	18 to 22	leaves,	$4.00	per plant
2 to 4	" "	15 to 18	"	3.50	"
2 to 3	" "	12 to 15	"	3.00	"
1 to 3	" "	8 to 10	"	2.75	"
1	" "	7 to 8	"	2.50	"

1 plant in 6-in. pot, 16 to 18 in. high, 50c "

Pandanus Utilis, 5-inch pots, $5.00 per dozen.

Dracaena Indivisa, 2 and 3 plants to pot, 2 ft. high, $4.00 per dozen.

Asparagus Plumosus, heavy strings 6 to 7 ft. long, 50 cents per string.

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If uncertain what to plant, write us what your facilities are and we shall be pleased to assist you with practical suggestions.

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	Per 100
Sprengeri, 2-in. pots, ready	$2.00
Plumosus, 2-in. pots, ready June 15	3.50
Smilax, 2-in. pots, ready June 15	1.50
Primroses — Obconica, Chinese and Forbesii, ready July 1	2.00
Geraniums, mixed, to close out	2.00

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Timothy Eaton, from sand, $2.50 per 100; 2¼-inch pots, $3.75 per 100.

Col. D. Appleton, 2¼-inch pots, $3.00 per 100.

VINCA VARIEGATA, out of 2-inch, very strong, $2.50 per 100; 3 and 3½-inch pots, with 4 to 5 runners and more, $6.00 and $10.00 per 100.

G. HANSON, 1021 S. Cameron St., Harrisburg, Pa.

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NASTURTIUMS,

600 of them and 400 other colors. Fine bushy plants, from 4-inch pots, at only $4.00 per 100.

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FOR SALE.

1800 Myrtle Plants

From 2½-inch pots, extra heavy stock, at **$3.00** per 100; **$25.00** per 1000. Rooted Cuttings from flats, **$1.50** per 100, 2½-inch size.

Planted out now will make nice stock for Winter Trade. Unknown parties cash with the order.

CHAS. SCHWEIGERT, Niles Centre, Ill.

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Golden Gate, 3-inch, $5.00; **Perles,** $6.00; **Beauties,** $10.00; **Meteors** (very fine), $5.00 per 100. Excellent stock, worth the money.

Some choice 2¼ by 3-inch **Maids, Brides** and **Golden Gates** at $25.00 per 1000; $3.00 per 100.

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4-inch, strong, at $10.00 per 100.

SMILAX, 2-inch, strong, at $1.50 per 100.

Bone Meal, BEST for Florists' use, at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

HEATING.

Replying to the inquiry of M. W. W., for the heating of the lettuce house 90x33 feet, with glass on the roof only, 15 lines of 2-inch pipe would be required, connected by means of 3½-inch flow and return mains to the boiler. In the 90x22-foot house, to 50 degrees temperature, 13 lines of 2-inch pipe would be required, this also connected to the boiler by means of a 3½-inch flow and return mains.

I notice that it is contemplated to put the boiler in a shallow pit with the top of the boiler above the floor line of the greenhouse; this is very poor policy, as it entails not only a complicated system of installation, but adds materially to the fuel consumption and the cost of labor of handling the increased amount of coal every season. It would be much better to invest a little more money in Portland cement and labor to make a small water-tight pit deep enough to insure a perfect and economical working apparatus.

HENRY W. GIBBONS.

New York.

PIPING.

Would 2,000 feet of 2-inch pipe be sufficient for two carnation houses each 20x100, connected by iron gutter and no partition? Houses are 11 feet high to ridge. There is 16 inches of glass all the way around the sides.

SUBSCRIBER.

Replying to "Subscriber's" inquiry, 2,000 lineal feet of 2-inch pipe will not be sufficient for heating the two houses he describes. In order to secure a night temperature of 50 degrees, he will require at least 2,500 lineal feet of 2-inch pipe distributed through the houses, and he would find it advantageous to increase the quantity to about 2,800 lineal feet, but under no circumstances, should he use less than 2,500 lineal feet.

HENRY W. GIBBONS.

New York.

YOUR BOILER.

How long since your boiler has been cleaned? Many boiler troubles are due to lack of attention in this respect, especially in localities where the water carries sediment. Every boiler should have a cut-off at both flow and return so the boiler may be emptied and sediment removed at least every month or so, without emptying the pipes.

Where water carries sediment (and all water carries more or less) the latter settles in the lowest parts of the boiler and when sufficient has accumulated to keep the water away from the surface next the fire the boiler burns out just as will a dry tea kettle left on the fire. Boilers are costly and every care should be used to prevent injury to them through the accumulation of sediment. Now is a good time to make sure that your boilers are not suffering deterioration in this way.

IRONTON, O.—P. H. Therkildson, formerly manager of the Miller Greenhouses, this city, and more recently in the business at Chillicothe, O., died here June 1 from cancer of the stomach. He was born in Denmark and came to this city 27 years ago. He married Miss Hattie Miller in 1878. He is survived by his widow and seven children. Frank, the eldest, is now manager of the Miller greenhouses here.

FRESHLY IMPORTED ORCHIDS

Cattleya labiata—In perfect condition, plants with 6 to 8 bulbs, $100.00 per 100.

C. Skinnerii—Extra fine stock, plants with 6 to 8 bulbs, $90.00 per 100.

Also a fine lot of **Anthurium Scherzerianum** in perfectly fresh condition, $75.00 per 100.

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Good stock, not long, spindling plants. We do not advertise 3-inch stock and send 2-inch, nor 2-inch and send thumbs.

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Hibiscus, in variety, 2 and 2½-inch	2.50
" " 4-inch	5.00
Silver Geraniums, in variety, 2½ and 3-inch	3.00
Dusty Miller, Cineraria Maritima, 1½-inch	2.00
Scented Geraniums, Rose, Nutmeg, Lemon, Balm and Mrs. Taylor	3.00
Coleus, Verschaffeltii, 2 inch	2.00
Euonymus, Silver Leaved, 2½ and 3 in	4.00
Fuchsias, in variety, 2 and 2½-inch	2.50
Heliotrope, in variety, 2½ and 3-inch,	3.00

THIS ADV. WILL NOT APPEAR AGAIN.

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Strong plants from 2-inch pots, $4.00 per 100; $30.00 per 1000.

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Strong plants in 3-inch pots, $5.00 per 100; $35.00 per 1000.

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No. 2	3x6x18	2.00 "	18.00 "
No. 3	4x8x18	2.40 "	22.00 "
No. 4	3x6x20	2.75 "	25.00 "
No. 5	4x8x22	3.00 "	28.00 "
No. 6	4x8x25	3.75 "	35.00 "

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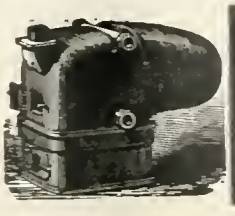

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BEST GRADES. PERFECT WORKMANSHIP.

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Lackawanna Railroad

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SKABCURA DIP CO. CHICAGO.

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QUICKLY DOES IT.

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For Sale by Seedsmen
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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

Subscription, $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts, 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified advs. and they will be found there under their proper headings.

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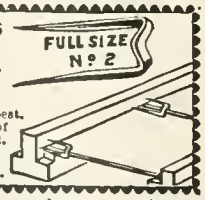

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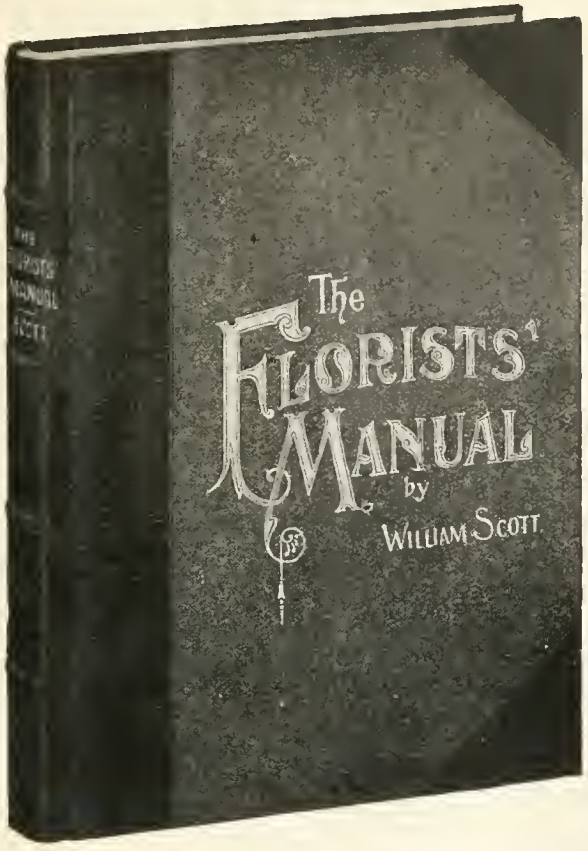

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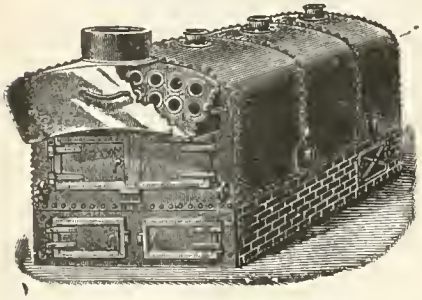

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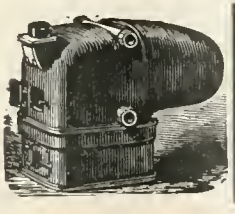

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THE RETAIL FLORIST.....

School Closings.

Prohibiting the public presentation of flowers at school closings is a matter for serious consideration and action by florists and florists' associations. Every effort to prohibit or decry the use of flowers should be met by intelligent and determined opposition. Two motives may be assigned as actuating the school authorities in this matter. One, selfishness, the other charity, and in any action to be taken these must be fully considered. The extra appreciative or wealthy parents may delight for appearance sake in sending their children flowers, but there are very many poor people who through ignorance of the present price of flowers or pure indifference or possibly inability to go father than providing the necessary graduating outfit, welcome the rule of prohibition.

It may be rightly argued that the school is no place for a display of the powers of wealth, at least in such a way as to create unhealthy jealousies in the juvenile heart. The school is supposed to be a place where all are equal except in the matter of intellect. True it is that merit is rewarded in several ways and pity it seems to us that provision could not also be made to use flowers in addition to the many vulgar brassisms sanctioned by the powers that be. There can be no disputing the fact that plant life and flower beauty constitutes (though meagerly recognized by almost all school boards) the great refining influences of all lives, be they ever so highly educated; in fact education is lost where there is a lack of appreciation of nature's most beautiful gems, consequently the florists' argument is clear and the arbitrary rules should be modified or so amended as to permit the profuse use of flowers as a crown to youth's first accomplished ambition.

It devolves upon those who have the training of children to devote a portion of their time to a child's life to something beyond and above that all-devouring spirit of commercialism that tends to absorb or choke the finer instincts of matured life. It will be a sorry day for America when the education of its boys and girls is entirely devoted to measuring the circumference of the dollar and placing within that circle the whole path of their lives. In bestirring ourselves to in every way protect the interests of floriculture it can never be charged that there is an entirely mercenary spirit behind our efforts, because flowers in a thousand ways are a real necessity. A luxurious necessity if you will, but an absolute one on the occasions that mark the important events in human life. And if narrow minded despotism will persist in oozing out from those who by their acts prove themselves unfit for the positions they hold in municipal or state affairs, then it is the duty of every florist to see to it that such are replaced by those who know better the requirements of advanced civilization.

It appears to us that there is very little that is impossible to determined concerted action. Every section of the commercial community is organized to protect their particular interests, and florists have in numerous cases a double incentive to work; they are those of self-preservation and public education. Here in New York, too, pupils are not permitted to have flowers presented to them on the platform during the ceremonies on graduating days, but they can be and are sent to the class rooms, and if it should come to pass that they be presented to them even at the door of the school when departing, it should be done. During the present condition of affairs florists should advocate the importance of presenting flowers to graduates and guarantee their safe delivery.

We must say that there are very many poorly executed and inappropriate designs sent to these affairs. Any kind of flower is suitable but they should be tied in loose light bunches and have ribbon attached when possible and the name and date painted on the streamers. Boxes and baskets are not suitable for these events. The former hides what is intended to be seen and the latter is too cumbersome for young hands to struggle with. Therefore let us show in our work that we understand what is best for all. We hope to see the day when the main hall of every school will be decorated with plants and flowers on the first and last days of attendance.

Summer Vases.

There has been during the past few years quite a revolution in the way of filling summer vases and in general exterior plant decorating. Formerly the material used to a great extent in this class of work consisted of geraniums and other such flowering plants. Now it is Aucuba japonica, furnished well down, and heavy vines of ivy, and exceedingly well they look and stand the trying climate of New York. Plenty of water is all the care they need. Palms, particularly latanias and phœnix, look well separately, and some very fine effects are obtained by using a variety of palms, ficus and general or highly colored foliage plants with vincas and ivies.

It is surprising to notice that many of the plants hitherto considered too delicate for outdoor work are now used with impunity. Sub-tropical effects are the most popular, and a vast amount of stock is being used up that could not be offered in the ordinary market channels.

A summer vase needs be well filled to be effective, and while it is necessary to put in some good plants almost anything will do for filling in. There has been and will be a big run on ivies this year; not nearly enough of good stock is grown. The same may be said of variegated vincas. Last week cannas and geraniums were sold here at auction at $1 per 100, with scarcely enough buyers even at that price. Better for the growers to use them at home to help hide the rubbish heaps or beautify their grounds. We cannot help thinking also that a vast amount more of this kind of stock could be used profitably in the cities were it offered at right figures earlier in the season.

Bobbink & Atkins' Ligustrum ibota compacta makes up a pretty vase or window box, and is destined to become very popular for use in such work. A little green of any kind is welcome to the eye in the sweltering city, and even if there be but very little money in some of the work, one never knows what a small order may lead to.

Ivy is being used entwined up the stems and tacked round the tubs of standard Bay trees, and it takes away the objectionable stiffness of these trees.

There are several new varieties of the Boston fern to be offered next spring and some that we have seen are fine acquisitions. Pity we have to wait so long for them.

There are many lovely flowers to be seen in the herbaceous gardens now, such as delphiniums, phlox, Clematis recta, thalictrums, Chrysanthemum carneum, aquilegias, Spiræa aruncus, and a whole regiment of others, which can be utilized for all manner of decorative work, and an eye ought to be kept on the best. Nothing finer now than masses of Liliums umbellatum, elegans, elegans roseum and E. robustum. A vase of mixed outdoor flowers can be made equal to any, no matter how beautiful. One or two or a larger cluster—yes, even a wreath of white or blue passifloras—look pretty and are very expressive.

Dendrobium superbum is a pretty white orchid in bloom at the present time.

We congratulate the American Rose Company on the beauty and adaptability of the White Golden Gate rose for funeral work. We recently made up for Weeber & Don's employes a wreath containing 300 of this rose. The design was sent to the funeral of the late E. Downie, for many years with Peter Henderson Co. Everyone admired the rose.

IVERA.

CARNATION NOTES.

If you have kept any carnation plants growing in pots, intending to plant them on the benches this spring, you should lose no time now in getting them planted. Two years ago we planted a house with Jubilee and America early in May, and it paid us well. They got a good hold on the soil before the extreme summer heat, and they suffered very little, with almost no shading on the glass all summer. Last spring we did not have a house ready to plant that early, so we tried a little experiment which worked real well. To avoid disturbing the roots was one reason, and to prevent stemrot was another reason for having 3,000 4-inch pots made with holes 1¼ inches large in the bottom. We potted the young plants into them in the spring and grew them along until we were ready to replant the house. Then, instead of taking the plants out of the pots, we just plunged pots and all into the soil up to the lower edge of the brim. There was no more disturbance than if the plants were moved over and weeded, and the reason we felt sure it would help to prevent stemrot was be-

cause after the roots got down into the soil we could if necessary water only the soil in the bench and keep the soil in the pots and the stems perfectly dry without the least bit of trouble. Two years ago, in spite of the early planting, etc., we lost quite a number of plants from stem-rot, but last season out of the 3,000 I am sure we did not lose a dozen plants.

We also tried another variety, part in these pots and the balance from the field, planted in the bench, both put on the bench at the time time. Those in the pots gave us finer blooms on better stems, both longer and stronger, during the early winter, but the number of blooms per plant was about 10 per cent less. The plants in pots will not grow as bushy as those in the field, hence there are less shoots and less blooms, but less cropping, I believe. It is the check the plants get in being transplanted that causes the cropping to a very large extent. The growth is arrested almost entirely for a few days, until the roots catch hold again, and when growth does commence again they all come along together and bloom within a short space of time. The small shoots that were really a month behind the larger ones do not wilt quite so much as the larger ones, and begin to grow sooner and more rapidly when the roots take hold.

You will always find that the later you plant the more your carnations will crop, and if you plant on the benches in the spring you will have less cropping than when they are grown in the field during the summer and housed in August or later. Plants that are housed in July will crop very little more than those planted from pots, and it does seem to do most varieties good to be out a few months.

This year we are working another scheme that promises to prove satisfactory. Having decided in the winter to build a large new house 45x200, we staked off the house and made beds and walks just as we expect to have them arranged in the house hereafter, and planted our carnations right where they are to stay next winter. Now we are engaged in building the house over them, and although it takes a little more care and perhaps a little more work in building, just think of what advantage we gain. When you build your house first you are compelled to rush it through so as to be ready to plant by August or you will be late, and many another job that needs doing will have to wait, and perhaps none of your carnations will be planted until that new house is finished and your fall crop of blooms is ruined, to say nothing of the lowering of the quality of your winter crop.

Our plants are getting the benefit of field culture and will not need to be disturbed at all this fall, and don't you think we will have some good blooms this fall and a steady cut right along? I do. We do not need to rush the house up unduly. Just so we get the glass on and a few steam pipes connected by September is all that is required, and we can stop a few days now and then to look after other jobs that need doing, and we can plant the other houses at the proper time. The only objection we can see at present is that the plants will have no drainage beneath them this winter, but with careful watering no serious injury should result.

These rains are causing an unusual growth of weeds, and you must keep your carnations free from them if you want good plants to house next fall; even if you have to pull them by hand it will pay you to do so. Keep the cultivator going after each rain, too, as the ground will bake quickly at this time of the year. A. F. J. Baur.

Cattleya Mendelii, Showing Habit of Plants.

CARNATION SOIL.

Would it be safe to use for carnations next winter the soil in the benches in which roses were grown last winter, and which has been dried out for a month?

L. Z.

Up to a few years ago there were more carnations grown in old rose soil than in any other kind except by those who grew nothing but carnations, and those were few. The carnation does not like fresh sod nor fresh manure, and I suppose that is what led up to the practice of growing them in the soil that had roses growing in it the previous year.

This soil would not be so bad if it were spread out in a pile about a foot high and left exposed to the weather a year or two, but when it is used right over without this exposure it soon becomes sour, and nothing will grow well in it. We have often used it over this way with good results, but if we can get fresh soil without too much trouble we always prefer it to soil that has been used.

If L. Z. has no soil piled up for his carnations, he had better get to work and get some. I would not get a heavy sod, but would prefer it from a field that has been under cultivation up to a year or two ago and on which there is no heavy growth of weeds or sod. Add well rotted manure in the same proportion as with sod and work it over once each month. A. F. J. Baur.

CATTLEYA MENDELII.

In this species we have one of the finest cattleyas known. It is a native of Colombia, though it is regrettable to have to state that it is becoming very scarce in its native home, according to the collectors. It is very variable in coloring, running from pure white to deep pink in the petals and sepals, the lip being large and generally a rich magenta color. There are many beautiful varieties of this species, the pure white form, C. M. Bluntii, being an exquisite thing. Plants such as the one in flower, can be bought at from $2.50 upwards. There is no limit to the "upwards" for there are some splendid clumps in cultivation, if one will pay the price for them.

I know of no cattleya that will respond to intelligent care as will C. Mendelii. It is the freest of growers and we sometimes cut blooms with stems no less than eighteen inches in length. The three plants in the illustration will give the reader an idea of the wonderful vigor of this species when well grown. It is not at all unusual for plants to make two and even three growths in a season and flower on all of them together.

The plants in the illustration are growing on fern root with an annual top dressing of moss, in a house with top and bottom ventilators, which are open night and day in the summer time. This, with ample water supplied during the growing season ensures a well ripened bulb, which will produce wonderful spikes, with four and five flowers to a spike. We have plants that produce annually from 30 to 50 flowers each. But aside from its commercial value this species should be grown by everyone who loves orchids, as it so well repays the grower for his labor.

The flowers will appear from March to July, according as the plants complete their growth in the fall. We always like to keep the temperature well up to 60 degrees nights in the coldest winter weather, and never dry off your plants to any great extent. The present is the best time to repot if the plants need it, that is to say as soon as the flowers are cut and before the young growth is much advanced. C. T.

ROSES.

Seasonable Hints.

During the hot weather newly planted houses should have all the ventilation possible during the day, and should never be closed down tight over night, especially in dry weather. If the leaves show dampness in the morning, that is a sure indication that the ventilation has been deficient. This dampness is caused by condensation of the moisture in the house, and if allowed to continue for any length of time, the foliage will become of a very thin and soft texture,

Cattleya Mendelii.

which with the first application of firing will assume a sickly yellow hue. Foliage of this quality becomes an easy prey to mildew and leaves the plant in such a condition of weak vitality that it is unable to resist any trouble.

Give the plants plenty of water around the ball, syringe twice daily, and keep the paths wet. As a measure of safety the foliage should have a dusting of flowers of sulphur every week.

If thrips or green fly make their appearance fumigating will have to be resorted to. This, to obtain the best results, should be done in the early morning while the glass is cool and the soil in the benches comparatively dry as the smoke will descend lower under these conditions, and remain longer around the foliage. RIBES.

SOME ROSE QUESTIONS.

Please let me know through the REVIEW what is the best to do with Bride and Maid roses that have grown all winter and not bloomed very much?

Also please state how many eyes to leave when cutting back.

We want to fumigate with sulphur. Please let us know what caused mildew. The house has not been damp, yet mildew has been on the plants all winter.

A SUBSCRIBER.

The best thing to do with these roses would be to throw them out and replant with young healthy stock. Plants which have been infested with mildew all winter have been in no condition to make either roots or wood fit to do profitable work if carried over another season.

If to be carried over, all the small wood should be trimmed out and the stronger or flower-bearing wood cut back to the last three fully developed eyes.

Fumigating with sulphur is an operation that should never be attempted by any but an expert, and they seldom have to resort to such heroic measures, prevention being so much better than cure.

The cause of mildew is usually ignorance of the laws of ventilation or carelessness in their application, resulting in the foliage having a flabby texture which makes it susceptible to the attacks of mildew and other pests. Proper ventilation consists of a careful study of the outside temperature and so regulating the inside temperature that there will be no sudden change, as this creates the condition favorable for the germination of mildew spores.

Keep the night temperature as near 58 degrees as the season will allow, and after starting the fires keep a small crack of air on all night as long as the weather will admit, and on all favorable occasions. The temperature on bright days should be 70 or 75 degrees. In the morning the ventilators should be raised a little at a time as the sun gets higher, until noon. In the afternoon, as the sun descends they should be lowered with the same care. By careful attention to these rules the foliage will acquire a firmer texture, which will help them to withstand in a greater degree the attacks of mildew. RIBES.

CHRYSANTHEMUMS.

Shading.

"Should newly planted benches be shaded?" This is a question that often perplexes the beginner in chrysanthemum growing. The answer to such a question is: It all depends. It may sometimes be necessary in the case of a house facing directly south, which would get the full blaze of the sun at midday, and did not happen to have bottom ventilation. In such a house the thermometer runs up out of sight unless one stands there spraying with the hose all day long. It should be remembered that the chrysanthemum is a cool-growing plant, and, in such a case as quoted, particularly if one cannot afford to spend much time syringing, a little lime sprayed over the glass with a syringe will be beneficial. It will wash off in a week or two, but by that time the plants will be well rooted, and will be able to continue in good shape the start they have made.

Any house that is to be used for growing mums in ought to have side or bottom ventilation in addition to the top air, so as to be able to get a current of air either through the plants or under the benches. Speaking generally, chrysanthemums do not need shading after being planted out, the idea being to build up your plant from the first and have it produce stocky, short-jointed wood, which is the kind that gives far the best results. My idea in recommending shading under extreme conditions, is because sometimes young plants in such case get too hard and will not come away as they should.

Cultivating.

Benches after planting should be kept scratched up once a week. This will keep the weeds killed off as they germinate, and allow the water to soak into the bench evenly and thoroughly. Never under any conditions allow the surface of the soil to become green and sour. Do not neglect this work if you happen to be busy, for while mums need lots of water the soil must always be in a sweet condition, unless you are looking for a dose of leaf spot or rust.

Doors and all ventilators should be left open night and day, more particularly nights, as the cool night air will refresh the plants after a hot day.

Syringing.

Spray your plants over several times a day during a hot spell, and not plants alone, but the paths and glass should be wet down. This will keep down the temperature considerably, and prevent red spider and kindred insects from getting a foothold. Care must, of course, be exercised to keep an excess of water off the benches, or they will get in a waterlogged condition. Any man if he wants to, can learn to spray properly.

Fumigation.

Now is the time to get to work and rid your plants of all aphis. Get every black fly killed now, and with an absolutely clean start you can often run the plants all the season till buds form, before again fumigating. We think we get the best results from burning tobacco dust, though of course any form of tobacco will do the business if properly handled.

Buds.

Some of you may be bothered just now by your plants throwing buds instead of going ahead and producing good shoots. V-Morel is probably the worst variety in this respect, though sometimes many varieties will show more or less of the same trouble. The only thing to do is to keep the buds picked off close, and have a little patience. Your plants will get to moving eventually and come out all right. Where a sucker appears the old plant can be cut

right out and let the sucker take its place. There are various reasons for this habit of bud producing in the spring. With some kinds as Morel, it is the nature of the beast. Again it will appear if the plants have been too long in small pots, and get hard and stunted; or too much heat early in their growth will also be sometimes responsible. While the mum is long suffering, once in a while it turns and shows by this method its disapproval of the culture to which it has been subjected.

Brian Boru.

MISCELLANEOUS SEASONABLE HINTS.

Pots.

A general cleaning up will soon occur; a very humble subject and yet one of no little consequence is the care of our empty pots. The market grower sells his plants in pots and has to replenish his stock every year, but many of us sell few plants in pots and we are so much ahead. I don't take great stock in the porous quality of our pots, yet there is no question that all plants thrive better when shifted into new pots and perhaps it is because there is a healthy drying out from the sides. What I want to impress on you is that beneath a bench is the very *worst* place for pots to remain during summer or till you want them again next winter. Put them out of doors. The excuse of my beloved son in the city is that we have not room on an acre lot in the city, but there is always room if space is well utilized. Those that have two or three acres of an orchard attached to their plant establishment and producing only a poor crop of hay should put out all their pots and the wider they spread them so that the sun and rain gets at them the better. Do anything rather than have a moisture-soaked, greasy pot.

Painting.

I don't want to start you into hard work before you have had a week's respite from the hurry and bustle of June, but remember that any repairing of benches or painting inside had better be done as soon as possible. Carnations you begin to plant by middle of July, roses are already being planted and mums should all be in by July 1, so that houses that want a coat of paint inside should be done at once. It looks like a formidable job, but really it is not so overwhelming. Two men can paint a lot of sash bars in a day and the good it does in the way of light is beyond measure. A well painted house is practically a new house and we all know how well plants do, apparently without skillful management, in a brand new house. It is a hot job in June to be looking up at the glass, but that can be overcome by having some sail cloth or some such material on the roof over the painters. I know of nothing better than good linseed oil and white lead, but it turns a yellowish white unless you add a small quantity of blue coloring to it, which will keep it a pure white.

Putty and Mastica.

Putty rots in the houses that are lapped and every other year at least they should get a good coat of white lead. Appearance is most gratifying, but apart from that it is necessary to fill up those leaky places that are sure to occur where putty is used. (Those lucky fellows who butt their glass don't have this worry.) Really shaky glazed old houses that are in bad condition will take too much lead to make them water tight and there is where mastica comes in. It is inexpensive and will fill up cracks and holes. It has a dirty appearance, but answers well to keep out leaks in houses that you are not quite ready to pull down and rebuild.

Style of Houses.

There has been a great change of late in the architecture of many large ranges of houses of recent construction. In fact, quite a revolution, and I hope sincerely it is one in the right direction. With all our boasted intelligence, man—at least the average—very much resembles some of our four-legged animals and does nothing but follow the leader, and are stampeded into any new idea without giving serious thought whether it is logical or not in their own mind. The long span to the south with a high north wall was considered fifteen years ago as the only house that it was possible to produce high class roses in. Then some man with wheels in his head thought that the direct rays of the sun was the only thing necessary and so started the short span to the south house, a crude abemination.

Now the latest and (up to this moment, I believe) the most economically built, the most airy and healthy, and with the greatest diffusion of light, are the blocks of houses with connecting roofs but no partitions. Gutters of various designs, either metal or wood; gutters from six to nine feet high. These houses are always built in our northern states running east or west or better still facing a few points east of south. The benches or beds are on the ground or very near it, and there being no partitions the gutter is the only shade and that you will notice is not continuous on any part of the bench for many minutes at a time. As the sun rises and descends (or rather the earth revolves) the shade of the gutter is not long on one portion of the bench. There is no doubt about the larger expanse of space having a purer and better air, less mildew on roses and a great deal more economical to operate and to heat and a great saving in construction. The houses can be any length and the width from gutter to gutter is from 16 to 25 feet.

This style of houses or block of houses is, of course, only suitable to the use of one kind of plant, because you can keep the temperature under one roof only slightly higher than under another. They are for a block of roses or carnations, mostly roses. Yet when these crops happened to be dispensed with from any cause, what grand houses they must be for lilies, or later any kind of spring bedding plants. Yet it is for roses and carnations that they are especially designed. This radical change in roof construction has brought about a small change in elevation and construction of benches or beds. You will readily see that in the houses with no partitions and high gutters the farther away from the gutters are your beds the more changeable will be the shade.

I have, many years ago, been presumptuous enough to say that the old fogy saying which is still often observed in the English gardening journals, "Keep near the glass," was nothing more than saying "Give them light." If the house is light the plant is as well off sixteen feet from the glass as six inches, but often plants on a shelf near the glass do remarkably well and light is not the only cause; it is the freer circulation of air. In this new style of houses no benches are used, or if so, very low, but I cannot see the utility of building a bench when it is to be used so near the ground. Some growers that make money in large quantities from their rose beds put them right on the ground and even have the ground beneath plowed and manured so that the roses will send their roots down a foot or two. These are truly solid beds and the roses are intended to remain there three or four years.

No doubt roses of good quality can be cut from these beds the year around and we are witness to a block of houses of this kind where roses are cut during winter (Brides and Maids) with stems three to four feet long and command the very highest price in New York City. They are nearly every one what you may call sucker growth. I don't say anything about their color or their keeping qualities, but they have the stem; but with all that I advise no one to go into that style of rose growing. It's peculiar and unique, and the man who is doing it is to be congratulated, for nothing succeeds like success.

But my advice is keep the roots confined in four inches of soil and let there be a space of some kind between the bed and terra firma. If the surface of the house is dry (which it always should be, if not naturally so, then well drained), there is nothing so good for the bottom of the bed as a 4-inch tile placed side by side with a 4-inch brick for the edge or a 2x4 scantling. This tile may appear to you as rather expensive, but it will be found to be less than 50 per cent more than 2-inch plank, and if you reckon in joints and legs for bench, scarcely any more expense. They are almost everlasting, while the wooden benches are continually wearing out, and they give absolute and perfect drainage. If that cannot be afforded, then a 2x6 on the ground across the bench at every four feet, and 6-inch fence boards lengthwise with a ¾-inch space between them, will do very well till you can afford the tile. This is a big subject and I would like to still keep on, but time and space forbid.

I will conclude by saying that while I have the greatest faith in this new style of houses for special purposes, and we all know that flowers are going to be produced in the future in the most

View in Jackson Park, Chicago.

expansive and wholesale methods, that if only one or two houses can be built, say for carnations, it is almost an impossibility to improve on the equal span, detached houses, some 27 or 28 feet wide, with four or five 5-ft. benches, with north and south side glass, such as you see at the establishments of Messrs. Dailledouze Bros. or C. W. Ward, and doubtless many others. Still I have seen enough of this connecting, equal span, no partition, high gutter style of houses to convince me that for roses or any other plant where quantity enough is grown to require all the same conditions, to feel sure they are the coming, up-to-date thing.

William Scott.

SUMMER BLOOMING ROSES.

Commenting on the interesting article in the Review on "The Future," C. T. Says: "Really good American Beauty roses would be worth more in July and August than they are at present in January, but how to get them, 'ah, there's the rub'". Is that a fact? If so, it is news to me. I had no idea that any such price could be obtained in midsummer for roses, whatever their quality. We, who live in small provincial towns, are told that in the large Eastern cities there is little demand during July, August and September for any kind of flowers. The flower-buying people are on the ocean, or at the coronation, or paddling in the surf, or inhaling the hemlock and spruce's spicy breezes that blow over the mountain tops of the Adirondacks or Catskills or Appalachians, and in cities like Baltimore and Cincinnati, where only a few can afford to summer away from home the would-be fashionable, who would like to get away but can't, pulls down the blinds, locks the front door and retires to the rear of the house for two months, and if a friend makes a call he is told by the hired girl that the family will return end of September.

This may be slightly overdrawn and not faithfully carried out in detail, but it is nevertheless founded on facts. In rural cool retreats like Buffalo, where people live in their homes all the year around, we expect and do get a steady demand for flowers every month in the year, but not in such quantities or at the prices we get in winter. Yet there is always a scarcity of good, clean roses from middle of June until the cut begins from indoors again in October, except perhaps for white, and the beautiful Kaiserin fills the bill for that.

Now, I am not going to spring anything new on "C. T.," for I have written about and even illustrated my attempt at producing American Beauty in July. It may be next to impossible and most likely very unprofitable to produce high class flowers on 6-foot stems in July, but to have an abundance of clean, fine flowers on stems 18 inches to 3 feet from middle of June to end of September is not at all difficult. There is no question about its being a profitable summer crop, that I know all about, four times as profitable as chrysanthemums, and you have something left after the summer crop is gone.

It was about seven or eight years ago that a small dose of inspiration struck us. I am not much of a believer in the orthodox brand of inspiration, but occasionally a small group of the "wigglers" that compose the grey matter of our brain will get an extra kick on them and the result is a new idea, sometimes it's called a bright idea, but that depends on results. This particular kick resulted as follows:

A bench, 100x7 had grown a crop of mums the previous summer. When cut the soil was left in and lilies stood on it, but each pot had a piece of tar paper under it to keep out worms and the soil of the bed did not get very wet and sticky. Easter that spring was on March 25th, and a few days before Easter this idea occurred to me: If the soil was well manured and it was in good condition, why not plant it with American Beauty roses just for summer culture? They were planted April 1st from 4-inch pots, very strong, healthy young plants that had been once stopped, propagated the previous January. We began to cut on June 1st and by July 1st were cutting large quantities. I remember one Sunday morning in the middle of July the cut at 5 A. M. was 150, and 50 more during the day. Of course they came in crops, but we got roses in abundance from June 1st until they were dried off in October. During June, July and August we retailed them at $3.00 per dozen and at that price they were the best crop we ever grew.

The plants were lifted and potted end of October, put into a cold frame until middle of January and then forced for Easter and made the best pot roses we ever had. You will say "Why don't you do it every year?" Because I have not given it personal attention.

William Scott.

THE NURSERYMEN.

Over two hundred members of the American Association of Nurserymen were present when the convention was called to order in the Plankinton House, Milwaukee, on Wednesday last week, by President R. C. Berckmans. Mayor Rose delivered a characteristic address of welcome, which was responded to by N. H. Albaugh of Phoneton, O. President Berckmans then delivered his annual address. He advocated the establishment of a large number of schools for nurserymen in the country. "We need such schools for those who help in the nursery business," said he. "There is no doubt that a graduate of such a school will go into the business and grasp the new details with the utmost ease, where an uneducated employe would have great difficulty. One large nursery house in Philadelphia now has such a school for its employes, and I should like to see others adopt the plan generally."

Prof. L. H. Bailey delivered an address to the association. He is a strong advocate of the establishment of a

bureau of publicity in connection with the association and in his address spoke in favor of it.

"In this way," said he, "the public will be kept informed of new fruit regions, new gardens and growing interests in country life. It will create a public interest and lead to better planting. Another improvement that I would suggest is better catalogues. The effect of fine colored plates cannot be over estimated. The evolution of nurserymen and the importance of their business has taken place in the past fifty years, but the future will see greater importance attached to it. I look for greater specialization in the nursery business of the future taking the place of the attempt to raise everything, which has been a drawback to so many of our nurserymen."

Secretary G. C. Seager's annual report showed that he had received and disbursed during the year the sum of $1,459. Treasurer G. L. Yates made his annual report. At the beginning of the year he had on hand $2,232 and the receipts had exceeded the disbursements by $484.94, making the sum on hand $2,717.

The following were selected as State vice-presidents by the members in attendance:

Alabama—W. F. Heikes, Huntsville.
Connecticut—J. H. Hale, South Glastonbury.
Delaware—Alexander Pullen, Milford.
Illinois—Irving E. Spaulding, Spaulding.
Indiana—E. Albertson, Bridgeport.
Iowa—Samuel Lorton, Davenport.
Kansas—A. C. Griesa, Lawrence.
Kentucky—F. N. Downer, Bowling Green.
Indian Territory and Oklahoma Territory—J. A. Taylor, Winwood, I. T.
Maryland—C. M. Peters, Snow Hill.
Massachusetts—J. W. Manning, Reading.
Michigan—Charles E. Greening, Monroe.
Minnesota—E. A. Smith.
Missouri—J. W. Schnette, St. Louis.
Nebraska—H. W. Marshall, Arlington.
New Hampshire—J. C. Chase, Derry.
South Dakota—George H. Whiting, Yankton.
New Jersey—Hiram T. Jones, Elizabeth.
New York—H. E. Henry, Geneva.
North Carolina—J. Can Lindley, Pomona.
Ohio—J. W. Gaines, Xenia.
Pennsylvania—Earle Peters, Uriah.
Tennessee—N. W. Hale, Knoxville.
Texas—E. W. Kirkpatrick, McKinney.
Virginia— R. A. Wickersham, Winchester.
Wisconsin—Theo. J. Ferguson, Milwaukee.

At the second day's session the following resolutions were unanimously adopted:

Having suffered from the increasing numbers of insect pests and plant diseases, whose ravages already cost the fruit-growing and nursery interests of the country untold and yearly increasing millions, and believing that federal quarantine regulations restricting the free transportation of infected fruits and plants in interstate and foreign commerce, offer the only effective means of hindering the spread of such destructive pests and diseases, therefore,

We, the American Association of Nurserymen, in annual convention assembled, hereby resolve:

First—We believe that a well-guarded federal (quarantine) law regulating both foreign and interstate commerce in fruits and plants offers our greatest hope of relief.

Second—We favor the passage of house bill No. 10,999 now pending in the house of representatives, and ask our representatives and senators to favor its prompt enactment into law, without amendment.

Third—The secretary of this association is hereby authorized and directed to promptly transmit an official copy of these resolutions to each representative and senator in congress now in session at Washington.

The bill appropriates $50,000 for the payment of experts to be appointed in every state and territory to examine all nursery stock to be transported from one state or territory to another. Nursery goods from foreign countries will be inspected at the port of entry at the expense of the importer. The Secretary of Agriculture is authorized to quarantine importations of nursery stock or fruit. The bill provides other rules and regulations governing the importation of trees, plants, shrubs, vines, grafts, cuttings and buds and fruits, as well as for their inspection when they become subjects of interstate commerce or exportation.

The report of the board of vice-presidents was presented and adopted unanimously. The report selected Detroit as the convention city next year. The following officers were elected:

President—Charles J. Ilgenfritz, Monroe, Mich.
Vice-President—E. S. Lake, Shenandoah, Ia.
Secretary—George C. Seager, Rochester, N. Y.
Treasurer—C. L. Yates, Rochester, N. Y.
Executive Committee — Peter Youngers, Geneva, Neb.; N. W. Hale, Knoxville, Tenn.; William Pitkin, Rochester, N. Y.

N. H. Albaugh of Phoneton, O., made the first address, a characteristically humorous effort. "There is a tendency," said he, "in the public mind to doubt the veracity of members of our profession; but let me tell you there is no body of men who strive to subserve the truth so notably as nurserymen. Even our friends, the entomological buggers, seem to want to hammer us as much as they can. They won't allow a nurseryman or planter to devise a remedy for any bug in the United States, not even humbug. They want to do it all themselves. They invent new insect pests and manufacture new diseases that we never heard of. In this way they play it on us, as Bret Harte said in his 'Heathen Chinee,' 'in a way I despise.'

A paper on "The Nursery Interests at the St. Louis World's Fair" was read by Professor Frederick W. Taylor, the head of the horticultural and agricultural exhibits there. He made many suggestions as to the effective grouping and display of nursery stock at the exposition.

The Friday morning session closed the convention. The session opened with the reading of a paper by A. Willis of Ottawa, Kan., on "The Responsibilities of a Nurseryman to the Community in Which He Lives." He took the ground that it was the duty of a nurseryman to strive to make the place of his residence beautiful and to encourage and aid his neighbors in the same line.

The importance of combating the San Jose scale was discussed, and E. W. Kirkpatrick of McKinney, Tex., took the ground that while vigilance was essential to exterminating the pest, continual talk on the subject did great harm by frightening people who intended to go into planting and fruit raising. He thought university professors talked too much in that particular line. A. L. Brooke of Kansas agreed with him.

A paper by A. L. Brooke, containing recommendations for the good of the association, will be published in the official report.

A resolution was adopted thanking the Citizens' Business league and its representative, R. B. Watrous; the delegates' brother nurseryman, T. J. Ferguson; the Plankinton house management and the daily press.

Just before adjournment President Ilgenfritz announced the standing committees for the ensuing year, as follows:

Transportation—Charles J. Ilgenfritz, ex-officio; A. L. Brooke, North Topeka, Kan.; William Pitkin, Rochester, N. Y.; Peter Youngers, Geneva, Neb.; N. W. Hale, Knoxville, Tenn.

Tariff—Irving Rouse, Rochester, N. Y.; T. B. Meehan, Germantown, Pa.; J. H. Dayton, Painesville, O.

Legislation—C. L. Watrous, Des Moines, Ia.; Silas Wilson, Atlantic, Ia.; Charles J. Brown, Rochester, N. Y.; Howard A. Chase, Philadelphia, Pa.

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NEW YORK.

It is generally conceded that the business season is almost over, and the majority of the wholesalers declare that the spring was a poor one for them. They claim that the retailers have had the best of the season, almost dictating as to the prices they paid. Just now the man who speaks about business is not taken seriously. Vacations are more to the point. European trips are contemplated by some of the Broadway florists, and it is expected by one or two in the wholesale district, while others will use automobiles and the fishing rod.

The plant market at Laurel and West streets is demoralized. No one attends there at present but peddlers, who get the plants at starvation prices. The plant auctions are in a similar condition, the prices scarcely paying for pots or baskets.

The majority of the seed houses close at 1 p. m. Saturday, and pity it is that there is not a unanimity in this matter also among the wholesale florists, and, for all that, it might be extended to the retailers, at least in a way, to relieve the dreary monotony.

Prices are what you wish to make them, but as usual good stock will be scarce next month.

Alex Burns is out today celebrating the twenty-eighth anniversary of his wedding.

Dr. D. Y. MacDougal delivered a very interesting illustrated lecture on the vegetation of American deserts at the Botanical Gardens June 14.

The florists who have branch stores at Newport report a splendid plant season so far, and the future cut flower prospects look very bright.

F. R. Pierson's new fern is in splendid condition and is sure to be in great demand when sent out next season. Mr. Pierson will devote several houses to its culture. It is a mighty good thing.

J. I. D.

Bowling.

At the regular meeting of the New York Bowling Club, Monday evening, June 16, the report of the treasurer was very satisfactory, showing a good membership and encouraging surplus. Arrangements were made for regular practice by the team on different alleys during the remainder of the summer. The scores during the evening were:

Lang	121	177	158	169	135
Burns	124	140	140	166	120
Thielmann	145	110	154	161	139
O'Mara	109	98	134	187	165
Siebrecht	113	121	132	122	125
Traendly	143	140	188	106	1 7
Sorby	161	102	140	120	...
Shaw	154	167	131	109	119

AUSTIN.

BOSTON.

The Market.

Plenty of everything except, perhaps, first-class roses, which have at times seemed a bit inclined to be scarce. There may also be a little lull in certain kinds of cheap material that have been coming irregularly, this being a sort of "between indoors and outdoors" season. One reason for scarcity of roses is the fact that quite a little mildew is prevalent among about half the growers.

Weddings and school graduations help to keep up a fair run of custom.

For some reason or other there have not been so many gladioli this spring

as usual, and up to this date not half so many paeonies, although there have been as many of each as could comfortably be marketed.

Not so many growers as usual have thrown out their plants immediately after Memorial Day, which, of course, helps much in keeping up the supply of poorer grades of goods. Small white flowers for filling funeral designs are not so scarce.

Notes.

An item that particularly interests rose growers Wilson and R. Montgomery is the street railway connecting Wellesley Hills and Worcester, making a continuous route from Boston to Worcester. It brings their places into the pale of civilization.

A deadlock is reported between Penn and the builder who wants to tear down his old store on Chapman place. Penn asks $2,000 for his rights in the premises and the builder offers less than half that amount, and seems to be inclined to build on a small scale at present rather than submit. And the old buildings taken down upon that fraction of the premises were curiosities in the way of complex architecture. They were among some of the oldest now standing in the city, and the wonder is that they stood as long as they did. J. S. MANTER.

PHILADELPHIA.

The Market.

Business is falling off in the stores although there are still some good orders. Commencement flowers appear less popular than in the past. Shipping trade is still fair, on some days excellent. The quality of flowers coming in is poorer, especially in Brides and Maids. A great many sleepy carnations also appear; one lot received in the morning elicited an offer of 25 cents per 100 from a fakir, which was declined. They went to sleep the same night and did not awaken. Despite these drawbacks there is still a goodly array of really nice flowers which bring satisfactory prices.

Beauties and valley are in good supply and sell freely; select, long-stemmed flowers of the former bring from $1.50 to $2.50, and a few $3 per dozen. One dealer who receives great quantities of this rose was even obliged to buy to fill his orders this week. Valley brings from $3 to $5 per 100 and is very fine. S. S. Pennock received 6,000 Monday, the bulk of it being quickly moved. He is also handling a few cattleyas, which bring 50 cents each.

Tea roses range from $3 to $5 per 100 for the best; a very few bring higher prices. Carnations range from $1.50 per 100 downward for good ordinary stock; $10 per 1000 will sometimes buy a very fair grade. Sweet peas are very plentiful, except when it rains, and can be had at low prices, say from 25 to 50 cents per 100. Double petunias are fair sellers at about 50 cents per 100. Smilax is plentiful; 12½ cents is about the price.

Hillside.

June is the least desirable month of the twelve in which to visit the rose growers. First, because at that season there is little to see, and second, because then you are fearfully pushed yourself. But when you are out for information you must make hay while the sun shines, id est, go when you get the chance. So on a hot afternoon a few days ago a couple of florists journeyed to Hillside, a little station some ten miles out of town, where amidst the peace and quiet of the country dwells the redoubtable Adolph Fahrenwald. Now why, you ask, did we want to see Mr. Fahrenwald, when his houses were not yet in shape? Well, you see, I was out for information and I wanted it from the man who a few years ago was a small grower, "even as you and I," while to-day tho leading commission men of two great cities vie with each other for the honor of distributing his product.

Mr. Fahrenwald was at home and received us cordially. After a little discussion on the 17-year locust, illustrated, he showed us his houses and boilers. There are six houses, each 150 feet long, three of which will be devoted to Liberty and three to Beauty. So skillfully have they been handled that the quantity of high grade stock produced and returns yielded stand as records in the former rose if not in the latter. Now for the ideas—Mr. Fahrenwald believes Philadelphia ought to have a cut-flower market, where supply and demand would regulate prices. He believes that the stock should be sold out clean every morning for as much as it will bring, and handling, so expensive and ruinous to the flowers, be avoided as far as possible. The growers should carefully grade their own stock and then it should be sold right out of the supply boxes in the market or commission house.

Notes.

J. L. Dillon, of Bloomsburg, has been sending out some very fine young roses, both on their own roots and grafted. His varieties extend considerably beyond the big four.

J. Henry Bartram, of Lansdowne, is erecting two new rose houses, 26 feet wide, and a narrow propagating house.

F. W. Whiteley, of Lansdowne, has had a very satisfactory season. He will discard tea roses and plant his five houses entirely in American Beauties, 5,000 plants being used. The output is divided between Leo Niessen and Edward Reid.

Edward Towell, of Welldon, has had some fine roses this spring. Several houses are already replanted; a house of Liberty is still in good shape.

R. G. Palmer, of Doylestown, the well known expert grower of Brides and Maids, will be married this month.

John Westcott entertained a score of friends at his club house at Barnegat, last Saturday and Sunday. The fishing season had hardly opened yet but the sailing was glorious.

Edward Reid received an order for five large boxes of flowers from the south too late to reach its destination in time by ordinary means. He promptly packed the stuff, boarded a train for Baltimore, and delivered the shipment in person on board the boat, thus insuring its prompt delivery within specified time. His customer was greatly pleased.

Samuel S. Pennock believes that the interests of both buyers and sellers of cut flowers will be greatly advanced when the system of peddling is abolished. Too many flowers are injured, even ruined, by the grading and regrading and packing and handling and repacking, which this system entails. The probable effect, Mr. Pennock thinks, would be better stock (less bruising) and greater satisfaction, as the market conditions would be more easily judged. Mr. Pennock is not opposed to a co-operative market run by the growers who now peddle their stock, but thinks well of such a plan and says he would make a point of being represented there. He feels that such a market would facilitate business and become an aid rather than a rival of the commission houses.

The Pennsylvania Horticultural Society held its June meeting on Tuesday. Sweet peas were a prominent feature. The society's professor of entomology talked about the 17-year locust.

A game of baseball, Growers versus Pennocks, is on the schedule.

PHIL.

CHICAGO.

The Market.

Market conditions have changed but little from last week. Shipping demand holds up well and the greatest difficulty is to find sufficient stock of shipping grade. The quality of all stock is still depreciating and the great bulk of it is poor indeed. There are practically no good roses of any kind, and Beauties are especially scarce. In tea roses the best are so poor that they would be classed as about No. 5 in the winter time. These are quoted at $5 and $6 with an occasional few good enough to reach $7. The great bulk go at $2 to $3 and from that down.

Carnations also show the effects of the continued weather changes and really good flowers are almost unobtainable. The best are quoted at $1 to $2 and the poorer qualities are jobbed off at any old price, especially in color, whites holding up best in demand and price.

Pæonies are a big help now, and the quality averages very good, the later varieties seeming to have kept better in cold storage than the earlier ones.

There are more good longiflorum lilies in the market than ever before at the season and they are selling well. We noted a few auratum at Kennicott Bros. Co.'s.

Gladioli are beginning to appear in the market, but few seem to want them and they move slowly.

Sweet peas are arriving in quantity but do not move as well as they should.

Another week will finish the school closings and then we may look for summer dullness of a high carat.

Various Items.

C. M. Dickinson, manager of E. H. Hunt's, is sojourning in the east.

Walter Kreitling & Co. have the decorations for the annual opening of the Washington Park Club prior to the Derby.

James Underwood, supt. of Franklin Park and a member of the firm of Underwood Bros., Columbus, O., was a visitor this week.

Louis Klemm, of Hammond, reports serious loss on account of standing water. Many of his frames are still under water.

The weather changes continue. When you start out in the morning in a straw hat and a summer suit you may need a fur cap and an overcoat before you return. And rain! Never before within the memory of the writer have we had so much rain. The ground is saturated to the limit and any further rain would do

serious injury. In some sections the damage is already heavy.

At Lincoln Park many of the pœony buds failed to open. Evidently the weather changes were too much for them. The grass and trees were, however, never finer. The bedding out is completed. New features are beds of palms and crotons and beds of Pandanus Veitchii and crotons. Both combinations are very effective.

D. F. Simonds, of Olive St., supplied a large number of hanging baskets and palms for decorating the grand stand at the Washington Park track.

Derby day is at hand and a little extra demand for flowers is looked for at that time.

Mrs. P. J. Hauswirth is still improving but is yet far from enjoying her usual health.

Though J. A. Budlong has already put up 45,000 feet of new glass this season, he has decided to erect 30,000 feet more, the latest addition to be devoted largely to carnations.

BUFFALO.

A very showery time of late has been bad for outside work, yet grand for the carnations, asters and other things in the ground, and I don't suppose it has stopped any body from getting married. There seems to have been an unusual number of thoughtless people taking the fatal step this spring, but very few of them among the prominent people, so the flutter they cause in the floral world is small.

Trade all round has been very good, although just now dropping to rather quiet. Graduations and commencements are yet to come and after that the midsummer quiet will be here. The plant trade has been good, although not a great increase over other years, and there were more to do it this year. There was an immense quantity of really high class bedding plants raised here this spring. The market was the great distributing medium. Schwert & Berner, of Chicktawaga, and C. F. Christensen, of North Main street, have been sending in car loads of fine geraniums, cannas, coleus and other useful and well-grown stuff.

The vase business for our principal cemetery, as well as many other cemeteries, has been as good as ever, with a naturally increased demand. Vases in this city have to be well filled. The standard was set high some years ago and others have to follow suit. It is doubtful if there is much margin of profit. If we did not receive fair pay for care and watering it would not be worth doing. Perhaps another consideration in vase and veranda box filling is that in the majority of cases you use what you have and clean up your stock. If you had to fill with just what they ordered it would never do.

I notice that our Dan B. Long has been honored with the duty of getting up a souvenir for the Ashville convention. Mr. L. and Mr. Deake make a good team and no doubt a beautiful little book will be the result of their efforts.

Mr. A. Ringier, of Chicago, was here a few days ago. Same rugged-looking, ferocious man, and the same old subject on top.

Our club is in a slumbering state at present, but that is not the fault of the officers. Everybody is too busy and those that are not are too indifferent. We will get a move on by August. W. S.

TARRYTOWN, N. Y.

The free rose and strawberry exhibition given by the Tarrytown Horticultural Society in the Lyceum Monday afternoon and evening, June 16, was a great success, considering the difficulties that come with a fickle season. No doubt a better display could have been made a week earlier, but it is next to the impossible to predict when outdoor flowers or fruit are to be at their best. Unfortunately the rain came down in merciless streams during the evening and prevented many from attending. We have nothing but the very highest praise for the efforts of this young and vigorous society. This exhibition, while not what might be expected in a locality boasting of more wealthy residents than any other in the world, yet even were it smaller it shows the good intent, and we are pleased to state it was the best summer show, and almost the only one, given in or about New York this year. All honor to the men who thus keep the best that is in horticulture before the public eye. In the name of the REVIEW we offer our congratulations and earnest support in future efforts.

There were fourteen classes, and the prizes consisted of valuable useful articles. For best 3 quarts of strawberries, 3 varieties, Geo. Middleton won first with grand dishes of Sharpless, Marshall and Henry. Honorable mention was given to Wm. Scott for his Gandy, Brandywine and Marshall. Francis Gibson, Thos. Cockburn and Jacob Knodel also exhibited in this class, showing Glen Mary and Nick Ohmer in addition to the varieties named. For the best one quart of strawberries, "Sharpless," Francis Gibson was first, with splendid exhibits from Thos. A. Lee, Geo. Middleton, Wm. Hartnett, W. H. Waite and Jacob Knodel.

For best quart of any other variety first prize went to Wm. Scott for Glen Mary. Honorable mention went to Geo. Middleton for Brandywine. The above named also competed, Cumberland Triumph being the only variety added. John Humphrey got honorable mention for display of Alpine strawberries, and Francis the same for an excellent brace of cucumber Duke of Edinburgh. All the strawberries shown were of excellent color and size. The flavor we are unable to write about.

David MacFarlane won first for the best collection of outdoor roses, with about 90 vases in as many varieties. They were a remarkably fine lot, among them being many too seldom seen around New York. Mr. MacFarlane also won firsts for best vase of roses, 12 Margaret Dicksons (they were the best we ever saw); for 3 varieties, 6 of each, with Magna Charta, Margaret Dickson and Mrs. John Laing; and for 6 varieties, 6 of each, with the above sorts and Baroness Rothschild, Jacqueminot and Belle Siebrecht. Mr. MacFarlane made a clean sweep in all the rose classes he entered, and his blooms were very fine. Wm. Scott, W. H. Waite and L. A. Martin received honorable mention for their very creditable exhibits in above class, and Howard Nicols was awarded a certificate for his 50 fine vases of as many varieties of garden roses.

F. R. Pierson Co. were awarded first prize for a remarkably fine collection of hardy climbing roses, all the well known and some also too little known. Ramblers were shown to splendid advantage. Dorothy Perkins, Snowball, Meg Merrilles and Psyche were particularly fine. All the roses were good. Among the newer element that stood out prominently were Jubilee and Mrs. R. Sherman Crawford.

The exhibits of flowering shrubs were notable; first prize went to L. A. Martin for 50 vases, among which Styrax japonica was fine. Certificate of merit to F. R. Pierson Co. for a splendid lot with Syringa Pekinensis pendula, a leader. Honorable mentions to Geo. Middleton and Thos. Cockburn for their fine displays. First for paeonies went to W. Hartnett, and for 30 vases of showy herbaceous flowers Wm. Scott won first. Thos. Cockburn set up several large vases of foxgloves.

The vegetables shown were very good for the time of the year. David MacFarlane, Wm. Scott, W. Hartnett, Abel Weeks, Francis Gibson, Thos. A. Lee, were each deserving of the prize. Jacob Knodel was awarded a certificate for peas. L. A. Martin won first for sweet peas, David MacFarlane a certificate for gooseberry, Hyle's Golden Prolific, and Geo. Middleton certificates for melons, Royal Favorite, and grapes, Black Hamburg.

W. H. Harvey and W. C. McGowan were the judges. Another year it is possible that the summer show of the society will be held alternately in the large towns of Westchester county.

J. I. DONLAN.

CINCINNATI.

The Market.

The past week was the hottest of the season, the thermometer registering 96 degrees in the shade, making it mighty uncomfortable working under glass. Business started in very much as if our usual summer dullness had arrived, but later on trade picked up and Saturday saw the market cleaned out very nicely.

The hot weather is making itself felt in the quality of stock coming in. Roses are smaller, if possible, and pop right open in the ice box, and a good carnation is a thing of the past. Lawson is about the best to be had and sells at sight. America has been doing nicely also. Great quantities of Marquis are to be had and are really first-class, but that sleepy appearance knocks it out, as you cannot convince the average buyer that it really is not going to sleep. Some very good Daybreak and Scott are coming in from the lake regions and they are better than the fancies grown farther south.

Some of the best roses to be had are coming from the Lakeview Rose Gardens, Jamestown, N. Y., and for the season of the year the stock is fine. It meets a ready demand also and brings the top price in this market.

Large quantities of Candidum lilies were on the market and in some cases sold at ridiculously low figures. Those that were first on the scene brought from 2 to 3½ cents per stalk. They are about over now.

Some fine Longiflorum lilies are to be had and there is a good demand for them at 8 to 10 cents per bloom. More could be sold.

Meeting of the Florists' Society.

Saturday the annual meeting of the Cincinnati Florists' Society was held and the following were elected officers for the ensuing year: Wm. Murphy, president; William Schuman, vice-president; F. W. Ball, secretary; Ben George, treasurer; George Murphy, director. The newly elected board immediately took possession of their respective offices. The annual outing was the main topic under discussion, and a committee was appointed to select a suitable place to hold it.

Notes.

Fred Heckman, son of A. C. Heckman, of Covington, Ky., died suddenly at his home on Saturday last.

Theo. Bock was a caller and all his friends were glad to see him, as it has been a long time since he has been here.

Wednesday, June 18, is the date set for the wedding of Miss Sophie Thullen and Geo. E. Tromey. They will take a wedding trip through the east, visiting New York, Washington, Atlantic City, etc., being away two weeks or more. Mr. Tromey, better known as "Spunk," is Fred Gear's right-hand man.

Mr. T. J. Conger, Hartwell, Ohio, lost considerable glass during the hail storm last Sunday evening. He carries insurance in the Florists' Hail Association, so is well secured.

C. J. OHMER.

ST. LOUIS.

The Market.

The past week was a very busy one for St. Louis florists. Nearly everybody was busy with some kind of work, mostly school commencements and weddings, but from now on the demand for flowers from this source may be considered over for this season. We would have had still more to do had it not been that flowers were not allowed at the exercises in the schools, and something ought to be done to overcome this one bad feature which hurts our business very much.

Second quality stock of all kinds was quite plentiful, but in first-class stock the market was weak. The only first-class stock in the market was fine sweet peas and a few carnations. Of these not nearly enough came in to go around. Saturday, some excellent valley was seen in the wholesale houses. Capes and pæonies are out of the market and about the only flowers that can be had now are roses, carnations, sweet peas and valley.

Prices on stock runs much the same as in my last report, only that first-class stock has advanced somewhat. Firsts in roses went as high as $6 and as low as $1 per 100. Carnations did not go over $2 and from that down to 50 cents per 100. These are becoming very scarce and feel the effects of the hot weather we have had. The past week sweet peas were a great glut and the bulk of them were very fine. These are sold very cheap, as low as 50 cents per 1,000 in 5,000 lots. By the single hundred the best brought 25c with the demand good. Valley is very fine and calls for $3 and $4 per 100 with a fair demand. There is plenty of smilax in the market which sells well at 15 cents per string. Hardy ferns and Asparagus Sprengeri were also in good demand the past week.

Notes.

Frank Weber, of Weber & Sons, nurserymen, at Gardenville, is back from Milwaukee, where he attended the annual convention of nurserymen last week. Frank is well pleased with his trip and the way the Milwaukee brothers entertained them.

Ellison & Tesson are now in their new place at Seventh and Locust streets and report a good trade the past week.

A thief ran away with the horse and buggy belonging to Henry Berning last Monday. The horse and the buggy have been recovered, but the harness is still missing.

A visit to the Grand avenue florists Wednesday evening found them all tired out after a very busy day's work. Geo. Waldbart says "Trade is very satisfactory this week, all we can possibly do." Mary and George Ostertag, a few doors down, have their hands full of school work and decorations. Mrs. Ayers reports a very busy week with schools, weddings and funeral work. Charles Schoenele, formerly on Washington avenue, is now with Mrs. Ayers and he and Will Adels have their hands full.

The employes of R. F. Tesson have organized a base ball team and say they will play any team of florists at the annual picnic next month. Here's a chance for the C. Young & Sons Co.'s base ball team.

At the Charleston Exposition, which closed June 1st, the medals for Missouri were as follows: 49 gold, 30 silver, 27 bronze and 37 honorable mention, making a total of 143. 58 of these are for horticultural exhibits. These with the Buffalo awards, which were 311, make a grand total of 454. Secretary Bell says that these will all be on exhibition at our World's Fair in 1904.

R. F. Tesson has been quite sick the past week, being unable to leave his room, but from reports today is mending and will be able to attend business by the end of this week.

Bowling.

The fine, cool evening failed to draw a large attendance, and only seven of the regulars were present. The following scores were made:

	H	1	2	3	Total.
F. C. Weber	35	140	180	186	508
C. A. Kuehn	6	168	157	166	491
F. M. Ellis	35	153	157	168	478
A. Meyer	15	168	115	181	464
J. J. Beneke	10	127	180	146	453
A. Y. Ellison	0	161	143	145	449
Theo. Miller	30	156	130	142	428

J. J. B.

BUSINESS METHODS FOR BUSY FLORISTS.

VI.

Collections and Correspondence.

These are two very important branches of the florists' business and ones which are so apt to be neglected and overlooked.

No matter what your skill as a grower may be or how successful a salesman you are, or how large your volume of business is, your profits, the real, tangible surplus of coin at the end of the season, will be measured by your ability as a credit man and collector. I make this rather broad assertion on the assumption that not more than one in a hundred does a cash business. If you are that one you need no advice on collections.

Whenever credit is extended it should be after being fully assured that the account will be paid. If you are doing a small local business you will most likely know all your customers personally and have a good idea of their paying propensities. If your business is largely shipping you should subscribe for the commercial agency rating books or try some of the trade collection agency reports. Never sell any one on credit unless you feel confident he can pay. Your losses will be heavy enough on those whom you feel certain are honest without running any risk on poor or doubtful ones.

But having judiciously extended credit you should exercise the greatest care and diligence in collecting. When an account is due ask for payment of it. If collection cannot be made then ascertain when it can be; get a promise and after you get it be persistent until the promise is fulfilled. It is the following up of promises that brings success in making collections. Remember that "eternal vigilance" is always the price of success, and this is emphatically so in the collection business.

Many customers will have some excuse for not paying when their bill is due and presented. Be polite and courteous when collecting the same as when selling the goods and you will hold your trade even though you are persistent in making collections. If your collections are outside your town use the same or greater vigilance in following up the account until it is finally disposed of. Avoid law suits as you would poison. They consume time and money and in the end the profits are always found in the hands of the attorneys. Except in rare instances and for large amounts never resort to the courts to make collections. The writer has in mind a large concern whose business amounts to millions yearly, much of it on credit, who has never yet sued a creditor. Perseverance, tact and systematically keeping after them will work wonders, where the law would accomplish nothing. In a word be careful and systematic in extending credit, and persistent in making collections and your losses will be lighter than if you resort to more stringent measures.

Your correspondence should also be received, answered and filed away in a systematic manner. If your trade is local your correspondence will be light. If your business is mostly shipping your correspondence will be heavier. But whatever its volume or nature, take care of it at once and answer it promptly and intelligently. A nice neat, well-worded, courteous type written letter will oftentimes make a sale where a personal interview would not. A good salesman can sell goods by correspondence as well as orally. It requires tact, a thorough knowledge of the goods and plain, convincing language to sell your goods by mail. Answer all inquiries promptly and intelligently and follow them up in a week or ten days with another letter if your first does not sell the goods.

Employ a stenographer as soon as the volume of your business will warrant the expense. A neat type-written letter is always plainer and more business-like than a pen-written one, especially if written by a florist after a hard day potting or planting. If you can secure a stenographer who is also a bookkeeper, so much the better.

SAMUEL S. PENNOCK, Wholesale Florist.

SELECT VALLEY.....

1612 Ludlow St. PHILADELPHIA, PA.

Open 7:30 A. M. to 8 P. M. Long Distance Telephone.

Mention The Review when you write.

Secure neat printed or lithographed letter heads and envelopes. If your local printer can't do a neat job send away and obtain them. Appearances in any business have a great influence on results. This is especially true of the florist business, in which God's loveliest productions are reared and sold. Keep an impression book and letter press and copy all your correspondence. Index it daily and it will always be a handy reference book to all your correspondence. File all the letters you receive in a systematic manner so that you can turn to any desired letter instantly. Practice neatness in your office and in all the details of your business. It costs no more than slovenness and wins you many dollars in trade in the course of a year.

Many of the smaller florists will not agree with me as to the importance of these minor details of the business. They are just as important as a thorough knowledge of growing, or in fact more so, and any one who supposes for a moment that a business can be successfully conducted without strict attention to details, is lacking in the elements for complete success, no matter what line of business he may embark in.

SYSTEM.

SEED IMPORTS.

The treasury department at Washington has issued the following circular to collectors and other chief officers of the customs, under date of June 4, 1902:

At the instance of the Secretary of Agriculture, it is hereby directed that, commencng July 1, 1902, and continuing for six months, 2-ounce samples of all importatons of 100 pounds or more of grass, clover and forage-plant seeds be prepared at the earliest practicable date after entry, and forwarded to the Seed Laboratory, Department of Agriculture, Washington, D. C., labeled with names and addresses of consignors and consignees, name of seed as given in the invoice, and quantity of the consignment.

HOLYOKE, MASS.

E. H. Howland, who has been doing business at 64 Dwight street for the past twenty years, has sold his store to his former clerk, Miss Nolen. Mr. Howland will continue his greenhouse plant, growing extensively for the wholesale trade.

Joseph Beach, of South Hadley Falls, is about to erect a new carnation house 30x100. INO.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plaut advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Young man with two or three years' experience in general greenhouse work and gardening; must be strictly sober; wages $20.00 for first three months, after that $25.00 if satisfaction is given; steady situation. C. L. Van Meter, Monticello, Iowa.

WANTED—At once—florist, one who is handy in design, decorating and general greenhouse work; must be sober, honest and willing to work; a steady place; state wages. W. H. Humfeld, 9th and Highland, Kansas City, Mo.

WANTED—To rent with privilege of buying, a medium size place in good condition; Illinois, Iowa, Indiana or Michigan. Address 50, care Florists' Review.

WANTED—Competent grower to take charge of range of roses, mostly Beauties; give reference and state wages J. F. Ammann, Edwardsville, Ill.

WANTED—Young gardener assistant for growing orchids and general greenhouse work; one who has had some experience in orchid growing preferred; wages $15.00 per month and room to start with; to work under foreman on a big private place. Address H. G. S., care Florists' Review.

WANTED—At once—sober, industrious man between 25 and 35 years of age; must have knowledge of general greenhouse work; wages $20.00 per month with board; American preferred; reference required. Address I. L., Tacony P. O., Philadelphia, Pa.

WANTED—A reliable man for general greenhouse work; $25.00 per month and board; will increase wages and give steady employment to the right man. H. Kaden, Florist, Galnesville, Texas.

SITUATION WANTED—As manager or foreman on medium sized cut-flower growing establishment; married; state wages, etc. Address Manager, care Florists' Review.

SITUATION WANTED—No. 1 grower of roses, carnations, mums, and general line of bedding plants, wants situation as working foreman. Address Florist, care Henry Young, Rosehill Cemetery Drive, Chicago.

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

WANTED—A steady young German, 18 or 20 years of age, for greenhouse and out-door work, with some experience on a private place. $20.00 per month and board. E. G. Gillett, 113 East 3rd street, Cincinnati, Ohio.

WANTED—1200 feet of 2-inch pipe. Second-hand if possible. Fred Roll, Durham, N. C.

WANTED—At once—a No. 1 chrysanthemum grower, must come well recommended, a steady position to the right man. Address Nanz & Neuner, Louisville, Ky.

WANTED—Man experienced in general greenhouse work. $25.00 per month and board. Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 724 E. State Street, Redlands, Cal.

WANTED—At once, a reliable florist. Must be sober, honest, and a good worker; one that is capable to take full charge of medium sized place and grow a general collection of plants and cut flowers for retail store trade. State wages with board and send good references of recent date in first letter. Good wages and steady place to right man. Fred J. King, 220 Madison street, Ottawa, Ill.

FOR SALE—Tabasco hot water boiler, No. 32, price $50.00; magazine feed and carries fire 8 to 10 hours; in good order and has new grates used past season only; capacity, 10 0 to 3000 feet of glass. Write for further particulars. Terms cash. W. H. Culp & Co., Wichita, Kan.

FOR RENT—At Frederick, Md., greenhouses in complete order, 162x20, 65x18, 107x11; boiler room 60x18; No. 8 Furman boiler and small heater; large mushroom cellar; stable; two acres of ground; dwelling for rent near by; city water; no stock on hand. Rent $300.00 per annum. Ill health of owner compelled retirement from successful business, principally vegetables and mushrooms for Washington and New York. Address Henry Trail, Frederick, Md.

WANTED—Young man to learn the greenhouse business and the growing of roses and carnations; state age. Apply to John L. Wyland, De Haven, Pa.

SITUATION WANTED—By experienced florist; roses, carnations, mums, specialty; good wages expected. Best of references. Florist, 1 Blair Street, Cleveland, Ohio.

FOR SALE—Greenhouse; good local trade of plants and cut flowers; well stocked; including residence; good reason for selling. Address Paul Stark, Liberty, Mo.

FOR SALE—Two hot water boilers uprights, one Spence No. 2, one Hitchings No. 2, perfect, with gas burners. Geo. Staffinger, Springville, N. Y.

FOR SALE—12 boxes glass 16x22 and 12 boxes 16x24, S. S. A. Carefully packed, at $2.25 per box. Davis Bros., Morrison, Ill.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED.

30 Boxes Glass, double or single, in good condition; 50 ft. per box; give lowest prices; size 14x16 or longer; F. O. B. Hutchinson, Kan.

JOHN STAMM, Hutchinson, Kan.

WANTED HOT WATER BOILER, capable of heating 3000 to 4000 ft. of glass. Give all particulars, number and make, how long used, condition it is in, etc. Price F. O. B. Wilton. Address JOHN BEIMFORD, Wilton Junction, Iowa.

WANTED—Competent working-foreman to grow roses, carnations, mums and general bedding stock. $60.00 per month to right man. References required. Central Greenhouses, Sandusky, Ohio.

WANTED By one with a national reputation as a decorator and maker-up, the best position available in a retail store. Able to take charge. State terms.

ILEX, care Florists' Review.

FOR SALE--GREENHOUSE.

2000 ft. glass, furnace and pipe complete; plant four years old; 85 hotbed sash, frames, etc.; pots by thousands; buyer to take same as set up now and remove at once.

5411 Woodlawn Avenue, CHICAGO.

FANCY or DAGGER FERNS $1.00 per 1000. Galax Leaves, Bronze or Green, 75c per 1000. Use our Laurel Festooning for your June decorations, its the best and cheapest in the market, 4c, 5c and 6c per yd. Bunched Laurel and Laurel Wreaths when wanted.

Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. NEW YORK.

The "Lily King" is called the "Early Bird!"
First in the market, be it hot or cold,—
His the melodious voice that's soonest heard
Buying up all the Lilies. I've been told,
Small wonder then, the melody the Lilies always sang,
When they with perfume-laden voice, serenaded Charles Millang!

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to Telephone for what you want. We have it.

TELEPHONE NUMBER 2230 MADISON SQUAR

Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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Burbank's Shasta Daisy.

Shasta Daisy

THE LATEST FLORAL WONDER.

Plants 25c each; $2.50 per doz.; $15.00 per 100; $100.00 per 1000. 25 at 100 rate, 500 at 1000 rate.

100 Seeds, 50 Cents.

California Carnation Co.

LOOMIS, CAL.

Mention The Review when you write.

CHAS. WINSEL, SEEDSMAN,

Successor to Brose-Fleur Seed and Plant Co.

247 S. Main St, LOS ANGELES, CAL.

SEEDS, NEW CROP! Phoenix Canariensis, Seaforthia elegans, Corypha australis, Erythea edulis, Dracaena indivi-a, Eucalyptus and Acacia seeds. Roemer's superb prize pansies.

Write for Price List.

Mention The Review when you write.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.

Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo.

Always mention the Florists' Review when writing advertisers.

Largest and Finest Stock of **CHRYSANTHEMUMS** in the country. Also 200,000 Young Rose Plants in best possible shape.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00

YELLOW.	Per 100 R. C.	Per 100 2½-in.
October Sunshine	$2.00	$2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Wnlldin	1.30	2.00

PINK.	Per 100 R. C.	Per 100 2½-in.
Montmort	$1.30	$2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
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Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—IMMENSE STOCK OF COL. APPLETON, rooted cuttings, $15 per 1000; 2½-inch pots, $20 per 1000. BONNAFFON, rooted cuttings, $10 per 1000; 2½-in. pots, $18 per 1000. Fine stuff.

ROSES FOR FORCING.

An exceptional fine lot of 200,000 Plants in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	Per 1000	3-in. Per 100	Per 1000
Golden Gates	$3.00	$25.00	$4.50	$40.00
Maids	3.00	25.00	....	40.00
Brides	3.00	25.00	....	40.00
Meteors	3.00	25.00	....	40.00

STEVIA, R. C., per 100.....$1.50 2½-in., per 100.....$2.50 2½-in., thousand lots.....$22.50

No order filled for less than $2.00, or less than 10 of a variety. 5 per cent discount allowed for Cash. Remittances must accompany orders from unknown parties. Goods sent C. O. D. if requested. All orders filled in strict rotation, and as soon as stock is ready. Every order has our personal supervision and satisfaction is guaranteed. Cuttings rooted to order if not in stock.

Poehlmann Bros. Co., -- Morton Grove, Ill.

Mention The Review when you write.

Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

TOMATO—Stone, Royal Red, Perfection, Paragon, Favorite, Dwarf Champion and other varieties, 15c per 100; $1.00 per 1000.

EGG—New York Improved, 25c per 100; $2.00 per 1000.

PEPPER—Ruby King, Bull Nose, Sweet Mountain and other varieties 25c per 100; $2.00 per 1000; $15.00 per 10,000.

CELERY — Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md.

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JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and LATANIA BORBONICA

Price List for the asking.

FRUIT AND FLOWER PLATES

Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN

SEND FOR PRICE LIST.

Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.

VREDENBURG & CO., Rochester, N. Y.

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COLEUS.

300 Verschaffeltii out of 2½-in. pots, good stocky plants, per 100, $2.50—the 300 for $7.00.

400 R. C. Coleus Verschaffeltii at 50 cents per 100. Mixed varieties out of 2-in. pots, per 100, $1.50.

CANNAS.

Austria, C. de Bouchard, Q. Charlotte, Allemania, L. Vaughan, Souv. de A. Crozy, M. Berat, F. Bismarck, F. Vaughan, Italia and Burbank out of pots, at $5.00 per 100; mixed varieties at $4.00 per 100.

Vincas, trailing, 4-in. pots, long runners, per 100, $10.00. **Swainsona, Alba** and **Rosea,** 2-in., per 100, $2.50. **Umbrella Plants,** 2-in., per 100, $2.00. **Asparagus Sprengeri,** 2-in., per 100, $2.00. **Lophospermnm,** 2-in., per 100, $1.50.

Cash or satisfactory reference with order.

GEO. L. MILLER, Newark, Ohio.

Mention The Review when you write.

Liberty Roses!

1500 IN 2x2½-INCH POTS READY TO SEND OUT. WRITE

GEO. A. KUHL, PEKIN, ILL.

Pandanus Veitchii,

Nice stuff for vases, 6-inch pots, $1.00 each, $12.00 a doz. Also larger sizes.

Boston Ferns,

6-inch pots, 50c each, $6.00 a doz.

BUSHY PLANTS.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R. GERMANTOWN, PA.

Palms

Home Grown, Fine Clean Stock, Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

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Valley and Beauties of Extra Fine Quality.

During June will be open from 7 A. M. to 8 P. M.

LEO NIESSEN,
N. W. Cor. 13th and Filbert Sts.
PHILADELPHIA, PA.

Mention The Review when you write.

Cineraria, Calceolaria and Chinese Primrose

UNRIVALED STRAINS FROM ENGLISH SPECIALISTS.

Cineraria—English Prize Giant-Flowering, Mixed, per pkt., 500 seeds, 25c; ½ tr. pkt., 60c; tr. pkt., $1.00
Calceolaria— " " " " " " 500 seeds, 25c; ½ " 60c; " 1.00
Primula (Chinese Primrose) English Prize, Fringed, Mixed ....per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.
Primula Forbesi (Baby Primrose) Rosy Lilac.....per 100 seeds, 25c; 500 seeds, $1.00
Primula Obconica Grandiflora.....per 100 seeds, 20c; 1000 seeds, 1.50
Pansy—J. & S. Kingly Collection — The finest strain of Giant Pansies now offered to the trade. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; per oz., $5.00.

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

BALTIMORE.

Trade and Personal Notes.

Summer seems to have arrived at this port on time or ahead of time, and the mercury is already coquetting with the 90's. There have been some good showers, which have freshened up vegetation, but no general soaking rain, which is much needed.

Trade last week was dead, except on Wednesday, which was a general wedding day, when there was a rush for flowers, especially white roses.

This week begins better, and today (June 16) there is active demand for carnations. Roses are going down hill in quality, but the quantity keeps up, and those from outside are overabundant. Sweet peas, too, are in oversupply, and so, for the first time in months, are greens. A prominent item of supply just now is Lilium candidum, which is seen everywhere. Saturday night the street fakirs were selling quantities of carnations at a dime a dozen.

A great many roses are pulled out, and some growers are far advanced with their planting.

One of the most attractive of our June weddings was that on the 11th of Miss Rose F. Cook, daughter of John Cook, the widely known rosarian and florist, and Mr. Thomas J. McCormick, son of John McCormick, also well known here in the trade. The spacious St. Joseph's Church, at Irvington, decorated with great taste with plants and flowers, was filled to its very doors with interested friends of the contracting parties. The bride was a vision of delight, and the wedding procession accompanying her of charming flower girls and stately and beautiful bridesmaids was a picture of loveliness and grace. The ceremony was impressive, the music appropriate and delightfully rendered. After the nuptial celebration there was a reception at the home of the bride and a handsome supper served to a large number of invited guests.

There died here last week advanced in years Mrs. Joanne Seidewitz, mother of Edwin A. Seidewitz, one of our prominent florists. She was a woman of many excellent qualities and of bright mental power, and was widely known and respected.

R.

Enclosed find $1.00 for another year's subscription to the Review. We certainly cannot do without it.—J. Sylvester, Oconto, Wis.

10,000 ROSES ALL KINDS.

5000 Coleus, 2-inch pots.
1000 Cannas, 3 and 4-inch.
5000 Smilax, 2x2½-inch.
5000 Plumosus and Sprengeri.
5000 4, 5, 6, 7, 8 and 10-inch Boston Ferns.
Vincas, Fuchsias, Pelargoniums, Hibiscus, &c., &c., for stock.

WRITE

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

WHOLESALE GROWERS .....OF..... Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.
WHOLESALE BULB GROWERS,
PETERSBURG, VA.

Mention The Review when you write.

Lily of the Valley!

The finest now ready to cut.

H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.

Fine Pips from Cold Storage $13.00 per 1000.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of
MACHINE WIRED TOOTHPICKS
10,000....$1.50; 50,000....$6.25

3000 6-inch Wired Flag Sticks, $1.20
Samples free. For sale by dealers.

WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,
300-306 Dearborn St., CHICAGO.
Mention The Review when you write.

George M. Moss

WHOLESALE FLORIST.

Beauties, Brides, Maids, Carnations, Daisies, Sweet Peas, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.

EDWARD REID

WHOLESALE FLORIST.

Everything Seasonable for COMMENCEMENTS and WEDDINGS.

1526 Ranstead Street, PHILADELPHIA.
Store closes at 6:30 P. M. during June.
Long Distance Telephone.

Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.
Long Distance Telephone.

Mention The Review when you write.

Eugene Bernheimer,

WHOLESALE FLORIST,

SPECIALTIES:

Carnations, Roses, Valley and Sweet Peas

1604 Ludlow Street,
Long Distance Telephone. PHILADELPHIA, PA.

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PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

SELECTED STRAINS OF Flower Seeds FOR FLORISTS.

Primula Chinensis, Obconica Grandiflora, Forbesii and Stellata.

Write for catalogue.

W. C. BECKERT, Seedsman, Allegheny, Pa.

Mention The Review when you write.

Michigan Seed Co.

WHOLESALE GROWERS
GLADIOLUS, DAHLIA and CANNA
Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

H. H. Berger & Co.'s Price List

FOR JULY TO SEPT. DELIVERIES.

Terms:—60 days net on approved references, unless otherwise agreed. 3 per cent. cash discount if paid in 30 days. 5 per cent. discount on all orders accompanied by cash. **Liberal discount on larger orders. Prices subject to crop conditions.**

JULY DELIVERIES.

	12	100	1000
L. HARRISII, Bermuda grown, secured from best and healthiest stock obtainable on the island.			
5x7 -in. circ	$0.75	$5.00	$ 47.00
7x9 -in. circ. (scarce)	1.50	11.00	105.00
9x11-in. circ. (very scarce)	2 50	22.00	.....
OXALIS, California grown, Giant White	.25	1.50	12.00
" California grown, Giant Rose	.20	1.25	10.00
" California grown, Giant Lavender	.20	1.25	10.00
" Bermuda Buttercup, bright yellow, 1st size	.20	1.00	9.00
2nd size	.15	.85	7.00
FREESIA REFRACTA ALBA, our well-known stock, same as we have grown in California for 15 years. ⅜x½ in. diameter,	.10	.40	3.00
½x¾-in. diameter	.12	.60	4.50
Mammoth, ¾-in. up	.15	.85	7.00

AUGUST AND SEPTEMBER.

L. CANDIDUM (St. Joseph's Lily), for forcing. Best Northern stock, extra plump and fine: 1st size bulbs, 22-in. circ. up	.75	5.50	50 00
2d size bulbs, 20-in. circ. up	.60	4.50	40.00
CALLA ETHIOPICA, from our California fields, sound, healthy roots with good center shoots:			
3x5-in. circ., fine blooming	.60	4.00	35.00
4x6-in. circ	.75	5.50	50.00
5x7-in. circ	1.00	7.50	70.00
Mouster (scarce)	1.50	10.00	.....

FRENCH FORCING BULBS.

HYACINTHS, French Roman, white, 11x12 cm.	.25	2.00	18.00
" French Roman, white, 11x15 cm.	.30	2.25	21.50
" French Roman, white, 12x15 cm.	.35	2.50	23.00
" French Roman, white, 13x15 cm. (very scarce)	.40	3.00	27.50
" French Roman, single blue	.30	2.00	18.50
" French Roman, dbl. light rose	.40	2.25	20.00
" French Roman, dbl. dark rose	.40	2 25	20.00
" Red Skinned Italian, pure white, extra large bulbs	.40	2.40	22.00
Allium Neapolitanum, fine forcer	.15	.50	4.00
NARCISSUS, Paper White, true grandifl., 13 cm. up	.15	1.00	8.00
Trumpet Major, (French stock), extra early forcer	.20	1.00	9.00
" Grand Soleil d'Or, golden yellow	.25	1.50	14.00
" Double Roman for early cutting	.15	1.00	8.00

DUTCH FORCING BULBS.

HYACINTHS, Dutch, Roman or Miniature will be in great demand for forcing. Best named forcing sorts, equal proportions of colors, fine large bulbs	.30	2.00	18.00
In separate colors, mxd. sorts	.25	1.75	16.50
HYACINTHS, Dutch, mixed in separate colors, pure white, blush white, rose, red, all shades, light blue, dark blue, yellow, single or double, about equal proportions	.40	2.75	25.00

15 cm. up (note size).

Those marked with an * are extra early. Those marked with † denote double sorts.

HYACINTHS, first size, 18 cm. up, †flamed white, *B. V. Thuyl, Alba superbissima, *†Bouquet Royal, Grande Vendette, Grandeur a Merveille, *†La Tour d'Auvergne, †La Virginite, *Mme. Van der Hoop, Paix de l'Europe, *Blanchard, †Red and Rose, *B. Thuyl, Chas. Dickens, *General Pelissier, Gertrude, *Gigantea, *Lord Macaulay, *Moreno, †Noble par Merite, Norma, †Prince of Orange, Roi des Belges, †Blue and Purple, †Blocksberg, *Czar Peter, Grand Lilas, Leonidas, Marie, King of the Blues, *William 1st, †Yellow Goethe, Herrman, Ida, †Bouquet Orange, 1st size, 18 cm. up, fine exhibition bulbs, stock that pays to grow | 1.00 | 7.00 | ... .. |
| Same sorts in 2d size, 16-18 cm. | .75 | 5.00 | ..... |

NARCISSUS OR DAFFODILS.

Single, Extra Fine Bulbs.

	12	100	1000
Horsfeldii, white petals, golden trumpet	$0.50	$3.00	
Emperor, primrose petals, deep yellow trumpet	.60	4.00	
Golden Spur, very early, enormous flowers, rich golden trumpet	.50	3.00	
Henry Irving, large golden yellow	.60	4.00	
Incomparabilis, single yellow forcer	.15	.75	$6.00
" Cynosure, bright orange cup, early	.15	.75	6.00
" Stella, white, golden cup, fine forcer		.60	5.50
Poeticus, Pheasant's Eye	.10	.45	3.50
" Ornatus, great forcer	.20	1.00	7.50
Princeps, very best for forcing	.20	1.00	8.00
Mixed Narcissus, single, fine sorts	.15	.75	6 00
" " single Trumpets, fine sorts	.20	1.00	7.00

DOUBLE NARCISSUS.

Alba plena or ornata	.20	.85	7.00
Incomparabilis (Butter and Eggs) fine forcer	.15	.75	6 00
Orange Phoenix	.25	1.50	13.00

VON SION, Holland Grown.

Pure yellow, double Daffodil, first size bulbs, X	.20	1.25	11.00
Top size bulbs, XX	.25	1.50	13.00
Extra double nosed, Mammoth, XXX	.30	2 00	18.00
Double mixed Narcissus	.20	.85	7.00

NARCISSUS, Chinese Sacred.

Grown in China—In original mats of four baskets, 120 bulbs; per mat, $5.00; per basket, 30 bulbs, $1.50; per 100, $35.00. These bulbs are strictly first size, same reliable stock we have handled for 18 years, when we first imported these bulbs to the Pacific Coast.

TULIPS, Extra Fine Bulbs.

Single—Those marked * are best for early forcing.

	12	100	1000
Artus, scarlet	$0.15	$0.85	$7.50
*Belle Allianee, finest scarlet forcer (scarce)	.25	1.25	11.50
Cardinal's Hat, dark red	.15	.80	7.00
*Chrysolora, pure yellow	.20	1.00	9.00
*Cottage Maid, rose and white	.15	1.00	8.00
*Couleur Cardinal, brilliant crimson	.30	2.00	18.00
*Duchesse de Parme, orange red	.10	.60	5.50
Jacht V. Delft, fine white	.10	.90	7.00
J. Van Vondel, cherry red and white	.15	1.00	8.00
*Keizerskroon, red and yellow, extra fine	.15	1.00	9.00
*La Reine, white, shaded rose	.10	.90	7.00
*l'Immaculee, white fine forcer	.10	.60	5.50
*Mon Tresor, earliest yellow	.30	2.00	17.00
Pottebakker, pure yellow	.30	2.00	18 00
" pure scarlet	.15	1.00	9.00
" pure white	.20	1.25	10.00
" yellow, red striped	.20	1.25	10 00
*Proserpine, most beautiful rose	.25	1.75	16.00
Rosamundi, pink	.10	.80	7.00
*Rose Gris de Lin, fine rose	.25	1.50	13.00
*Vermilion, brilliant, true, extra fine scarlet	.40	2 25	20.00
Wouvermau, violet	.15	1.00	9.00
*Yellow Prince, yellow, sweet scented	.15	1.00	9.00
Duc von Thol, early single scarlet (best forcer)	.15	1.00	8.00
" " early single rose (best forcer)	.25	1.50	13.00
" " early single white (best forcer)	.25	1.50	12.00
" " early single yellow (true)	.25	1.60	15.00
" " early single red and yellow	.15	.85	7.00
Single early Tulips, in very choicest mixture	.10	.75	6.00
Do., fine mixture	.10	.40	4.50

DOUBLE EARLY TULIPS.

*Couronne d'Or, finest yellow	.50	3.00	27.00
Duc von Thol, red and yellow	.15	.85	7.50
Duke of York, red edged white	.20	1.00	8.00
*Gloria Solis, red with yellow border	.20	1.00	8.00
*Imperator Rubrum, fine scarlet	.30	2.00	17.00
La Candeur, white, extra fine bedding	.20	1.00	8.00
Le Blason, blush pink	.25	1.50	12.00
*Murillo, most beautiful rose	.30	2.00	18.50
Purple Crown, very large	.15	.85	7.50
Rex Rubrorum, finest scarlet bedder	.20	1.25	10.00
Rose Blanche, fine white bedder	.15	.90	8.00
*Tournesol, red and yellow	.20	1.25	10.00
* " pure yellow (true)	.35	2.50	22.00
Double Tulips, very choicest mixture	.15	.85	7.00
" " fine quality mx'd	.15	.75	6.00

SINGLE LATE TULIPS.

	12	100	1000
Bizarres, yellow ground, finest sorts	$0.15	$0.90	$8.00
Byblomen, white ground, finest sorts, flecked violet, crimson or maroon	.15	.85	7.00
Byblomen, rosy, flecked white	.15	.85	7.00
Darwin's superfine, mixed	.35	2.00	18.00
Parrots, choicest mixed	.15	.85	7.00
Gesneriana, scarlet, black center, true tall variety	.20	1.00	9.00
Single Tulips in separate colors, yellow, scarlet, white, rose, striped, violet	.20	1.00	8.50

CROCUS.

White, blue, purple, striped or yellow, in separate colors, extra fine bulbs		.30	2.00
Named sorts		.40	2 50
Extra mammoth yellow	.10	.50	4.00

JONQUILS.

Single, sweet scented	.10	.50	8.00
Double, golden yellow	.20	1.25	10.00
Large single Campernelle	.10	.50	4.50
True variety Campernelle Rugolosus, best paying forcer	.15	.75	6.00

LILIES.

L. LONGIFLORUM, Japan grown. We will supply the same grade of this lily we first handled twenty years ago. Reliable in every instance. We offer sound, well-matured bulbs, no unripe stock

	12	100	1000
5x7 ins. circ	$0.30	$2.00	$17.50
6x8 "	.40	2.50	23.00
7x9 "	.50	3.75	35.00
9x10 "	.75	5.75	55.00
10x11 "	1.25	9.00	80.00

L. LONGIFLORUM MULTIFLORUM.—Forces considerably earlier; we supply the true variety, narrow-leaved.

	12	100	1000
5x7 ins. circ	$0.40	$2.50	$22.00
6x8 "	.45	2.75	25.00
7x9 "	.65	4.50	42.50
9x10 "	1.00	7.00	65.00

L. LONGIFLORUM GIGANTEUM, black stem, same price as Longiflorum Multiflorum.

SEEDS FOR SUMMER GROWING.

Selected from best strains obtainable.

Calceolaria hyb. max. grandif., pkt. 500 seeds, 25c; 5 pkts., $1.00.

Calceolaria hyb. grandif. nana (dwarf), pkt. 500 seeds, 25c; 5 pkts., $1.00.

Calceolaria rugosa (shrubby), pkt., 25c.

Cineraria hyb. grandif. max., 500 seeds, 25c; 5 pkts., $1.00.

Cineraria hyb. grandif. nana (dwarf), 500 seeds, 25c; 5 pkts., $1.00.

PRIMULA SINENSIS FIMBRIATA: Mont Blanc, pure white; Occulata lutea, white with yellow eye; Chiswick, red; Kermesina, brilliant rose; Atrosanguinea, blood red; Fiery crimson; Coerulea, true blue — separate, 100 seeds, 25c; 1000 seeds, $1.75; all colors, mixed, 100 seeds, 20c; 1000 seeds, $1.50.

Primula Forbesii, Baby Primrose, pkt., 25c.

Primula obconica, forces fine, pkt., 25c.

Cyclamen persicum giganteum, pure white, Rose of Marienthal, Magnifica, white with red eye, brilliant crimson, in separate colors, 100 seeds, 60c; 1000 seeds, $5.00.

Fern Spores, in choicest sorts, pkt., 25c.

PANSY, our specialty, Berger's Neverfail Mixture, put up by ourselves, contains all the best strains known, flowers attain largest size, petals of great substance. Try it. 1000 seeds, 25c; 5000 seeds, $1.00; oz., $3.00.

Pansy—In separate colors, white, yellow, black, bronze, red, light blue, dark blue, purple, lilac, striped, blotched, pkt. 1000 seeds, 25c; 5000 seeds, $1.00; oz., $4.00.

Pansy — Bugnot, Cassier, Odier, Trimardeau, Snow Queen, Gold Else, King of Blacks, Meteor, Lord Beaconsfield, Fire King, Peacock, King William, Prince Frederick, etc., any sort, separate, 1000 seeds, 25c; 5000 seeds, $1.00.

Pansy—New Giant Cassier, 500 seeds, 25c; 1000 seeds, 40c.

ASPARAGUS PLUMOSUS NANUS seed, 100 seeds, 85c; 1000 seeds, $7.50.

PALM SEEDS—Ready.

Pandanus utilis, 100 seeds, $1.00; 1000 seeds, $8.50.

Chamærops excelsa, 100 seeds, 25c; 1000 seeds, $2.00.

AUGUST DELIVERY.

Fresh Kentia Belmoreana or Forsteriana, crop 1902, 100 seeds, 50c; 1000 seeds, $3.50; 5000 seeds, $15.00; 10,000 seeds, $27.50.

ASK FOR PRICES ON

Lily of the Valley—November delivery.

Azalea Indica—October delivery.

Japan Bulbs—October delivery.

OUR OFFERS WILL APPEAR MONTHLY AS GOODS COME IN

Address H. H. BERGER & CO., 47 Barclay Street, NEW YORK CITY.

(ESTABLISHED 1878)

INDIANAPOLIS, IND.

Trade is keeping up very nicely, and between June weddings and funerals most all the good stock is being used up. Everybody reports a heavy spring season throughout, and no complaints are heard. Roses and carnations are fast coming down to summer quality, and the colors are narrowing down to pink and white. Red carnations that are not afflicted with that sleepy look are hard to find, and variegated ones are out of the market altogether. In roses La France and Kaiserin are coming to the front again to take the place of Bride and Maid, and many a young bride will carry a bunch of Empress (Kaiserin) to the altar this month. All white roses are Bride roses to most people, and perhaps 'tis well it is so. No doubt many would object to having anything but Bride roses in a bridal bouquet.

E. A. Nelson is cutting some fine spikes of a fine pink gladiolus, and they find a ready sale at good figures.

John Hartje is getting his house right up and ready to plant on time.

A good deal of trouble is experienced by some in getting their glass for the new houses. None were able to get it at the time it was contracted for, and some will be quite late in getting theirs, especially if the contract is not ironclad.

Friends of F. Sidney Smith will regret to hear that on June 7 his aged mother was thrown from a street car and seriously injured. The hip bone on the right side was badly crushed, and, owing to her advanced age, she being 69 years of age, it is all the more sad and doubtful if she will ever fully recover.

Robert McKeand has accepted a position on the Indianapolis Flower & Plant Co.'s place. Robert is a good plantsman and will do his part in turning out some good stock.

A. B.

IRON PIPE.

A leading manufacturer of iron pipe reports that the demand for 4-inch iron pipe of standard weight has been so great during the past month that his firm is over a quarter of a million feet behind their orders. There is no change in price in view. The next meeting of the manufacturers will be held in July and until that time present quotations are likely to rule.

Present quotations on 4-inch cast iron pipe by manufacturers is $34 per ton.

San Antonio, Tex.—The P. D. Hauser & Sons Floral Co. has been incorporated with a capital stock of $50,000. The incorporators are P. D. Hauser, Pres.; F. H. Hauser, Secy. and Treas.; Wm. T. Hauser, Vice-Pres. They are making extensive improvements in their greenhouses this season, and now have over 25,000 feet of glass.

Troy, N. Y.—The Sunday Observer of June 1 prints an interesting illustrated description of the greenhouses of Mr. John H. Duke, giving special attention to the fine new house built last fall, designed and erected by the Lord & Burnham Co.

A rate of one and one-third fares for the round trip on the certificate plan has been granted by the railroads for the convention of the American Seed Trade Association to be held in Minneapolis, June 24 to 26.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Manager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

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All telegraph and telephone orders given prompt attention.
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51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
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JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
51 Wabash Avenue, - - CHICAGO.
GREENHOUSES, ROGERS PARK, ILL.
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Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
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MICHIGAN CUT FLOWER EXCHANGE.
WM. DILGER, Manager.
Wholesale Florist Commission.
Full line of Florists' Supplies and Decorations
Special attention to shipping orders.
26 Miami Avenue, DETROIT, MICH.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
437-439 Main St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

ANNUAL CLEARANCE SALE

To close out surplus stock we will offer the following goods at greatly reduced prices until sold. Orders filled in rotation. Order quick to insure these prices. Cash with order.

Sphagnum Moss Clean and fresh. 5 bales, $4.00; 10 bales, $7.00; 25 bales, $16.50.

Wheat Sheaves Per doz., A, $1.40; B, $2.25; C, $3.25; D, $4.50; E, $5.50; F, $7.00; G, $9.00.

Ribbons Best florists satin, all colors, per bolt, No. 5, 45c; No. 9, 70c; No. 12, 95c; No. 16, $1.10; No. 22, $1.20.

Cycas Leaves Best imported stock, 24 to 48 inches, assorted, per doz., $2.00; per 100, $15.00.

Cane Stakes 5 to 6 ft. long, per 1000, $1.50; 10000 for $10.00.

Baskets All kinds in assortments, $5.00, $10.00 and $25.00, 10 per cent less than regular prices.

Tin Foil Either 5 or 7-inch, 5 lbs., 45c; 10 lbs., 80c; 25 lbs., $1.95; 100 lbs., $7.50.

White Pampas Plumes Select stock, per 100, $2.50 per 1000, $20.00.
COLORED " " Assorted colors, per 100, $5.00

No quantity less than those named at prices quoted.

Remember we are **HEADQUARTERS** on all **CUT FLOWERS,** our main stay.

Specialties for School Closings and June Weddings

McKellar & Winterson Co.

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

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WHOLESALE FLORIST,
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CONSIGNMENTS SOLICITED
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
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CUT FLOWERS
of Every Description
....AT....
HOLTON & HUNKEL CO.
MILWAUKEE, WIS.
Mention The Review when you write

C. RAYNER,
Anchorage Rose Houses, 632 4th Ave. Louisville, Ky.
Specialist for Summer Grown Roses and Carnations.
ALSO HEADQUARTERS FOR
POT ROSES 2½-inch well-grown Maids and Brides, $2.50 per 100; $22.50 per 1000
3-inch, extra fine, Maids and Brides....$4.00 per 100; $32.50 per 1000
CASH WITH ORDER.

REMEMBER your employes have birthdays. Also remember that there is nothing else so mutually profitable for you to give them as a copy of the Florists' Manual, by Wm. Scott. The price is $5.00 a copy delivered.

DON'T waste your time hunting through pages of miscellaneous advertising for what plants you want. Turn to our alphabetical classified ads. and you will at once find what you want, if it is in the market.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzii, fine 2½-in., $3.00 per 100. Cash. Roney Bros., West Grove, Pa.

ACHYRANTHES.

Achyranthes Emersoni, 2-in. pots, $2.00 per 100; rooted cuttings, 75c per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUM.

Ageratum Princess Pauline, 2¼-in. pots, $2.00 100; only a few left. Coolidge Bros., South Sudbury, Mass.

Ageratums, blue; 2½-in., $2.50 per 100; 4-in., $5.00 per 100. Strong, clean plants.
La Roche, Collingdale, Pa.

ALTERNANTHERA.

5,000 each of Alternanthera paronychioides major, red and Alternanthera aurea nana. Extra strong plants, $10.00 per 1000. Cash with order.
GEORGE A. HEINL, Toledo, Ohio.

Alternantheras, red, as good as can be grown, 2-in., $2.50 100, $20.00 1,000. Cash. B. F. Muschert, Penn Valley, Pa.

Alternantheras, red and yellow; strong plants from 2½-in. pots, $2.00 100; $15.00 1000.
Chas. W. Thompson, Bayonne, N. J.

Alternantheras, red; fine plants, $2.00 per 100. Cash. Geo. E. Fancourt, Kingston, Pa.

Alternanthera, red and yellow, price 2 cents. Biddison Bros., Raspburg, Balto. Co., Md.

Alternantheras, 2-in. pots, $2.00 per 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, 2½-in., $2.50 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

ASPARAGUS.

ASPARAGUS PLUMOSIS NANUS. We devote twelve large houses to this specialty. 2-in., immediate delivery, $4.00 per 100; $35.00 per 1000; 5000 for $150.00. Cut strings of asparagus at any time, $6.00 per doz.; $50.00 per 100. Asparagus, long sprays, $2.00 per 100; $20.00 per 1000. Sprengeri, 2-in., $3.00 per 100; $25.00 per 1000.
Emerson C. McFadden, Telephone, 2SA, Short Hills, Short Hills, N. J.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000; A. Sprengeri, strong plants, 2½-in. pots, $3.00 100, $25.00 1000. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, heavy strings, 6 to 7 ft. long, 50c per string. J. Wm. Colflesh, 53rd and Woodland, Philadelphia, Pa.

Asparagus Sprengeri from flats, $1.00 100, $8.00 1,000; 2¼-in., $1.50 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 2-in., $2.00 100. A. plumosus, 2-in., $3.50 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, 4-in., $6.00 per 100; 3-in., $4.00 per 100. Cash with order. Critchell's, Cincinnati, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 3-in., good stock, $3.25 per 100. Hull Floral Co., Morris, Ill.

5000 Asparagus Sprengeri and plumosus. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, good, clean; 2-in., $2.00 100. La Roche, Collingdale, Pa.

Asparagus Sprengeri, 2-in., $2.00 100. Cash. Geo. L. Miller, Newark, O.

Asparagus Sprengeri, 4-in., $12.50 100. Cash.
W. J. & M. S Vesey, Fort Wayne, Ind.

Asparagus plumosus, 4-in., $10.00 100.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRA.

Aspidistra var. and green, in fine shape, 2c per leaf. J. J. Vondersaar, 1537 Madison Ave., Indianapolis, Ind.

ASTERS.

Asters. Transplanted plants of Semple's mixed colors; Victory, Giant Comet, Trauffaut's Perfection, mixed. Fine plants, 40c per 100, $4.00 per 1000. Cash.
T. C. Breece, West Berlin, O.

Semple's white, purple, rose, shell pink and lavender, separate colors, $2.50 per 1000; all colors, mixed, $2.00 per 1000.

Comet, Daybreak and Ostrich Feather, varieties and colors mixed, $2.50 per 1000, 35c per 100.

Special prices on large lots of mixed varieties. A. & G. Rosbach, Pemberton, N. J.

Asters, transplanted plants of Giant Comet White, Semple's Branching, Carlson's Impr., Daybreak and Purity, 60c per 100, $4.00 per 1,000. Delivered free at your station for cash with order. Henry Diers, Sibley, Ill.

A few thousand white and pink aster plants left. Best tall-branching from seed bed, $2.00 1000; transplanted plants, $3.00. Strong, sturdy plants. S. J. Galloway, Eaton, Ohio.

Astera in pots, $1.00 per 100. Semple's Victoria and Truffaut's Paeony Perfection, three colors of each variety. J. B. Shurtleff, Jr., Revere, Mass.

First-class aster plants of Semple's Branching and Queen of the Market, separate colors, 50c 100, $4.00 1000. Harry White, R. D. No. 6, Wabash, Ind.

Asters. Transplanted plants of Semple's, strong, ready to set out, 50c per 100. W. G. Haebich, Auburn, Ind.

Semple's white, Victoria, Perfection and Comet, 25c 100. Cash. Mrs. Griswold, Worthington, O.

Asters, transplanted; all varieties, 35c 100, $3.00 1000. Converse Greenhouses, Webster, Mass.

BANANAS.

The most ornamental, royal-like, and yet the most easily and quickly grown in North of all tropical plants. Every lover of horticultural magnificence should have a few. For next 30 days, strong bulbs postpaid $1.50 per doz.
South Florida Nursery Co., Dade City, Fla.

BAY TREES.

STANDARD and PYRAMID
Bay Trees. Cheapest and finest in the trade
Price list on demand.
DE SMET BROS., Nurserymen, Ghent, Belgium.

BEDDING PLANTS

1700 Geraniums, Andrew, bright pink, semi-double, one of the best bedders, out of 4-in. pots, 6c.

1200 Geraniums, Andrew, bright pink, semi-double, one of the best bedders, out 3½-in. pots, 5c.

500 Geraniums, double white, out 4-in. pots, 6c.

1500 Geraniums, assorted colors, out 4-in. pots, 5c.

500 Scarlet Sage, strong plants, out 4-in. pots, 5c.

500 Ageratum, Princess Pauline, light blue, the best bedder, out 3½ and 4-in. pots, 5c.

300 Fuchsia, single flower, good bedding sort, out 5-in. pots, 7c.

1500 Alternanthera, red, 2½c.

700 Alternanthera, yellow, 2½c.

125 Pink Rambler Roses, strong plants, 5 and 6-in. pots, 15c.

50 Yellow Rambler Roses, strong plants, 5 and 6-in. pots, 15c.

50 Empress of China, strong plants, 5 and 6-in. pots, 15c.

All plants offered out of pots. Roses can remain in if so desired. Cash with order.
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BEDDING PLANTS.
4-in., $5.00 100, $40.00 1000.

Geraniums, assorted, very strong, healthy plants in bloom; rose geraniums, extra fine, bushy plants; fuchsias, Black Prince and Elm City, very strong, bushy; double petunias, nice, in bud and bloom; dwarf ageratums, Princess Pauline and Stella Gurney; pelargoniums (Lady Washington), very strong, bushy plants; heliotropes (stocks), fine, in bloom; Primula obconica, strong plants in bloom; Begonia argenteo-guttata, fine, nice plants.

2½-in., $2.00 100, $15.00 1000.

Coleus, very fine foliage plants; alternantheras, aurea nana and amoena rosea; alyssum "Little Gem," dwarf; petunias, single, nice strong plants in bloom; lobelias, Emperor William, dwarf, blue; Dracaena indivisa, 6-in. 35c, 5-in. 25c, 4-in. 12½c.

POLISH FLORAL CO., 1180-1192 N. Hamilton Ave., Chicago.

La Favorite ger., 4-in., $5.00. Mme. Salleroi, $2.50. Rex Begonias, 2-in., $3.00. Antheriums, 3-in., $2.00. Cash. Dann & Son, Westfield, N. Y.

SURPLUS STOCK.

500	Geraniums, 4-in.	$4.00 per 100
1000	Geraniums, 3-in.	2.00 per 100
500	Mme. Salleroi, 2½-in.	2.00 per 100
500	Centaurea candidissima, 2½-in.	2.00 per 100
300	Alternanthera, red and yellow.	1.50 per 100
100	Achyranthes, 2½-in.	2.00 per 100
300	Coleus, 2½-in	2.00 per 100
30	Dracaena indivisa, 6-in.	.30 each.
20	Dracaena indivisa, 5-in.	.20 each.

Crown Point Floral Co., Crown Point, Ind.

Bedding plants. Large stock always on hand. Write for prices. Alternanthera, yellow and red, $18.00 per 1000. Fuchsias, best varieties, $5.00 per 100. Geraniums, best bedding stock, $6.00 a 100. Silver Leaf Geraniums, $5.00 per 100.
PERRY & GLOEDE, Berriman St., cor. New Lots Ave., Brooklyn, N. Y.

Cannas Florence Vaughan, Mme. Crozy, Chas. Henderson, Burbank, strong, 5-in., 7c.
Alternanthera, red and yellow, 2½-in., 2c.
Moonvines, 5-in., 7c.
Verbenas, fine stock, 2½-in., 2c.
Will exchange for small Boston Ferns, Carnation cuttings, Small Palms, or Asparagus P. N.
Cote Brilliant Nursery, 1902 Belt Ave., St. Louis, Mo.

Geraniums, single and double scarlet; single and double white. All first-class stock in bloom, 4-in. pots, $6.00 per 100; $50.00 per 1000. Coleus, Golden Bedder, Firebrand, $20.00 per 1000. Alternantheras, red and yellow, $15.00 per 1000.
Frank A. Pierson, Cromwell, Conn.

Strong 3-in. scarlet geraniums (single), and strong 3-in. heliotropes, $4.00 100. Strong 2-in. Mme. Salleroi, and strong 2-in. Stella Gurney and P. Pauline ageratums, $2.00 100. Jacob Tobler, 43d and W. Prospect Pl., Kansas City, Mo.

Geraniums, in fine bloom, $5.00 per 100. Double Gen. Grant, Double scarlet La France, Double White. Also a few hundred Verbenas at $2.50 per 100, mixed.
JOSEPH JONES, Box 5, Wappingers Falls, N. Y.

BARGAINS.
Vincas, large plants, long vines, $10.00; Basket and vase plants, $2.50; Alternantheras, red and yellow, $2.00; yellow coleus and bouvardias, $2.50. Levant Cole, Battle Creek, Mich.

BEGONIAS.

Begonias, Tuberous rooted, single (1¼-1½-inch bulbs), in separate colors, 20c per doz.; $1.10 per 100; $10.00 per 1,000. This exceptional offer is made to clear the stock.
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Rex begonias, Lesoudsii and Clementina, $2.50 per 100. Begonias, Ruhra, Thurstoni, Argenteo-Guttata, Alba Perfecta Grandiflora, $2.50 per 100. Other good varieties in assortment, $2.00 per 100. Schmidt & Botley, Springfield, O.

Begonias—Ruhra, Argenteo-Guttata, Carnot, De Lessepa, Metallica, large, strong, 2½-in. pots, $2.50 per 100. C. M. Niffer, Springfield, Ohio.

Begonia Rex, fine assortment, $4.00 100. Begonias, 10 best flowering sorts, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

Will sell 100 fine 2½-in. Gloire de Lorraine at $2.00 per doz. Cash with order. Roney Bros., West Grove, Pa.

Rex Begonias of assorted kinds, named; 2-in., $4.00 per 100.
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Begonia Rex, best varieties, 2½ and 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

BERRIED PLANTS.

Jerusalem cherry, 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

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Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

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Caladium esculentum, 4 to 6-in., $1.00 per 100.
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Cacti and Succulents. Specialist, Importer and Exporter. Frantz De Laet, Contich, Belgium.

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Caladiums. Strong, 2 to 4 large leaves; 5-in., $15.00 100. Cash. Tony Wean, 60 West Delavan Ave., Buffalo, N. Y.

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Cannas—Burbank, Austria, Bronze Beauty (red foliage), and Gigantea (giant variety), strong roots, $1.00 per 100. Chas. Henderson, Austria, Paul Marquant and Alphonse Bouvier, well-established plants in pots, $3.00 per 100. Fairview Floral Co., Beatty, Ohio.

Cannas, Mme. Crozy, Florence Vaughan, Italia, Austria, Chas. Henderson, Beaute Poitevine, Souv. de A. Crozy, Queen Charlotte, strong plants, 4-in. pots, $7.00 per 100. Cash with order. Grovedale Nurseries, A. Mallon, Jr., Mgr., D St., above Wyoming Ave., Phila., Pa.

Cannas Florence Vaughan, Queen Charlotte, $4.00 100; Chas. Henderson, Bronze Seedling, Austria, Burbank, Sunray, J. Mantell, Eldorado and Italia, $3.00 100. All strong plants from 3-in. pots.
W. A. WETTLIN, Horncllsville, N. Y.

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Cannas. Austria, Bouchard, Charlotte, Allemania, L. Vaughan, Crozy, Berat, Bismarck, Fl. Vaughan, Italia and Burbank, out of pots, $5.00 100. Mixed varieties, $4.00 100. Geo. L. Miller, Newark, O.

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Cannas. Crozy, Robt. Christy, Fl. Vaughan, A. Bouvier, Burbank, C. Henderson, fine plants, 2 ft. high $2.50 per 100. S. M. Harbison, Danville, Ky.

Cannas. Souv. de Antoine Crozy, strong started plants, $3.00 100. Alsace, dormant, $1.00 100. Alfred H. Walker, Hollis, L. I., N. Y.

Cannas, fine strong plants in 3 and 3½-in. pots, mixed varieties, $5.00 per 100. T. C. Breece, West Berlin, Ohio.

Cannas Henderson, Cleveland, Mme. Crozy, etc., 3 and 4-in., $4.00 per 100. James Frost, Greenville, Ohio.

We still have left a few of the best cannas in 3 and 4-in. Geo. A. Kuhl, Pekin, Ill.

Cannas, in variety, 3-in., $5.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

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10,000 carnations from flats, fine stock, Scott, Crocker, pink Bobolink, G. Lord, Mac Richmond, McGowan, etc., $15.00 per 1000; 500 for $7.50. Cash. Benj. Connell, West Grove, Pa.

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Carnations. Send to us for prices on what you need.
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CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

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Centaurea gymnocarpa, fine plants, $2.50 and $3.50 100. Greene & Underhill, Watertown, N. Y.

Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

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Chrysanthemums, the largest and finest stock in the country.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
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YELLOW.		
October Sunshine	2.00	2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
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Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whildin	1.30	2.00
PINK.		
Montmort	1.30	2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
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Pink Ivory		
RED.		
Defender	1.50	2.00
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Childs	1.50	2.00
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SPECIAL—Immense stock of COL. APPLETON rooted cuttings, $15.00 per 1000; 2½-in. pots, $20.00 per 1000. BONNAFFON rooted cuttings, $10.00 per 1000; 2½-in. pots, $18.00 per 1000. Fine stuff.

No order filled for less than $2.00, or less than 10 of a variety.
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Parks, Pitcher,
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Rooted cuttings, $2.00 100; 2½-in. pots, $4.00 100.

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Jerome Jones, Perrin,
Maud Dean, Lincoln,
Pink Ivory, White Ivory
Shrimpton, Newitt,
McArthur, Rieman,
Harriott,
Rooted cuttings, $1.50 100; 2½-in. pots, $3.00 100.

R. H. Pierson, Robinson.
Glory of Pacific, Polly Rose,
Rooted cuttings, $1.00 100; 2½-in. pots, $2.50 100.

Cash with order.
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Chrysanthemums. Fine, strong plants from 2½-inch pots. Per 100:

T. Eaton	$4.00	George S. Kalb	$3.00
N. Pockett	8.00	Ivory	3.00
Lady Roberts	8.00	Mrs. J. Jones	3.00
Mrs. E. D. Smith	6.00	H. A. Parr	3.00
Golden Beauty	8.00	R. Halliday	4.00
Mrs. Chamberlain	8.00	Bonnaffon	3.00
Bergmann	3.00	Philadelphia	5.00
Willow Brook	3.00	Modesto	3.00
Merry Monarch	3.00	Nagoya	3.00
Polly Rose	3.00	Xeno	3.00
M. de Montmort	3.00	Childs	4.00
Glory of Pacific	3.00	Intensity	4.00
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Our selection of standard varieties, $20.00 per 1000; $12.00 per 500. Send for complete list.

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Chrysanthemums.—W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Parks, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.

Modesto, Monroyia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
R. F. Tesson, West Forest Park, St. Louis, Mo.

Chrysanthemums. Indiana, Mrs. O. P. Bassett, Eda Prass, Ivory, Simplicity (fine white), Monarch of Ostrich Plumes, Fisher's Torch, Glory of Pacific, Robinson, Dorothy Toler, Mrs. Jerome Jones, Xmas Eve, Queen, Mrs. Egan, Frank Hardy, Bonnaffon, Admiral Sampson and Mrs. J. Lewis Childs, fine strong plants ready for planting, 25c per doz., $2.00 per 100; extras added to help pay express.
Fairview Floral Co., Beatty, O.

Chrysanthemums.	Standard varieties.
Bonaffon,	Minerva.
Cullingfordii.	Mrs. Jerome Jones.
Eureka.	Mrs. J. D. Whilldin.
Modesto.	Murdock.
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2½-in. pots, 30c per doz., $2.00 per 100. 1000, our selection, of from 15 to 20 kinds, for $15.00.

Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.
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50,000 chrysanthemums, 2¼-in. pots.

	Per 100	Per 1000
Timothy Eaton	$3.50	$30.00
Col. D. Appleton	3.00	25.00
Ivory, Maud Dean, Bonnaffon, Willow Brook	2.50	20.00
White Bonnaffon	4.00	

J. D. BRENNEMAN, P. O. Box 24, Harrisburg, Pa.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.
MRS. J. W. CROUCH, Chattanooga, Tenn.

Lady Harriet, 2½-in., $3.00 per 100; Bonnaffon, 2½-in., $2.00 per 100; Col. D. Appleton, R. C., $1.00 per 100; Timothy Eaton, R. C., $1.00 per 100; B. Halliday, R. C., $1.00 per 100; Mrs. T. Carrington, R. C., $1.50 per 100; Bentley, 2¼-in., 25c each. G. A. Lotze, Jr., Glen Burnie, A. A. Co., Md.

2½-inch pots, Timothy Eaton, Col. D. Appleton, $4.00 per 100. The following at $2.50 per 100: 1000 Robinson, 1000 Maud Dean, 600 Bonnaffon, 500 Jones, 200 Chadwick, 200 Pennsylvania, 300 white Ivory, 300 pink Ivory. Edw. J. Taylor, Southport, Conn.

Chrysanthemum rooted cuttings. Marion Henderson, Maude Dean, Mrs. Weeks, Pres. Smith, Willow Brook, Ivory, G. Kalb, Glory Pacific, $1.00 per 100. Out of 2¼ and 2½-in. pots, $2.00 per 100. Cash with order. Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Chrysanthemums, fine, strong plants from 2½-in. pots ready for planting. Pink and white Ivory, Weeks' Lager, Bergmann, Maud Dean, Glory of Pacific, Bonnaffon, and Polly Rose, $2.50 per 100, $20.00 per 1,000.
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Rooted Eaton cuttings from young plants—the kind that will grow—$2.00 100, and we prepay charges if you send the cash. A postal brings back your money if you are not satisfied. Wm. Geenen, Kimberly, Wis.

Rooted cuttings of Bonnaffon, Ivory, Lager, Henderson, White and Yellow Monareh and Glory of Pacific, at $1.00 per 100. Cash with order. H. Stahlhut, New Lots Road and Shepherd Ave., Brooklyn, N. Y.

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5,000 chrysanthemums, stocky 2-in., of the following varieties at 2c: Golden Wedding, Chadwick, Robinson, Yanoma, Silver Wedding, Lady Fitzwigram, Appleton, Eaton, 3c. Joy & Son Co., Nashville, Tenn.

10,000 mums in 2¼ and 2½-in. pots. Appleton, Orizaba, Oct. Sunshine, Intensity, Monrovia, Adele, Bonnaffon, Ivory, etc., $20.00 per 1000. Cash. H. D. Darlington, Flushing, L. I., N. Y.

Chrysanthemums. Mrs. Robinson, Yellow Queen, Philadelphia and Major Bonnaffon from 2-½ and 3-in., $2.00 100. Cash with order. F. Blondeel, 722 No. 64th Ave., Oak Park, Ill.

Chrysanthemums, E. G. Hill, Modesto, Maud Dean, Bonnaffon, Yanoma, Bigelow, Robinson, Bloodgood and Ivory, 2½-in., $2.00 100, $15.00 1,000. A. D. Montgomery, Hazelton, Pa.

Chrysanthemums. Timothy Eaton, from sand, $2.50 100; 2¼-in. pots, $3.75 100; Col. D. Appleton, 2¼-in. pots, $3.00 100. G. Hanson, 1021 So. Cameron St., Harrisburg, Pa.

Chrysanthemums, 2½-in. pots, per 100: Bonnaffon, T. L. Park and Maud Dean, $2.00; Appleton, $2.50; Timothy Eaton, $3.00. Coolidge Bros., South Sudbury, Mass.

Bonnaffon, White Ivory, White and Yellow Monarch, Pacific, Bergmann, 2-in, fine stock, $1.75 per 100. Cash with order. Albion Place Nurseries, Paterson, N. J.

Chrysanthemums. All good commercial varieties. R. C., $1.00 per 100; 2½-in., $2.50 per 100. Send for list. Krueger Bros., Toledo, O.

Col. Appleton chrysanthemums—800 3½-in., $4.00 100; 700 2½-in., $2.00 100. Cash. C. L. Howe, Dover, N. H.

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Chrysanthemums. A few choice 2-in. plants of Major Bonnaffon, Glory of Pacific and other leading varieties, $2.50 per 100.
Harry White, R. R. No. 6, Wabash, Ind.

Chrysanthemums. Leading varieties, 2½-in. pots, $2.00 per 100. Ready for bench. D. O. Pratt, Anoka, Minn.

Chrysanthemums. Col. Appleton and Jerome Jones, 2½-in., $3.00 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

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Cobea scandens, 4-in., $5.00 100. Strong, clean plants. La Roche, Collingdale, Pa.

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Coleus. 300 Verschaffeltii, 2½-in., good, stocky, $2.50 100; the 300 for $7.00. 400 rooted cuttings of same, 50c 100. Mixed varieties, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

10,000 coleus, 2½-in. pots. Golden Bedder, Park Beauty, Nellie Grant, Butterfly and 10 other sorts, $2.00 100, $15.00 1000; 500 at 1000 rate. Cash. Critchell's, Cincinnati, O.

Pink and yellow Verschaffeltii and Her Majesty, fine plants, $3.00 100. Ass't colors, our selection, $2.50 100. Greene & Underhill, Watertown, N. Y.

Coleus. G. Bedder, R. Verschaffeltii and Queen Victoria, 2½-in., $15.00 1000; rooted cuttings, $3.50 1000. C. A. Schaefer, York, Pa.

Coleus. G. Bedder, Verschaffeltii and 3 bright var., 2½-in., strong plants, $2.00 100. Cash with order. C. G. Papsch, Moorestown, N. J.

Coleus, elegant plants, ready for immediate effect; best bedding sorts, $1.50 per 100. Cash with order. Mrs. M. Cavanaugh, Ionia, N. Y.

500 coleus, 3 very best varieties, 2½-in., extra fine plants, $2.00 100 to close out. Geo. M. Brinkerhoff, Springfield, Ill.

Coleus, 20 standard varieties, 2-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Grand selection of coleus, 2¼-in. pots. Rooted cuttings. Cheap. J. T. Cherry, White Hall, Ill.

Coleus Verschaffeltii, 2-in., $2.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

Write for low prices on nice 2½-in. coleus and geraniums. Roney Bros., West Grove, Pa.

Coleus, 2-in., $2.00, 3-in., $3.00 100. Cash.
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Coleus, strong, clean 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

Golden Bedder, $2.50 per 100. Schmidt & Botley, Springfield, O.

5000 2-in. coleus. Geo. A. Kuhl, Pekin, Ill.

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Cupheas, 2½-in., $2.50 100; 4-in., $5.00 100. Strong, clean plants. La Roche, Collingdale, Pa.

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Cycas revoluta, in assorted sizes from 3 to 12 lbs., 10c per lb. Special prices on large quantities. J. M. Thorburn & Co., 36 Cortlandt St., New York.

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Cyclamen Giganteum. Extra strong July seedlings in separate colors.

	Per 100.
2½ inch pots	$ 4.00
3 inch pots	8.00
4 inch pots	12.00

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Cyclamen giganteum, extra fine strain and plants; in separate colors, ready in July; 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen, 2½-in., stocky plants, $3.00 100. Converse Greenhouses, Webster, Mass.

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Dahlias. Gloire de Lyon, Empress of Austria, Mme. Lorton, Mme. Furtaldo Oblata, Keyne's White, etc. Collection of 200 varieties, each 25c. Ready July 1.
BEAULIEU, Woodhaven, N. Y.

Dahlias, fine plants, $6.00 and $10.00 100. Greene & Underhill, Watertown, N. Y.

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Burbank's Shasta daisy. Plants, 25c each, $2.50 doz., $15.00 100, $100.00 1,000; 25 at 100 rate, 500 at 1,000 rate. California Carnation Co., Loomis, Cal.

Daisies. Marguerite, Mme. Gaillbert, best white, $1.50 100, $10.00 1000.
Good & Reese Co., Springfield, O.

DRACÆNAS.

Dracaena indivisa, 2 to 3 plants to pot, 2 ft. high, $4.00 doz. J. Wm. Coldesh, 53rd and Woodland, Philadelphia, Pa.

Draceana indivisa from 2-in., clean, strong plants, $2.00 100. La Roche, Collingdale, Pa.

Dracaena indivisa, good stock, 2¼-in., $2.25 per 100. Hull Floral Co., Morris, Ill.

EUONYMUS.

Euonymus, silver leaved, 2½ and 3-in., $4.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

FERNS.

FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months. ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.
ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, N. J.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
John H. Ley, Good Hope, Washington, D. C.

Adiantum cuneatum, 2½-inch pots, $2.75 per 100; $22.50 per 1000. Cash with order. Send for sample. The F. R. Williams Co., Cleveland, O.

Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000, Beard Bros., West Fort St., Detroit, Mich.

FERNS IN FLATS. Buy from the grower and save jobber's commission, $1.50 per flat of 110 clumps. Sunnyside Fernerics, Secaucus, N. J.

Boston ferns in all sizes, from 4 to 10-in. pots. Let us hear from you. Geo. A. Kuhl, Pekin, Ill.

Boston ferns, bushy plants, 6-in., 50c each, $6.00 doz. John Welsh Young, Germantown, Pa.

Fern Balls, good size, $25.00; extra, $30.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

FUCHSIAS.

Fuchsia, double white, Mrs. E. G. Hill, Rosanis Patri Glorie des Marches, $2.50 per 100. Fuchsias in good assortment, $2 per 100. Schmidt & Botley, Springfield, O.

Fuchsias, in variety; 2 and 2½-in., $2.50 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

Fuchsias, 2½-in., $2.50 100; 4-in., $5.00 100. Strong, clean plants. La Roche, Collingdale, Pa.

Fuchsias, best sorts, fine plants, $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

GARDENIAS.

Gardenia florida flo. pl., first-class outdoor-grown plants several times transplanted, well-rooted and branched, free from scale. First size, 24 to 36 inches, splendidly branched, in bud, $20.00 per 100; 2nd size, 18 to 24 inches, branched and budded, $15.00 per 100; 3rd size, 12 to 18 inches, branched, $8.00 per 100. Rooted cuttings from 2½-in pots, $2.00 per 100. B. H. RITTER, Port Royal, S. C.

GAZANIAS.

Gazania splendens, 3-in., bud and flower, $5.00 per 100. E. & C. Woodman, Danvers, Mass.

GERANIUMS.

Best recent introductions: Mme. Charotte, Jean Viaud, Mme. Landry, Charron, 2-in., $3.00 100. Standard varieties: Nutt, Mars, Marvel, Mme. Buchner, La Favorite, Duc de Montmort, Theo. Theulier, Castlers, Bruant, Pierre Le Brun, 2-in., $2.50 100. Strong frame-grown: Duc de Montmort, Jaulin, Marvel, Nutt, 4-in., $7.00 100. Mara and America, 3½-in., $5.00 100.
N. SMITH & SON, Adrian, Mich.

GERANIUMS composed of S. A. Nutt, Richard Brett, La Pilot, Frances Perkins, Beaute Poitevine, Double Gen. Grant, Bruanti, Ruy Blas, Gloire de France, Centaureau, Alphonse Ricard, Margaret de Leyas, Jas. Gaar, Wunder, Granville, La Favorite, Mme. Bruant and several other varieties in 2¼-in. pots. We also have Rose Geraniums. We don't say that we have a hundred thousand, but we will be pleased to receive orders for a hundred, thousand or a hundred thousand at the following prices: $2.50 per 100, $25.00 per 1000, or $100.00 for 5000. Cash with order.
J. E. FELTHOUSEN, Schenectady, N. Y.

Single and double geraniums in bud and bloom; good short stuff, including La Favorite, Bruant, Commodore Nutt, Sheridan, King of Scarlets, Naomi and Beaute Poitevine, 2½-in., $2.50 100, $20.00 1,000; 500 at 1,000 rate. Cash. Critchell's, Cincinnati, O.

Geraniums. White Swan, Arbutus, Crystal Palace Gem, Balm Scented and Ivy. Chas. Turner, Peter Crozy, Galilee, La Rosine and Holly Wreath, fine plants, $2.00 per 100. Fairview Floral Co., Beatty, Ohio.

Geraniums, 3½ to 4-inch; 20 leading varieties in single and double; every one in bud and bloom, $6.00 per 100. No better at any price. J. G. Reynolds & Son, 261 West Pulteney St., Corning, N. Y.

Geraniums. 1,000 Beaute Poitevine, strong plants in bloom, from 4-in., 7.00 per 100. Also a fine lot of rose-scented geraniums in 4-in., $6.00 per 100. A. H. Fewkes, Newton Highlands, Mass.

Geraniums S. A. Nutt, Dbl. Gen. Grant and Mme. Thibaut, fine strong plants, in bud and bloom, from 4-in. pots, $5.00 per 100. Cash or C. O. D. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Silver geraniums, in variety, 2½ and 3-in., $3.00 100. Scented geraniums—Rose, Nutmeg, Lemon, Balm, Mrs. Taylor, $3.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

Geraniums from 4-inch pots, strong plants in bloom, S. A. Nutt, Queen of the West and standard varieties of cannas at 7.00 per 100. Mrs. Geo. Waldbauer, Saginaw, W. S., Mich.

Geraniums, fine plants, good varieties, $3.50 100. Rooted cuttings of all the standards and of many of the new ones. Send for list. Greene & Underhill, Watertown, N. Y.

Our geraniums that have been bedded in on the shelf are equal to 4 or 5-in. pot plants and we sell 'em at $3.75 100. We pack light. E. I. Rawlings, Quakertown, Pa.

Geraniums from 4-in. pots, mixed; good kinds such as A. Ricard, Poitevine and D. C. Bruant, $5.00 100. J. J. Vondersaar, 1537 Madison Ave., Indianapolis, Ind.

Dbl. Gen. Grant and Poitevine, strong bushy plants in bud and bloom, 3½ and 4-in., $3.50 100; extra 3-in., $2.50 100. Cash. Wm. S. Herzog, Morris Plains, N. J.

Geraniums. Apple Scented, $2.50 100; Scented, Oak-leaved, Shrubland, Balm, Lemon, Broad and Cut-leaf Rose, $2.00 per 100. Good & Reese Co., Springfield, O.

2000 geraniums for sale cheap; variety S. A. Nutt. Also a lot of coleus and bedding stock. R. Jamison, Thorp's Lane & Wister St., Germantown, Phila., Pa.

Geranium Frances Perkins, best pink, in bloom, 3-in., $4.00 100; 2½-in., $2.00 100. Coolidge Bros., South Sudbury, Mass.

Geraniums, strong plants, best bedders, mostly scarlet, $2.00 per 100. Cash with order. Mrs. M. Cavanaugh, Ionia, N. Y.

Geraniums in bloom. Fine, stocky 4-in., $6.00 and $8.00 100; 3-in., $5.00. Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

Geraniums, 20 leading sorts, 2¼-in., $2.00 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, mixed, to close out at $2.00 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

1,000 Mme. Salleroi geraniums, 3½-in., $4.00 100. Cash. C. L. Howe, Dover, N. H.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

GLADIOLI.

SPECIAL OFFER. Choice bulbs. 4,000 white and light colors, $1.25 100, $10.00 1,000; 3,000 pink, several shades, $1.00 100, $8.75 1,000; 1,000 scarlet and crimson, 75c 100, $6.50 1,000; 3,000 choice mixed, all colors, 75c 100, $6.00 1,000. Subject to being unsold on receipt of order.
H. F. MICHELL, 1018 Market St., Philadelphia, Pa.

HARDY PLANTS.

Box, evergreen; fine for borders, $2.50 100, $20.00 1000. Rudbeckia Golden Glow, $2.00 100.
Good & Reese Co., Springfield, O.

ALL HOLLAND NURSERY STOCK.
ENDTZ, VAN NES & CO.,
BOSKOOP. Catalogue free. HOLLAND.

HELIOTROPE.

Heliotropes. 2½-in., $2.50 100; 4-in., $5.00 100. Strong clean plants. La Roche, Collingdale, Pa

Heliotropes, in variety, 2½ and 3-in., $3.00 100. Cash. R. S. Brown & Son, Kansas City, Mo.

Heliotrope, 3-in., $4.00 per 100. Critchell's, Cincinnati, Ohio.

Heliotropes, 6 best sorts, $1.00 100, $6.00 1000.
Good & Reese Co., Springfield, O.

HIBISCUS.

Hibiscus in variety, 2 and 2½-in., $2.50; 4-in., $5.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

HYDRANGEAS.

Hydrangeas, pink and blue; strong, clean, 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

IVY.

2000 English Ivy. Runners, 4 to 6 feet long, two plants to pot, out of 4-in. pots, $10.00 per 100. Strong rooted plants, from soil, $10.00 per 1000. John Albrecht, Pencoyd (near Philadelphia), Pa.

Ivy plants, 2½-in. pots, three feet long and over, 4 cents; under 3 feet, 3½ cents. Ed. Herrmann, North and Milton Avenues, Baltimore, Md.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

LANTANAS.

Lantanas, in variety, $2.00 100, $15.00 1000. Weeping, $1.50 100, $10.00 1000.
Good & Reese Co., Springfield, O.

LILY OF THE VALLEY.

Finest Lily of the Valley pips from cold storage, $13.00 per 1000. H. N. Bruns, 1409-1411 West Madison St., Chicago.

MOONFLOWERS.

Moonflowers, 3-in. pots, early-blooming sorts; well-staked, strong plants; vines 2 to 3 ft. long. $5.00 100. Cash. Critchell's, Cincinnati, O.

Moonvines, white, 2-in., $2.50 100. Good stock. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

Moonvine, 4-in., $6.00 per 100. James Frost, Greenville, Ohio.

Moonvines, blue and white, $2.50 100.
Good & Reese Co., Springfield, O.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

MYRTLE.

1,800 extra heavy myrtle plants from 2½-in. pots, $3.00 100, $25.00 1000; rooted cuttings from flats, $1.50 100. Chas. Schwelgert, Niles Center, Ill.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.
Hall's Nurseries, Cherry Valley, Ill.

PAEONIES—September shipments.
J. F. Rosenfield, West Point, Neb.

PALMS ETC.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyocote, Pa.

LATANIA BORBONICA. 20,000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.
Wanted—500 small asparagus plumosus nanus in exchange for above.
W. J. HESSER, PLATTSMOUTH, NEB.

LATANIAS.

Plants to pot.	Leaves.	Per Plant.
2 to 4	18 to 22	$4.00
2 to 4	15 to 18	3.50
2 to 3	12 to 15	3.00
1 to 3	8 to 10	2.75
1	7 to 8	2.50

From 6-in. pots, 1 plant to pot, 16 to 18 inches high, 50c each.
Pandanus Utilis, 5-in. pots, $5.00 per doz.
J. Wm. Coldesh, 53rd and Woodland Ave., Philadelphia, Pa.

PALMS. Fine young stock from 2½-in., all the leading sorts, $2.50 100, $20.00 1000.
Good & Reese Co., Springfield, O.

Pandanus Veitchii, nice for vases, 6-in., $1.00 each. Also larger sizes.
John Welsh Young, Germantown, Pa.

Kentia Belmoreana, 2¼-in., $40.00 per 1000. Sunnyside Feneries, Secaucus, N. J.

PENNISETUM.

Pennisetums. Longistylum (white plumed) and ruppelianum (purple plumed), 2½-in. pots $2.50 100. N. Smith & Son, Adrian, Mich.

PEPPERS.

Japanese Peppers, 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

Oriental Peppers, fine 2-in. stock, 6 best varieties, $2.00 per 100. J. F. Kidwell & Bro., 3806 Wentworth Ave., Chicago.

PETUNIAS.

Double fringed petunias, 10 varieties, strong 2½-in., in bloom and bud, $1.25 100, $10.00 1000; 500 at 1000 rate. Cash. Buckley Plant Co., Springfield, Ill.

Petunias. Dreer's and Henderson's best double fringed; 2½ and 3-in., $2.00. Very cheap to close out. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias, single giant fringed, strong 3-in., in bloom, $1.75 100, $15.00 1000. Cash. Wm. S. Herzog, Morris Plains, N. J.

Petunias, double and single, fringed, 2½-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias, in bloom, $2.50 and $3.00 100. Greene & Underhill, Watertown, N. Y.

ROSES.

CLEARING SALE OF ROSE PLANTS.

	1,000.
7,000 Maids, 3-in pots	$30.00
4,000 Maids, 2¼in. pots	20.00
3,500 Maids, 4-in pots	40.00
2,000 Golden Gates, 4-in. pots	40.00
1,000 Golden Gates, 3-in. pots	30.00
1,000 Golden Gates, 2-in. pots	20.00
1,500 Meteors, 4-in. pots	40.00

250 at 1,000 rate.
This stock is as good as can be grown and guaranteed to be so.
BASSETT & WASHBURN, 76 Wabash Ave., Chicago.

Roses for winter flowering. Fine, healthy stock from select cuttings.

Perle,	Bride,
Wootton,	Bon Selene,
Safrano,	Papa Gontier,
Maid,	Mme. Hoste,
Golden Gate,	Kaiserin,
Meteor,	

3-in., $7.00, 4-in. $10.00 per 100.
American Beauty, Sunrise, Liberty, 3-in., $9.00, 4-in., $12.00 per 100.
GRAFTED ROSES. Kaiserin and Golden Gate, 3½-in., $15.00 per 100.
J. L. DILLON, Bloomsburg, Pa.

Well-grown rose stock in perfect condition to plant:

		100	1000
American Beauties	3 inch	$8.00	$75.00
American Beauties	2½ "	6.00	50.00
Perles	3 "	5.00	50.00
Meteors	3 "	4.00	40.00
Golden Gates, extra fine	3 "	5.00	45.00
Brides	3 "	5.00	45.00
Brides	2½ "	3.00	25.00

W. H. GULLETT & SONS, Lincoln, Ill.

ROSE PLANTS. Cheap to close out.

American Beauties	3-inch.	$60.00 per 1,000
American Beauties	2-inch.	40.00 per 1,000
Bridesmaids	2-inch.	20.00 per 1,000
Brides	3-inch.	30.00 per 1,000
Meteors	3-inch.	30.00 per 1,000
Meteors	2-inch.	20.00 per 1,000

J. A. BUDLONG, 37-39 Randolph St., Chicago.

I offer the following clean and healthy surplus stock:

Mme. Cusin	2½-in. pots
Sunrise	2½-in. "
Liberty	2½-in. "
Mme. Watteville	3-in. "
Mme. Caroline Testout	3-in. "

and after July 1st, a limited number of grafted two and three-year-old LIBERTIES, lifted from bench. Prices on application.
E. G. Asmus, West Hoboken, N.J.

ROSE PLANTS from 2½ and 3-inch pots.

	100	1000
American Beauties, 2½-in.	$6.00	$50.00
American Beauties, 3-in.	8.00	75.00
Meteors, 2½-in.	2.50	20.00
Meteors, 3-in.	4.00	35.00
Perles, 2½-in.	3.00	25.00
Brides, 2½-in	3.00	25.00
Bridesmaids, 2½-in.	3.00	25.00
Golden Gates, 2½-in.	3.00	25.00

GEO. REINBERG, 51 Wabash Ave., Chicago.

ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	Per 1000	3-in. Per 1000
Maids	$3.00	$25.00	$40.00
Brides	3.00	25.00	40.00
Meteors	3.00	25.00	40.00

Golden Gates, 2½-in., $3.00 per 100, $25.00 per 1000; 3-in., $4.50 per 100, $40.00 per 1000.
POEHLMANN BROS. CO., Morton Grove, Ill.

Young rose stock. Cuttings from grafted plants. 3-inch Maids, Brides and Meteors, $5.00 per 100, $45.00 per 1000. 3½-inch Maids, Brides and Meteors, $6.00 per 100, $55.00 per 1000. Cash with order. Send for sample.
The F. R. Williams Co., Cleveland, Ohio.

Roses. No. 1 stock.	Each.
500 Brides, 4-in. pots	6c
500 Maids, 4-in. pots	6c
300 Brides, 3-in. pots	4c
500 Maids, 3-in. pots	4c

JOY & SON CO., Nashville, Tenn.

	Per 100.	Per 100
4000 perles, 3-in. pots	$4.00	$35.00
1500 La France	4.00	35.00
5000 Kaiserin	4.00	35.00

J. D. Brenneman, Box 24, Harrisburg, Pa.

Rose plants, well-established: Perle, Golden Gate 2½-in., $3.00 100, $25.00 1,000; American Beauty, 2½-in., $6.00 100, $50.00 1000; 3-in. $8.00 100, $75.00 1000.
P. REINBERG, 51 Wabash Ave., Chicago.

SUNRISE has always taken a premium wherever shown; will be planted more generally than last season; 2¼-in. pots, $10.00 per 100; 3-in., $15.00 per 100.
Myers & Samtman, Chestnut Hill, Phila., Pa.

Roses from 2½-in. pots. PERLES, $3.50 100, $30.00 1,000; MAIDS, BRIDES and GOLDEN GATES, $3.00 100, $25.00 1,000. W. B. Sands, Lake Roland, Baltimore, Md.

Kaiserin roses, strong plants from 2½-in. pots, $3.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

AMERICAN BEAUTIES, 2¼-in., $60.00 per 1000; 3-in., $10.00 per 100; 4-in., $15.00 per 100. Ready for immediate shipment.
Myers & Samtman, Chestnut Hill, Phila., Pa.

Am. Beauties, 3-in., best ..... $6.00 per 100
Am. Beauties, 3-in., 2nds ..... 5.00 per 100
Cash with order.
CHAPIN BROS., Lincoln, Neb.

We have 3000 fine METEOR rose plants in 3½-in. pots to spare at $60.00 per 1000; $7.00 per 100. Cash with order, please.
Benjamin Dorrance, Dorranceton, Pa.

Roses. Brides, Maids, Golden Gates, 2½-in., $2.50 per 100. Maids, 4-in., $5.00 per 100. 200 Beauties, 4-in., $8.00 per 100.
D. O. Pratt, Anoka, Minn.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

C. Soupert, Jacqueminot, des Blanches, La France, Malmaison, etc. Fine, clean plants from 5-in. pots, 9c.
W. H. Salter, Rochester, N. Y.

Brides, Bridesmaids, Meteors and Golden Gates, 2½ and 3-in., $3.50 100. 4-in. Kaiserins, $10.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Bride, Bridesmaids, Perle and Golden Gate roses, 4-in., $8.00 per 100.
Geo. L. Parker, Washington & Rockwell Sts., Boston, Mass.

Maids and Brides, 2½-in., well-grown, $2.50 100, $22.50 1000; 3-in., extra fine, $4.00 100, $32.50 1000. Cash. C. Rayner, Anchorage, Ky.

2000 surplus Meteors 3-in.; clean, strong and fine stock, $85.00 for the lot. Cash with order. L. B. Coddington, Murray Hill, N. J.

American Beauties, strong, 3-inch plants. Edward Towill, Roslyn P. O., Pa.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

ROSES—Continued.

Strong, healthy rose plants. Per 100
300 American Beauties, 2½-in. pots.....$6.00
700 Brides, 2½-in. pots..... 2.50
200 Maids, 2½-in. pots..... 2.50
We guarantee satisfaction or money will be refunded.
JOSEPH LABO, Joliet, Ill.

Climbing Soupert, strong 6-in. plants, 18 to 24 inches high, $3.00 doz. La France, good 2-year-old stock, 6-in. pots, $3.00 doz. Queen's Scarlet, clean healthy plants, 6-in., $3.00 doz. C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

ROSE PLANTS—SPLENDID STOCK.
Golden Gates 3-in.....$ 5.00 per 100
Maids, 3-in..... 5.00 per 100
Brides, 3-in..... 5.00 per 100
Beauties, 3-in..... 10.00 per 100
BROWN & CANFIELD, Springfield, Ill.

Roses. Bridea, Meteors and Maids, good clean stock, 3-in., $4.00 100. La Roche, Collingdale, Pa.

Roses, Brides and Maids, 2¼-in., $2.50 100, $20.00 1000. Joseph Bradbury, South Orange, N. J.

Brides and Maids, 2½-in., $2.50 per 100; 4-in., $4.00 per 100. Marion Floral Co., Marion, Ind.

Roses, to close them out; Bride and Bridesmaid, 3-in., $30.00 per 1000; $3.50 per 100.
BEN. L. ELLIOTT, Cheswick, Pa.

2000 Fine Bridesmaids Roses, 3½ and 4-in. pots, $4.00 per 100. Cash with order.
J. HORAN & SON, Bridgeport, Conn.

LIBERTY ROSES, 1500 in 2 by 2½-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

RUBBERS.

Top cuttings of Rubbers, 5 to 8 leavea, well-rooted, out of 3-in. pots, $15.00 per 100.
A. C. OELSCHIG, Savannah, Ga.

SALVIA.

Salvia, in bloom, 2½ and 3-in. $4.00 100, Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

Bonfire, Splendens and Silver Spot, 3-in., $2.00 100. C. G. Papsch, Moorestown, N. J.

Salvia splendens, $2.50 per 100. N. Smith & Son, Adrian, Mich.

SEEDS.

Unrivaled strains from English specialists. Cineraria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Calceolaria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Primula (Chinese primrose), English Prize, fringed, mixed, 100 s., 25c; 500 s., $1.00; 1,000 s., $1.50. Primula Forbesii (Baby Primrose), rosy lilac, 100 s., 25c.; 500 s., $1.00. Primula obconica grand., 100 s., 20c; 1,000 s., $1.50. Pansy, J. & S. Kingly collection, the finest strain of giant pansies now offered to the trade, 1,000 s., 30c; 2,000 s., 50c; 5,000 s., $1.00; per oz., $5.00.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

SEEDS. Chinese primrose, large-flowering fringed, single and double. Mixed, 500 seeds $1.00, half pkt. 50c. Pansy, large-flowering varieties. Mixed, 5000 seeds, $1.00, half pkt. 50c. Cineraria, large-flowering dwarf. Mixed, 1000 seeds 50c. Primula obconica grand., large-flowering, showy. Mixed, 1000 seeds, 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Cash.
John F. Rupp, Shiremanstown, Pa.

Pedigreed seed from Rosecroft Gardens. Asparagus plumosus, $1.00 100, $6.00 1000. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed, $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

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Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
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FLOWER DECOYS.

One of our native orchids, Listeria ovata, has a flower which in shape resembles a species of beetle by which it is fertilized. Perhaps in the case the insect mimics the flower, as certainly happens with a pink colored Mantis in Java, which so exactly resembles a pink orchid that butterflies are attracted to it in mistake. The insect is carnivorous, and lies in wait for its prey, which is easily secured by the help of this strange disguise. Mutual resemblances of this description are rather characteristic of the orchideæ. From their resemblance, real or fanciful, to butterflies, moths, bees, spiders, etc., various species of habernaria, neotinea, and ophrys derive their names—the butterfly, spider, bee, and fly orchises. Parnassia palustris, one of the saxifrages, has five fan-like scales alternating with the stamens; the margins of the scales are fringed with hair-like processes, and each hair is capped with what appears to be a drop of honey. These are really hard dry knobs, but so much do they resemble drops of honey that flies lick them before discovering the imposture. The intention of these sham nectar drops may either be to decoy unprofitable guests from the real nectar, of which a limited supply is produced in the hollow of each scale, or to advertise it for the benefit of the more intelligent visitors. Somewhat analogous to these pseudo nectaries are the greenish swellings which arise on the veins of the petals of eremurus. These little swellings present a striking resemblance to aphides, or plant lice, and Kerner states that a fly accustomed to hunt after aphides pierces and sucks the swellings, apparently mistaking them for the insects.—"Knowledge."

RACINE, WIS.—The board of education has passed a rule forbidding the presentation of flowers to the high school graduates. It is likely the florists will hold a meeting to devise plans to prevent what they consider a "boycott" of their business.

ANN ARBOR, MICH.—A project is on foot to convert Felch Park and adjoining land into an important botanic garden under control of the state university.

PORTLAND, ORE.—The annual exhibition of the Portland Rose Society was held June 18 and 19. A floral parade was a leading feature.

WINTER-FLOWERING BEGONIAS.

The magnificent begonias now in full bloom (December 14) at Messrs. J. Veitch & Son's Nurseries, Feltham, are not from retarded tubers, like the liliums, lily of the valley, spiræs, azaleas, and other plants remarkable for their beautiful flowers at the Aquarium Show of Chrysanthemums which were produced by plants which had been subjected to the process of retarding by means of low temperature. They are simply the result of skillful cultivation and anyone having good greenhouse accommodation may enjoy their lovely flowers at this time of the year and for a couple of months longer if the right species and varieties be selected and proper attention is given to them.

In the first instance it may be interesting to state that all of them are hybrids of first or second degree from B. socotrana a lovely species introduced into our gardens by Messrs. J. Veitch & Sons some twenty years ago and one which possesses the great advantage of flowering naturally in midwinter. Unfortunately this most distinct plant is of a somewhat capricious behavior and on that account has not met with the general cultivation which it deserves and is seldom seen in first-class condition. The same drawback, however, does not apply to the several varieties resulting from the crossings which have been made with some varieties of the popular tuberous-rooted species. In begonias, as in the generality of hybrids produced by crossing distinct species, and notably orchids and nepenthes, the offspring are endowed with much greater vigor than their respective parents. This one reason undoubtedly accounts in part for the robust appearance of the plants grown at Feltham, and a skillful culture, such as the one directed by a grower of Mr. John Heal's experience, accounts for the rest. Be this as it may, it is an indisputable fact that the splendid winter-flowering begonias make at the present time a magnificent show which, if we take into account the innumerable quantity of flower-buds in various stages of development still on the plants, is most likely to last a couple of months longer and bring us well into the new year.

There are close upon a dozen varieties of these useful plants already in commerce, and if there are no white, yellow, or blue forms, on the other hand one may see and admire among them all the various tints and shades from pale pink to dark crimson, red and bright scarlet. Although three or four of these have quite single flowers, the majority produce double or semi-double flowers, and this is a certain advantage, inasmuch as in nearly all classes of plants a double or semi-double flower possesses the faculty of remaining longer on the plant than a single one. It may be of some interest to recall here the fact that the first of these hybrids, "John Heal" by name, was the result of a cross between B. socrotana and a crimson-colored variety of the tuberous section, called Viscountess Doneraile, and also that as a seed-bearing parent B. socotrana has only produced John Heal, Winter Gem, with flowers of a deep crimson color, with socotrana foliage, and Gloire de Lorraine, which at Feltham was the result of a cross between that interesting species and B. Moonlight; whereas, the original B. Gloire de Lorraine of Lemoine was given as the result of a cross betweeu socotrana and, I believe, B. Dregeana.

But if the offsprings of B. socotrana as the female parent are few in number, those resulting from crosses in which that species was used as pollen parent are numerous, and also varied in colors. There are Myra, Mrs. Heal and Winter Cheer, all three very bright rich red, large flowers, those of Mrs. Heal measuring fully 3 inches in diameter. The seed-bearing plant in this case was an orange-scarlet variety of the tuberous section. A semi-double flowering variety of the tuberous section, with rose-colored flowers, acted as the female parent which produced Ensign, a double bright pink variety so free-flowering that seveuty to eighty flowers and buds have been counted on plants 18 inches high, and grown in 32-pots. Winter Perfection, a variety of somewhat dwarf habit, with double, pink flowers, disposed on well-branched racemes, and with fine, dark shining foliage; and the remarkably pretty Ideala, a particularly dwarf variety, with double flowers of a deep, rich rosy-pink color, and disposed on racemes showing well above the foliage. In Venus we have a very fine semi-double variety, with bright red flowers, issued from a crimson-flowered tuberous form crossed with B. socotrana. But one of the most distinct of all that section is undoubtedly Julius, the result of a cross between a white-flowering variety of the tuberous section and B. socotrana. It is thoroughly distinct from all others, and its flowers, which are produced in great abundance, greatly resemble flowers of the justly popular double-flowered pink oleander, in color and shape, as well as in size of its very attractive flowers.

The only hybrid of the second degree known with certitude to this day is the variety Adonis, which is the result of a cross effected between an orange scarlet form of the tuberous section and John Heal, already an hybrid from B. socotrana.

As to the duration of the flowering season of the plants belonging to this interesting section, the reader may draw his or her own conclusions from the fact that the plants above described and now in full perfection at Messrs. J. Veitch & Son's Nurseries, have been exhibited two or three times this season at the Drill Hall, in which locality flowering plants do not improve. That any one may easily grow these plants is made sufficiently clear by the fact that they do not require a high stove temperature at any time, and that many of the plants now in flower were raised from cuttings struck in August last, and these of course, are only single shoots in 60-pots, but they each bear a spike of their lovely flowers, and measure only 8 inches to 9 inches high, whereas the one-year and two-year-old plants, which are grown in pots 5 to 7 inches across, are bushy specimens 18 to 22 inches high, and produce flowers in great abundance. It may be stated here that it is of the utmost importance to insure thorough success, that the plants should be kept perfectly clean and free from injurious insects, and especially of those of a little yellow thrips which shows a great partiality towards their succulent foliage, but which may easily be kept off by careful attention and occasional fumigations, which should be of a light character and somewhat frequent during the period of growth of the plants, that is, from May to November.—J. Schneider, in Gardeners' Chronicle.

Bloomington, Ill.—The recent storm damaged to some extent all the greenhouse plants here. The Phoenix Nursery Co. and F. A. Baller sustained the greatest losses, each losing several hundred lights of glass. J. D. Robinson, W. T. Hempstead and A. Washburn & Sons were more fortunate, each escaping with slight losses. The vegetable forcing houses of all the market gardeners in this vicinity were considerably damaged. Stock in the field suffered considerable injury from the severe wind and heavy fall of rain, but under favorable conditions will soon recuperate.

Slugshot was somewhat criticized in a recent bulletin issued by the Department of Agriculture at Washington because it contained such a small percentage of arsenious oxide. Now Mr. Hammond is out with a circular letter in which he takes issue with the department. He makes some good points, but the best one, and the only one it was really necessary to make, is that for twenty-two years slugshot has been a decided success in combating bugs. Who cares what an insecticide contains if it "does business" and harms nothing but the bugs?

Pekin, Ill.—A cyclone struck the city the night of June 10. It blew down and uprooted trees by the hundreds. At Geo. A. Kuhl's east side place a 60-foot brick stack was blown down and about 200 lights of glass broken. It is remarkable that more damage was not done. Fortunately no great amount of stock was injured.

A copy of the catalogue of Edward S. Schmid, Washington, D. C., has reached us. Aquaria and aquatic plants are prominent features, but practically everything in the way of birds and pet animals is listed. Even snakes are included in the list of pets.

Harrisburg, Pa.—Acting under instructions from the State forestry commission, State Forester Geo. H. Wirt has established a nursery at Mont Alto, Franklin County. Arrangements are being made to plant half a million young trees next spring.

Alexandria, Ind.—The Alexandria Floral Co. has been incorporated with a capital stock of $5,000. The directors are F. P. Boyd, J. F. Merker, J. G. Brannum, S. J. Mack and V. P. Wilson. E. W. Marland is manager of the business.

Doylestown, Pa.—Prof. W. T. Pope, horticulturist at the National Farm School, has resigned to accept the position of horticulturist to the Hawaiian Islands under the direction of the U. S. Dept. of Agriculture. He sailed for Honolulu on June 17.

Houghton, Mich.—The Lutey Floral Co. has been incorporated with a capital stock of $25,000.

Chatham, N. Y.—Christ Schneider is building two houses, one for roses and one for carnations.

Madison, Wis.—E. S. Goff, professor of horticulture at the University of Wisconsin, died suddenly June 6.

Rose Plants!

Well established plants

	Per 100	Per 1000
Am. Beauty, 3-in. pots	$ 8.00	$ 75.00
" " 2½-in. pots	6.00	50 00
Perle, 2½-in. pots	3.00	25.00
Golden Gate, 2½-in. pots	3.00	25.00

All Plants sold under express condition that if not satisfactory when received they are to be returned immediately, when money will be refunded.

PETER REINBERG,

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

ROSE... PLANTS

Cheap to close out. Nothing but good stock sent out.

Am. Beauties, 3-inch	$60.00 per 1000
" 2-inch	40.00 "
Bridesmaids, 2-inch	20.00 "
Brides, 3-inch	30.00 "
Meteors, 3-inch	30.00 "
" 2-inch	20.00 "

J. A. BUDLONG,

37-39 Randolph St. CHICAGO.

Mention The Review when you write.

CHRYSANTHEMUMS.

We have a large stock of fine plants from 2½-inch pots, ready to ship on short notice. Our selection of Standard Varieties, $20.00 per 1000; $12.00 per 500. Write for prices on large orders. Following is a partial list; send for complete list.

	Per 100		Per 100
T. Eaton	$4.00	H. A. Parr	$3.00
Nellie Pockett	8.00	R. Halliday	4.00
Lady Roberts	8.00	Major Bonnaffon	3.00
Mrs. E. D. Smith	6.00	Philadelphia	5.00
Golden Beauty	8.00	Modesto	3.00
Mrs Chamberlain	8.00	Nagoya	3.00
Mme. F. Bergmann	3.00	M. de Montmort	3.00
Willow Brook	3.00	Glory of the Pacific	3.00
Merry Monarch	3.00	Lady Harriott	6.00
Polly Rose	3.00	Maud Dean	4.00
G. S. Kalb	3.00	Xeno	3.00
Ivory	3.00	Geo. W. Childs	4.00
Mrs. J. Jones	3.00	Intensity	4.00

H. WEBER & SONS, OAKLAND, MD.

Mention The Review when you write.

Jerusalem Cherry,

Japanese Peppers, Heliotrope, Stevia, Cuphea, Fuchsias, Hydrangeas—Pink and Blue—Swainsona, Verbena, Ageratum—Blue, Dark—Coleus, from 2½-inch pots, $2.50 per 100.

ROSES -- Brides, Meteors, Maids,

from 3-inch pots, $4.00 per 100.

Asparagus Sprengeri, Smilax, Dracaena Indivisa

from 2-inch pots, $2.00 per 100.

Fuchsia, Cuphea, Heliotrope, Ageratum, Cobea Scandens, from 4-inch pots, $5.00 per 100.

All good, clean, strong plants.

LA ROCHE,

Collingdale, - Del. Co., Pa.

Mention The Review when you write.

Extra Value in Roses

Elegant well-grown stock, in the most perfect condition to plant.

	Per 100	1000
Am. Beauties, 3-inch	$8.00	$75.00
" 2½-inch	6.00	50.00
Perles, 3-inch	5.00	50.00
Meteors, 3-inch	4.00	40.00
Golden Gate, 3-inch, extra fine	5.00	45.00
Brides, 3-inch	5.00	45.00
" 2¼-inch	3.00	25.00

These Plants will satisfy the most critical trade.

W. H. GULLETT & SONS, LINCOLN, ILL.

Mention The Review when you write.

CLEARING SALE OF Rose Plants

We have on hand the following Rose Plants that we must dispose of immediately as we are obliged to have the room. They were grown for our own use but we have concluded to grow only grafted stock, therefore this stock is for sale. We fully guarantee the plants to be in first class condition in every respect, and to get rid of them we will sell at the following low prices:

7000 MAIDS in 3-inch pots	at	$30.00 per 1000.
4000 MAIDS in 2-inch pots	at	20.00 "
3500 MAIDS in 4-inch pots	at	40.00 "
2000 GOLDEN GATES in 4-inch pots	at	40.00 "
1000 GOLDEN GATES in 3-inch pots	at	30 00 "
1000 GOLDEN GATES in 2-inch pots	at	20.00 "
1500 METEORS in 4-inch pots	at	40.00 "

250 at 1000 Rates.

This stock is as good as can be grown and guaranteed to be so.

Bassett & Washburn,

76 Wabash Avenue, CHICAGO.

GREENHOUSES--HINSDALE, ILL.

Mention The Review when you write.

Roses for Winter Blooming.

Fine healthy stock from selected cuttings. PERLES, BRIDES, MAIDS, KAISERIN, WOOTTON, BON SILENE, MME. HOSTE, METEOR, SAFRANO, PAPA GONTIER, GOLDEN GATES, 3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

American Beauty, Sunrise, Liberty, 3-inch pots, $9.00 per 100. 4-inch pots, 12.00 "

Grafted Roses -- Kaiserin, Golden Gates,

3½-inch pots, $15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

We have 3000 fine METEOR PLANTS

In 3½-in. pots to spare at $60.00 per 1000; $7.00 per 100. Cash with order please.

BENJAMIN DORRANCE, = Dorranceton, Pa.

Mention The Review when you write.

Roses

from 2½-inch pots. PERLES, $3.50 per 100; $30.00 per 1000. MAIDS, BRIDES and GOLDEN GATES, $3.00 per 100; $25.00 per 1000.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

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BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100: **$45.00** per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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10,000 ROSES

Meteors, Brides, Maids, A. Vic. K., Beauties, Liberty, Golden Gate, La France, Belle Siebrecht.

Write

GEO. A. KUHL, Pekin, Ill.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

For Particulars Address

JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.

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BROOKLYN HORTICULTURAL SOCIETY.

At a meeting of the Brooklyn and Long Island florists held on Tuesday, June 10, at the Association rooms, 502 Fulton street, Brooklyn, New York, a society was formed to be named the Brooklyn Horticultural Society, organized for the purpose of taking in hand the preparatory work consequent upon the forthcoming meeting of the American Carnation Society, which is to be held in Brooklyn, N. Y., in February, 1903. The following officers were elected: President, C. W. Ward of Queens, N. Y.; Vice President, Alfred H. Langjahr, Brooklyn, N. Y.; Secretary, Alex. Wallace, 2 Duane St., New York City; Treasurer, C. G. Weber, Brooklyn, N. Y.

Another meeting was held at same place, Tuesday evening, June 17.

A fund to provide ways and means for the entertainment of the members of the Carnation Society was instituted, and from the amount subscribed at the initial meeting it is very evident that the Brooklyn and Long Island florists will take no second place in providing a most cordial and hospitable reception to the visiting brethren in February next.

All communications regarding the new society should be addressed to the undersigned.

ALEX WALLACE,
Secretary.
2 Duane st., Box 1697, New York.

BRADFORD, PA.

A boiler at the greenhouses of G. L. Graham exploded the night of June 8, wrecking the building and contents and causing a loss of $2,000.

A fire had that evening been started under the boiler, the weather promising to be so cool as to require some heat in the houses. Mr. Graham was on his way to the boiler house to fix the fire for the night when the boiler exploded. Had the accident occurred a few minutes later he would have been seriously injured.

The boiler was rent in two by the force of the explosion. One part was found 300 feet away in one direction and the other part 500 feet away in another direction. The boiler house was completely demolished. The greenhouse nearest the boiler was blown to pieces and another one was badly shattered.

Mr. Graham has a force of men at work clearing away the wreckage and will rebuild and repair the houses at once.

DALLAS, TEX.—J. R. Johnson, the nurseryman, reeently lost his only child, a daughter. She was passionately fond of flowers and at the funeral there was a wealth of blossoms from sorrowing friends. The grave was lined with roses. Mrs. Johnson is as prominent in horticultural circles as her husband, and was for years secretary of the Texas State Horticultural Society. Both have the sympathy of a host of friends throughout the state.

George van der Veld Lisse, Holland

Book orders of **BULBS** now. **Price List** mailed free on application, by

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130 W. 25th Street, - - NEW YORK.

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THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.30	3.60	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	
" " strong	8	26 to 30	7 to 10	1.50	18.00	
Asparagus Sprengeri	2				.50	3.00
" "	3				1.00	8.00
" "	4				1 50	12.00
" "	5				2.00	15.00
" Plu. Nanus	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6 00	
Pandanus Veitchii	5			1.00	12.00	
" "	6			1.50	18.00	
" "	7			2 50	30.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Nephrolepsis Bostoniensis	2				.50	4.00
" "	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	
" "	8				12.00	
" "	9				18.00	
" "	10				24.00	

Assorted Ferns, for fern dishes, 2-inch pots 3.00
Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

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GERANIUMS!

Twenty leading sorts, from 2¼-inch pots, $2.00 per 100.
Caladium Esculentum, 4 to 6-in., $1.00.
Achyranthes Emersonii, 2-in. pots, $2 per 100; rooted cuttings, 75c per 100.
Alternanthera, from 2-in. pots, $2.00 per 100.
Coleus, 20 standard varieties, 2-in. pots, $2.00.
Cannas, in varieties, 3-in. pots, $5.00 per 100.
Chrysanthemums, pompons, best collection known, 2¼-in. pots, $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.

CHRYSANTHEMUMS.

Standard Varieties.

Bonnaffon, Cullingfordii, Eureka, J. H. Woodford, Minerva, Mrs. Jerome Jones, Mrs. J. D. Whildin, Modesto, Mrs. S. T. Murdock, Mrs. John J. Glessner, Mrs. R. McArthur, Mrs. H. Weeks, Mrs. O. P. Bassett, Niveus, Rose Owen, V. H. Hallock, Prince of Wales, large-flowering, hardy white.

2½-in. pots, 30c per doz.; $2.00 per 100.

SPECIAL PRICE on CHRYSANTHEMUMS:
1,000 our selection of from 10 to 20 kinds, for $15.00
Write for prices on large lots.
CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

Cannas. Bouvier, Star of '91, Crozy, Florence Vaughan, Austria, etc., etc., mixed, from 4-inch pots, $6.00 per 100.
Coleus, J. Goode, Verschaffeltii, Beckwith Gem, etc., 2¼-inch, at $3.00 per 100; $25 00 per 1000.
Centaurea, 3-inch, at $3 00 per 100.
Salleroi, 3-inch, at $3.00 per 100.
Petunias, 4-inch, dble. and single, $7.00 per 10

CRABB & HUNTER, Grand Rapids, Mich.

Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L. I.

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ALL THE BEST **CARNATIONS**

Orders Booked Now for Fall Delivery.
SEND FOR PRICES.
Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

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100,000 Smilax

Fine plants from 2¼-inch pots, ready for planting, $1.25 per 100; $10.00 per 1000; $15.00 per 5000.

DOUBLE FRINGED Petunias.

Our superb collection of 10 varieties, strong 2½-inch plants, in bud and bloom, $1.25 per 100; $10.00 per 1000. 500 at 1000 rate. Cash.

The W. T. Buckley Plant Co.,
SPRINGFIELD, ILL.

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PANSY

NEW GIANT--Mme. Perret

The Prize Strain, exhibited at the Pan-American Exposition, true stock, 50c per trade packet; $5.00 per ounce.

Our Choicest Mixture of the best strains procurable, 50c per trade packet; $1.25 per ⅛ ounce; $2.00 per ¼ ounce.

WALTER MOTT SEED & BULB CO.,
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F. DORNER & SONS CO., LaFayette, Ind.

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Watch this Space for Future Bargains.

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COOL GROWN AND IN EXCELLENT CONDITION.

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VINCA VAR.

You know what OUR VINCAS are. If you haven't tried them, do so now and be with the majority.

2¼-inch, $2.50; 3-inch, $4.00; 3½-inch, $6.00 per 100
Very large, bushy and long.....$10.00 per 100

DAHLIAS.

Fine Plants.....$6.00 and $10.00 per 100

COLEUS.

Verschaffeltii, yellow; **Var Yellow, Pink Verschaffeltii, Her Majesty**, fine plants, $3.00 per 100. Assorted colors, our selection, $2.50 per 100.

GERANIUMS.

Fine Plants.

Ivy Assorted, Mars, Rev. Atkinson, S. A. Nutt, E. G. Hill, Wunder, La Favorite, Eliza, Mme. Salleroi.

Our selection of the above, $2.50 per 100. Your selection, $3.50 per 100. All nice stocky plants. Mrs. Parker, Dryden, L'Elegant, in bud and bloom, fine stock, $5.00 per 100. Mars, 4-inch, extra large, $8.00 per 100.

Send for List.—Can give you Rooted Cuttings of all the standard varieties and many new ones.

VERBENAS.

Excellent Stock, in Bud and Bloom.
Mammoth..... ..... $2.50 and $3.50 per 100

CENTAUREA GYM.

Fine Plants.....$2.50 and $3.50 per 100

SINGLE PETUNIAS.

Large stock, in bloom...$2.50 and $3.50 per 100

Miscellaneous Plants.

Alyssum Plants	$2.50	per 100
Ageratum " blue	2.00	"
" " P. P.	3.00	"
Alternanthera Plants, yellow	2.00	"
German Ivy Plants	2.50	"
Heliotrope Plants	3.00, $6.00 10.00	per 100
Lobelia Plants	2.50	"
Lemon Verbena Plants	3.00	"
Marguerites, white, large	6.00	"
Salvia	2.50	"
Pyrethrum Plants.....$4.00 and	6.00	"
" " golden... 3.00 "	6.00	"
Cuphea	2.00	"
Nasturtiums	2.00	"

Send for our complete List of Seasonable Stock.

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GREENE & UNDERHILL,

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GROWER .....OF **Palms, Etc.**

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HOLMESBURG, PHILADELPHIA, PA.

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Seedling Carnation PRESIDENT McKINLEY.

This Carnation has never been exhibited except at the Kansas City Flower Show last November. At which time it won its name and the prize of $100 offered by the Union Bank Note Co., for the best pink seedling. We will endeavor to place this variety on exhibition at the leading flower shows this Fall and Winter. The color is similar to that of Lawson, with a better stem and a more regularly formed flower than the latter variety, averaging in size from 3½ to 4-inches in diameter, with a good strong calyx and as free as Dorothy. We will book orders for Rooted Cuttings of this famous Carnation at **$12.00** per 100; **$100.00** per 1000, for January, February and March delivery. Orders filled in strict rotation. We will also furnish Rooted Carnation Cuttings of all the new and leading varieties at reasonable prices for No. 1 stock.

Read what JOHN THORPE writes of President McKinley:

KANSAS CITY, Mo., November 26, 1901.

E. T. GRAVE, Richmond, Ind. Dear Sir:—I desire to inform you of the great keeping qualities of your President McKinley Carnation. At the close of the exhibition on Sunday evening most of the flowers were even better than on the first day of the exhibit, the color equally as bright and without a trace of purple. It is exceedingly brilliant in artificial light. Respectfully yours, JOHN THORPE.

Read the clipping in the Kansas City STAR, November 21, 1901.

President McKinley Carnation is a splendid flower, said Edwin A. Kanst, one of the awarding judges. The petals are perfect and it is well built. The general construction of the plant indicates that it may prove better than the Lawson. The color is deeper and brighter than the Lawson and the coloring is more distinct. The peculiar purplish tinge noticable in the Lawson is absent from the President McKinley. It will become a favorite Carnation.

E. T. GRAVE, RICHMOND, IND.

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Burpee's Seeds Grow

ASPARAGUS!

	Per 100
Sprengeri, 2-in. pots, ready	$2.00
Plumosus, 2-in. pots, ready June 15	3.50
Smilax, 2-in. pots, ready June 15	1.50
Primroses — Obconica, Chinese and Forbesii, ready July 1	2.00
Geraniums, mixed, to close out	2.00

CASH OR C. O. D.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.

Mention The Review when you write.

WE control the American market (**and don't forget it**) in Araucaria Excelsa. Three large consignments of this favorite pot plant arrived early in May. Our houses are now full of them. Notice the following low prices:

ARAUCARIA EXCELSA,

5-inch pots,	3 tiers,	10 inches high	50c
5½ "	3 "	10 to 12 inches high	60c to 75c
6 "	4 "	15 to 18 "	75c to $1.00

Kentia Forsteriana, 25 to 28 inches high, 5½-in. pots, 5 leaves, 75c. **Kentia Belmoreana**, 20 inches high, 5½-inch pots, 5 leaves, 75c. All good, healthy stock. **Ficus Elastica** later. **Begonias**, tuberous rooted, fine color, 5-inch pots, $1.80 per doz. Mention if pots are wanted. Cash with order please.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 ONTARIO ST., PHILADELPHIA, PA.

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FOR SALE.

1800 Myrtle Plants

From 2½-inch pots, extra heavy stock, at **$3.00** per 100; **$25.00** per 1000. Rooted Cuttings from flats, **$1.50** per 100, 2½-inch size.

Planted out now will make nice stock for Winter Trade.
Unknown parties cash with the order.

CHAS. SCHWEIGERT, Niles Centre, Ill.

Mention The Review when you write.

Plants! Plants!

Asparagus Sprengeri, from flats ready for potting, $1.00 per 100; $8.00 per 1000; 2¼-in., $1.50 per 100. **Smilax**, 2-in., $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **Utica, N. Y.**

Mention The Review when you write.

Asparagus Plumosus

4-inch, strong, at $10.00 per 100.

SMILAX, 2-inch, strong, at $1.50 per 100.

Bone Meal, BEST for Florists' use, at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Floriats

SETTING POSTS IN CEMENT.

Would setting posts in cement increase the lasting qualities sufficiently to pay for the extra cost?

Would it be better to fill hollow iron posts with cement than to leave them empty? W. H. C.

If the ground is of such a nature as to afford a good foundation and bond for posts when well rammed, I doubt if casing in concrete would prove of any very material value. It does preserve the post somewhat under ground, but does not prevent decay at the ground line, which is the critical point. As to the filling of iron pipe posts, I believe it is advisable to seal the lower part of the pipe so as to prevent water rising within it, but in this respect only do I see any advantage in cementing inside.

A good, serviceable form of construction is to build concrete piers about 2 ft. 6-in. in the ground and 4 or 6 inches out of the ground. These piers can be anywhere from 6 inches square to 8x8 inches, inserting in their upper end an anchor bolt which would be used to fasten the wood posts which would set upon the piers.

Another good plan, where the shadow thrown by the large post would not be objectionable, would be to make the entire post of concrete, making them 8x8 inches at the base and 6x6 inches at the top. Henry W. Gibbons.

New York.

BOWLING AT ASHEVILLE.

The bowling committee of the Philadelphia Club had a meeting on the 10th inst. and made arrangements for a series of four outside matches open to all active members of the club—one each Wednesday, commencing on the 18th inst.—to determine who shall be their team to Asheville.

Incidentally, some talk was indulged in about prizes at the convention, and two members put their names down for $10.00 each as a starter. It is about time now that we were hearing something from the officers of the Bowling League, if that august body is still in existence. If not, then some other means should be adopted to work up a bowling program for the convention.

Perhaps some of our enterprising horticultural supply concerns want to put up a trophy this year. $25.00 or $50.00 in that direction would prove a very good advertisement. G. C. Watson.

The fifth annual convention of the New England Association of Park Superintendents will be held in Boston, Mass., June 20th and 21st. Headquarters will be at the Quincy House. The programme contains many attractive features. The annual dinner will be disposed of on Friday evening, at which President Pettigrew's address will be presented. On Saturday the members will enjoy a carriage drive about the city.

Peoria, Ill.—A terrific storm passed over the city last week. There was a heavy wind, and rain fell for hours, but there was no hail. Shade and fruit trees suffered most, large trees being blown down. The market gardeners had heavy losses. The florists suffered some damage in broken glass. Murray had one end of a greenhouse blown out. Kuhl, of Pekin, lost a smoke stack.

SOUTHERN RAILWAY

Through the flower covered Mountains and Valleys of Western North Carolina to Asheville and The Sapphire Country.

ACCOUNT OF THE CONVENTION OF THE SOCIETY OF

American Florists and Ornamental Horticulturists,

To be held at Asheville, N. C., August 19 to 22, the **SOUTHERN RAILWAY** announces one fare for round trip on all its lines. Through Pullman Cars from all principal cities. Special Dining Car features, etc.

For further particulars call on or address,

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C. H. HUNGERFORD, D. P. A., 230 4th Ave., Louisville, Ky.
C. A. BAIRD, D. P. A., 719 Olive St., St. Louis, Mo.

W. A. TURK, P. T. M. Washington, D. C.
S. H. HARDWICK, G. P. A. Washington, D. C.

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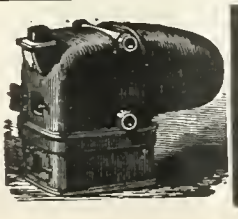

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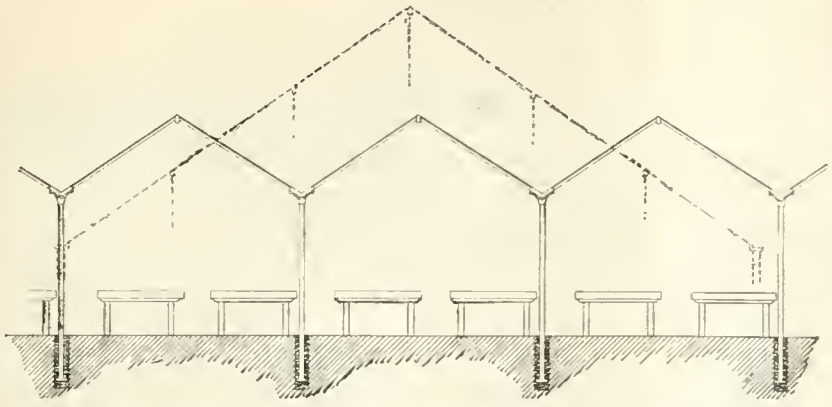

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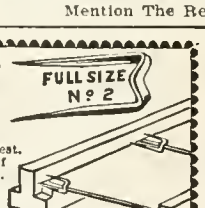

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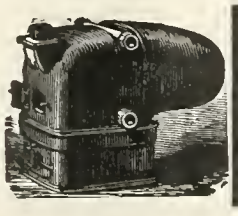

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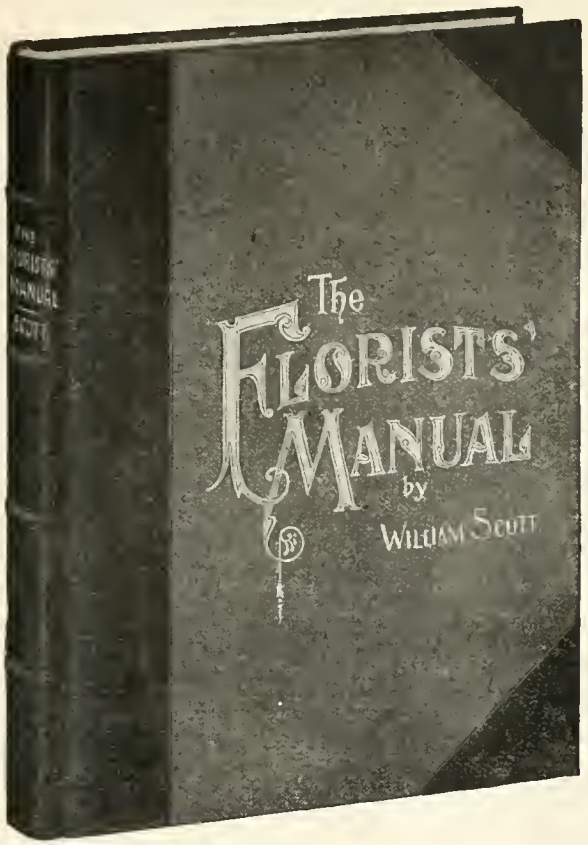

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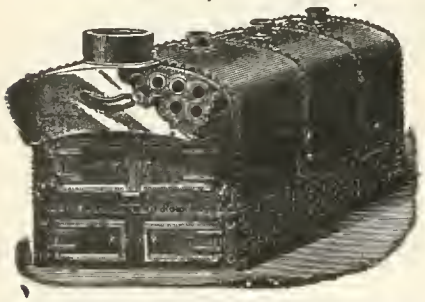

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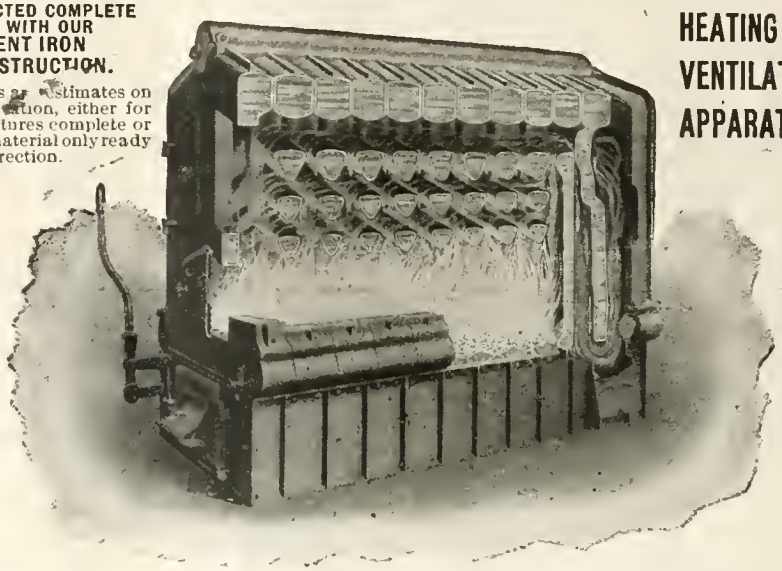

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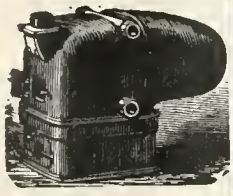

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THE RETAIL FLORIST.....

Funeral Designs.

Just a few remarks on what flowers are obtainable in the market and how they may be arranged. Funeral designs constitute no small portion of our trade at this time of the year, and although in a great many cases you are at liberty to use whatever you happen to have in stock, or can procure to greatest advantage, still there are numerous occasions where specified materials must be used. Yet if a florist's reputation is such as to command the respect and confidence of customers his recommendations will be adopted. The latter is a most desirable condition of a florist's business affairs and can only be obtained by giving satisfaction. Mail or telephoned orders are very often troublesome. Where an order is taken verbally you have a better chance to recommend a substitute if the flowers desired are hard to get or in your mind are unsuitable. Care should be taken, however, not to give the impression to any customer that the flowers they seek are not obtainable unless you are sure your rival in trade cannot procure them, because when an old customer or prospective one is told in your store that you have not and cannot get what they seek, and they go somewhere else (as they very often do), or see it in the window or stand down the street, you are liable to lose their confidence and trade.

We wish to remind our readers that we are one thousand miles away from the office of the REVIEW, and that in order to be up to and ahead of the day many of our remarks (which are always put down in haste) will be mere bald hints.

We are in a time of the year when color reigns supreme everywhere and fashion or fad supersedes custom. We have very often referred to the inappropriateness of colored flowers at funerals. If they be excusable at one time of the year more than another that time is now, and colors used on these sad occasions are only objectionable when arranged in a hotchpotch, mixed manner. A cluster or mass of crimson or pink, purple or lavender may enhance the beauty of any design, but while blue, yellow, orange and scarlet may be used with impunity at anniversaries, they should never be used unless in extreme cases at funerals.

You may be asked for or might suggest a floral casket cover. This is one of the most beautiful designs you can make and it is quite easy of construction. No need to hire a mechanic to construct the frame, which can be made from fine, flexible wire netting, covered on the under side with white or purple cheese cloth or Porto Rican matting, or it can be made entirely of double purple matting. The flowers can consist of all white pansies, with a cross of purple pansies in the center, or vice versa. The pansies must be wired separately to face up and last longer. You can put a distinct color fringe about 6 to 12 inches wide of the same flower around the outer edge and a narrower similar border around the face plate. You can use 2,500 to 7,500 pansies on a casket cover. They must be solid, with very little green showing; that can be almost anything—Asparagus Sprengeri is good.

Purple pansies make an excellent wreath when plenty of them are used. Tie with broad taffeta purple or white ribbon and fringe inside and out with border of adiantum.

The richest and most expensive casket cover you can make is of cattleyas. C. Gigas are magnificent now and you will be able to get some kind for some time to come. Farleyense fern is the most suitable green to use with these flowers and lily of the valley can be used in various ways to bring out the full beauty of the orchids. A cross and fringe of valley goes fine with cattleyas, or vice versa. White roses make grand material for covers, particularly the outdoor climbers. Where white roses compose the main part, a wreath or cross of crimson or pink can be used in the center.

A very pretty and acceptable idea in floral casket covers is to have the pall one solid color and have small rounded wreaths of other colors or distinct flowers suspended half way down the sides with white or purple ribbons. This is done where small children or relatives desire to have their offerings near or on the casket. Of course there are very many other flowers that can be used, particularly in a cheap sense, but it must be distinctly remembered that above all designs a pall or cover must not be clumsily or carelessly made. Neatness and expression are required in this class of work, and while a bow of good white, purple or lavender ribbon may be used to advantage on each corner, flowers, and flowers only, should constitute the principal feature.

Sweet peas are a godsend to the American retail florist, for with a nice assortment of them in your store (and they are always obtainable cheaply now) you need never be afraid of being unable to fill any "hurry-up" or after-hours order. These beautiful flowers can be used for any occasion in a push. A greater variety in color would be desirable, but the half-dozen varieties in as many shades of colors we have gets us out of many a difficulty. The lavender one, Countess of Radnor, makes a superb wreath. Make up round and solidly, tie with white ribbon, which should be very broad, and fringe round with adiantum. White, or in the case of children, a very light pink can be used. You can use one color as a circling frame to the other or have it as a cluster or make one side of each color. Where clusters or sides of colors are used it is best to use ribbon and tie as a connecting or harmonizing link between them.

Other Arrangements.

You can fix up a dining table for any occasion very prettily with pink sweet peas, and just now it is wise to suggest that they be tied in neat corsage bouquets with bow of gauze ribbon to match. They can be arranged as a centerpiece till after dinner. The gentlemen's coat flowers can be of the same material. It is a growing custom not to wear flowers during dinner; they are taken and worn with much more pleasure as souvenirs after dinner, and it should be known that where the company is composed of both sexes both or none should wear flowers.

Sweet peas make excellent material for bouquets of all kinds, for baskets or small vases, and where they are used in vases for table decoration they should have a little of their own foliage and be arranged in a light, graceful manner.

It very often occurs that you will be asked to get up a design in a few minutes. This is where many a good order is lost unless extreme quickness in eyes and fingers are used. It requires only a few minutes to tie up a pretty, loose bunch; that is the quickest thing you can make. There is an abundance of lilies on the market. The size of the bunch, of course, depends on the wants or pockets of your customer, but don't hesitate to chop off a pot of ivy or a leaf of Cycas revoluta or Areca lutecens, or any long-fronded fern to embellish your work if the price will permit or the act will please a good customer. In case of a wreath, which is the next quickest, the massing constitutes a very important part. Never mind paper or tinfoil. Put ferns or other greens in the bottom and sides of the frame, break and dampen the moss and tie it moderately loose. Asparagus Sprengeri is excellent for greening because it requires no stemming. In many cases you have no time to think of bothering with small flowers, and this is where such flowers as stocks, lilies, campanulas and stiff-stemmed roses are worth double their ordinary value. An occasional wire hook will help to secure the flowers, and in all cases of hastily made up work it is wise to have ribbon occupy a prominent part; it goes far to cover up the defects incidental to hasty construction and constitutes to a large degree the general effect.

In the matter of quick basket-work, plants of almost any kind will help you and then come your big, showy flowers. It is never wise to on any occasion start stemming or bothering in any way with old or puny flowers while your customer is near. Always commence with the best you intend to use, while they are there at least; such is not dishonest, it is merely good business methods to create a good impression. Very few outside the business know or care anything about the construction of a design; a favorable impression is what you must be careful to give on all occasions.

Indoor roses are very poor at present and it requires a greater quantity and a more extensive arranging of them to produce good effects. The American people can never properly be made to understand why they cannot get extra choice roses all the year round, and therefore it is difficult now to fill orders in an entirely satisfactory manner. Brides and Bridesmaids are poor and greatly mildewed, but roses of any kind or degree are more acceptable to some people than the best of other flowers. The time will come when more outdoor or special houses of roses will be grown to supply the mid-

summer demand. Much of the poorness of the present indoor roses can be covered or lessened by using plenty of the foliage of roses, such as the admirable Ramblers or climbing varieties sent out by Manda some four years ago. Kaiserin Augusta Victoria is the best white rose we can get in summer, and all the care you can devote in preventing the petals being bruised will be amply repaid with their great beauty and sweetness. There is more fragrance and depth of loveliness in outdoor roses now than in all your greenhouse pets, and wherever possible preference should be given them.

Lily of the valley is always a most acceptable flower for almost any occasion. It is the choicest you can get now for bride's bouquet or any particular order. A bunch of Liberties and valley is good enough for any queen. Bouvardia Humboldtii corymbiflora is an exquisite white waxy, starlike flower we are using for choice boxes or cluster or for mixing in a bride's bouquet. It must be used in fairly good clusters, though, to be most effective.

Ageratum, both the very light or dark colors, make good lettering on funeral work. Of course the letters must be larger and broader than the usual, but they give a more refined finish than immortelles or chenille.

Water lilies are good material for wreath or cluster or points of prominence in work. There is quite a knack in keeping them open, but they are useful even when shut if the outer petals are taken off. The night bloomers are very beautiful and specially adapted for dinner, or for that matter any decoration connected with aquatic life or event.

Carnations are a most prominent element in the cut-flower market. They are cheap and as good as anything you can recommend where general effect and lasting qualities are looked for. White ones are fine for wreath or flat bunch. Colored ones, particularly pink, are immense for vase or basket or general decorative work. Long, loose bunches, with broad ribbon, are being used for arm bunches for bridesmaids.

Lilium auratum are coming in, and while they are about the largest and showiest flower you can offer, their very strong odor prevents their use in any great quantity; nevertheless they are good for large funeral work or in a much modified way for vase work where there is plenty of air. They should not be sent to a sick room or used on a dining table. Orange blossoms can be had in limited quantity and the finer jasmine may take its place or be used to add fragrance and beauty to any box or bunch.

For yellow table decorations or other forms where very rich color is desired there can be nothing better than allamandas. This flower is a great favorite at Newport. It is fine when arranged with maidenhair fern. Allamanda neriifolia makes a fine bush plant and is very good for plant decorative work. Japanese iris are now very beautiful and are grand for funeral wreaths, bunches or for general decorative purposes. In the latter case they should, wherever possible, be arranged in Japanese or Chinese vases, long and graceful with a little of their own foliage. There are some lovely shades of color and splendid work can be done with them.

The different varieties of anthuriums make a very effective vase, or even one flower in a vase of others will lend much color. Their great lasting qualities and odd shapes and colors make them valuable. They will never be used to any extent as a decorative flower by themselves but one or two goes a long way as regards color and for that and other reasons they should be more generally grown.

Thorley has been making a specialty of a large white chrysanthemum which he has been receiving for months past. The flowers are large and make up fine, of course with large roses such as Beauties, Liberties or Brunners, or for funeral bunches.

There are many occasions where intense color is desired either in small or large quantity and for this such flowers as Phlox Drummondii, poppies, Lychnis chaleedonica, geraniums, sweet williams, Plumbago coccinea, and such are obtainable.

Some very beautiful decorations can be done by using masses of the different geraniums. Low bowls and Adiantum cuneatum are the best to use. Try them some time when fixing small tables for some big affair. Use one color on each table, white or green shades on all.

In flowering vines we have the different kinds of honeysuckle, Clematis paniculata and Cobea scandens; they are all fine for traceries, hanging effects or any form of decoration. Agapanthus umbellatus can be used to good advantage where long stemmed flowers are needed, but the color is hard to make effective unless white is in close proximity.

IVERA.

ROSES.

Seasonable Hints.

At this season when the foliage on young stock is succulent and tender many of the florist's insect enemies will put in an appearance, — hairy caterpillars, cut worms, etc., which soon create great havoc with the young leaves. In some cases they will strip a plant entirely of foliage in one night. Going over the house and picking by hand is too tedious a process in a place where roses are grown in quantity. Kerosene emulsion sprayed on the leaves with a syringe is a good method of killing them off.

I have lately been using a mixture of finely sifted bran and paris green in the proportion of one of paris green to twenty of bran and applying it to the foliage with the sulphur blower. This remedy is sure, quick, easily applied and harmless to the most tender foliage. I also used it with great success on smilax where the cut worm was literally destroying the crop. This is also a sure cure for sow bugs, grasshoppers or any chewing insect, the bran when moist having a sweetness which entices them to eat.

The weather in many localities has been so cold lately that many growers have been forced to fire up again; this is better than taking any risks. If the outside temperature runs down anywhere about the fifties, especially during damp weather it will pay to have some fire. This will save the young stock from getting a check and help to keep off mildew.

RIBES.

TROUBLE WITH BEAUTY.

I send you a sample of American Beauty rose. Please tell me what makes the blooms come injured in this way. Two months ago I cut the old plants back, gave them a mulch of fresh cow manure three inches thick, and they made a fine growth, but the flowers come like the sample sent. Have grown many Beauties but never had this trouble before. Plants are old budded stock and are in solid beds. C. W. K.

Cal.

This seems to be a clear case of overfeeding. Three inches of mulch of any kind applied at once is too heavy. Fresh cow manure is altogether too rank to apply to Beauties; the wood produced from such feeding is too soft and spongy to bear good buds.

A mulch composed of two-thirds well decomposed cow manure and one-third good fibry loam, with a sprinkling of bone meal added, and spread on one inch thick, will produce wood of a better quality, with a much smaller percentage of malformed buds.

The smaller of the buds I found contained some thrips, which would account for its lack of development. Smoking lightly and frequently in the early morning will soon rid the house of these pests.

RIBES.

ROSE QUESTIONS.

We are troubled with what they call the June rose bug. Please tell me through the REVIEW how to keep them off of the roses.

What kind of a climbing everblooming rose would be best to plant in a greenhouse? J. W. J.

From this letter I assume the roses are grown outside. J. W. J. also fails to describe the insect which is annoying him. It may be the June bug (Lachnosterna fusca) or it may be the rose chafer. The remedy recommended for both is spraying with some of the arsenites, paris green or arsenited Bordeaux mixture.

The rose leaf hopper (Typhlocyba rosea) is also in some localities called a June bug. Dusting the leaves with pyrethrum insect powder is a simple and sure remedy for this pest.

Gloire de Dijon, Marechal Niel, and Devoniensis make excellent pillar roses for inside growing. Golden Gate is also useful for this purpose.

RIBES.

THE ROSE CURCULIO.

We mail a sample of a bug that is new to us and which is this season proving very destructive in the field. It perforates the buds of roses and the stems of pæonies with its hard snout and ruins them completely. It has not yet appeared under glass. Can you give us its name and some information concerning it?

THE PARK FLORAL CO.

Denver.

Dear Sirs:—The red and black insect with the long snout received from Denver, Colo., where it is stated to be destructive to the buds of roses and stems of pæonies, is the rose curculio (Rhynchites bicolor), a well-known enemy of roses. Pæony seems to be a new food plant for this species.

There is also present in this sending a single specimen of a closely related and very similar beetle (Rhynchites mexicanus). This is comparatively new as

Spiraea Van Houttei.

a pest, and, so far as I know, there are no records of injury by it. I hope your correspondent will send additional specimens of this green species and any observations which he may be able to make concerning its habits. This latter species occurs in Colorado, New Mexico and Arizona, and is more abundant still in Mexico.

As to remedies, both species should yield to the same treatment, hand-picking and jarring the beetles from infested plants being all that is ordinarily necessary. They can also be sprayed with Paris green at the rate of 1 pound to 150 gallons of water, which will effectually destroy them. This last remedy, however, is not always applicable to rose bushes.

F. H. CHITTENDEN,
Washington. Assistant Entomologist.

SPIRAEA VAN HOUTTEI.

The accompanying engraving is from a photograph of a specimen in full bloom on the grounds of Mr. Fritz Bahr, the florist, Highland Park, Ill. Referring to it Mr. Barr writes:

"Of all the spiræas, this one is the grandest, it being at home in all its beauty either as a single specimen, in groups or as a hedge. The graceful habit of the plant makes it an ornament even when out of bloom. This shrub should be pruned and put in shape directly after the blooming season."

CARNATION NOTES.

A question every florist asks himself over and over, and especially just at this time, when the benches need repairing or renewing is, "what kind of benches or beds can we put in our houses that are the most serviceable and beneficial to our plants?"

This is a great question and many things must be taken into consideration in solving it. If we wanted merely the cheapest, that would be easy to decide, but we want also whatever kind will produce the finest crops. There are a great many growers who would not think of growing a rose or a carnation on anything but a raised bench, while there are other places where every rose plant is set right into the ground after working it up good a foot or more deep. Each grows good stock and when you go through their houses you are inclined to say that theirs is the ideal way. If the man who plants in the ground can cut as good a crop for the whole season as the man with benches can we are sure that he makes more profit, but can he do it? That is the question we must decide for ourselves.

After several years of testing various kinds of benches and beds and noting the construction of same on other places we have come to the conclusion that a bed made as follows is about as durable and good as any we have seen: Set posts in the ground 4 feet apart and deep enough to insure solidity, leaving 18 inches above ground. Board up on inside with plank, or what is best of all, cypress boards. Last season we procured a lot of peck cypress lumber in 6 to 12-inch widths and they are just the thing. Fill up 12 inches of this box with cinders and the balance with good soil such as you would use on benches. We use the cinders or ashes from our boilers and find them perfectly satisfactory. These beds are as well drained as a raised bench during the winter and when spring comes with its warm draughts they do not dry out so rapidly and the roots keep cooler, thus enabling the plants to thrive until late in the summer. Especially is this good for White Cloud and all the reds, which soon succumb to the heat in the early summer.

Perhaps a little more care is required in watering during midwinter as they do not dry out as quickly as raised benches, but only a careless waterer will get them into a soggy condition, one who would do the same thing with a bench. The cost of such a bed is only a fraction of the cost of a raised bench and it will outlast it 3 to 1 at least. Last winter we cut much finer blooms and more blooms from a batch of White Cloud on such a bed than we did from a batch on a raised bench just across the path. Both planted at the same time and from the same batch in the field.

Another favorite bench with some growers is to lay about 4-inch tile side by side on the ground crosswise of the bench and fill the soil on these, but like the raised benches they dry out very rapidly during warm weather. They are more durable than benches and are therefore more desirable and can be raised up as high as you want them by putting legs and stringers under them. A raised bench is of course more pleasant to work on as you can stand up straight and work with your arms, while these low beds require a little bending of the back and at the knee, both of which are very distasteful to our older friends, but that is one of the last things we consider and if we are convinced that one way is better than another, then that is the way it is done regardless of backs or legs, etc. Try one of these low semi-solid beds and see if you do not agree with me. See that the cinders are moist when you fill in the soil else you will have trouble until they get soaked.

A. F. J. BAUR.

GLASS.

According to reports in the daily press an inventor has perfected a machine that will make window glass and do away with the glass blower in this line of manufacture. If the machine is a practical success and produces window glass of equal quality with that which has been blown, the price of glass will surely be considerably reduced.

Such a machine would break what is probably the most remarkable labor monopoly the world has ever seen. Glass blowing is peculiarly skilled work and the Glass blowers organization was strong enough to be able to dictate the number of apprentices to be admitted to the various factories. The art was generally transmitted only by father to son or other near relative. The organization was international in scope and it was useless to attempt to bring European glass blowers here. The men practically dictated the amount of glass that should be manufactured and the owner of a factory was helpless in their hands.

These conditions naturally greatly stimulated inventors in their search for a method of manufacture that would eliminate the blowers from the situation. If the machine now announced is as successful as claimed "glass shingles" may in time be less than half as costly as at present.

The present method of making window glass is briefly as follows: The

blower takes from the pot of molten sand and other materials a small mass on the end of a long metal tube. By blowing through the tube he forms a large bubble about the size of a toy balloon. This is then inserted into a moistened wooden form, generally a log four or five feet long and hollowed out till the opening has a diameter of ten to twelve inches, the log being inserted in the ground. The blower continues blowing until a long cylinder of glass is formed. This is then cut from the tube and the operation repeated. These cylinders are later cut lengthwise and after being re-heated are flattened out into sheets of glass. As these sheets are rarely perfect the work of cutting them into the various sizes of window glass so as to get the most out of them is one requiring considerable experience and judgment. This is the reason it is impossible to manufacture all 16x24 glass or any other special size.

One of the greatest advantages of a machine would be in the avoidance of this waste. This in addition to the saving in high priced labor and the removal of the present limit on the amount to be manufactured should very considerably reduce the cost of glass, unless the machine should be bought up by some other sort of a trust.

Paeonia Festiva Maxima.

SOME PAEONIES OF MERIT.

I give a description of some not in general cultivation.

L. Esperence comes from France. Very fine rose colored, full center, highly perfumed and a free bloomer, besides being one of the earliest to bloom. It is also very vigorous and increases rapidly, giving it all the points of excellence desirable in a pæony. It is of superior value as a cut flower and will often bloom in the Northern States early enough for Decoration Day, when fine flowers are most in demand.

Marie Lemoine is a flower of delicate and exquisite beauty, opening slightly pink in color and fading to ivory white. It is one of the most highly perfumed of all. In short, there is a fragrance exhaled from it which loads all the air around it. It is quite a free bloomer. It does not increase as rapidly as L. Esperence.

Plutarch is a glory. It is of deep crimson with a delicate satiny finish, a great ball of dazzling beauty. People come from far and near to see it. "Be sure and save me one," and the silent, quiet beauty was its own salesman.

Richardson's Rubra Superba is much like the Plutarch, only on a larger scale, and it is one of the latest to bloom, making it very valuable for a cut flower. It does not bloom as readily as some others. It takes a year longer, but comes in with such grandeur that we forgive its tardiness. This originated near Boston and is equal to any of our imported ones.

Baroness Schroeder is from Kelway, England. It is yet very rare and he is fortunate who can get it for $2.00 a root. It is an ideal flower, filling all the requirements of perfection. In England it is called light flesh colored. Under our brighter sun it is the purest, softest white and in the center petals there lingers the faintest tint of gold, and from the wondrous beauty there is exhaled the most delicate perfume. The flower is so light, delicate, fluffy and ethereal it seems as if it might float away. It is a very full and free bloomer. Most flowers of such exquisite beauty are slow of propagation and shy bloomers, but I have cut eight strong roots from one in two years. I took up one late and sent it off 100 miles and in a month it was in full bloom. Its wondrous beauty, readiness to bloom, great vigor and easy propagation place it in the very front.

La Tulipe is from France. It is not widely known nor planted as yet, and so it comes high. By some it is considered the very queen of the whole family. It commences to show its beauty in the bud and it is interesting to watch its development—first, petals of green interlaced with crimson, then petals of light pink streaked with red, and as the flower swells to bursting it is a mass of delicate pink all woven with carmine, and when the flower opens it is flesh colored all streaked with red, and it sits there in its beauty as in a chalice of veined marble. It is also slightly fragrant. It is very robust and a free bloomer. I have cut nine strong roots from one in two years; so that, though expensive at first, it soon pays by its great vigor and productiveness. It has excellent keeping qualities as a cut flower.

The Newer Kinds.

Wild Rose. There are two kinds bearing this name. One is pink and the other deep red, very brilliant. They are single flowers of enormous size and contrast beautifully with other sorts.

Red Cloud is entirely new, has not yet been sent out. It is an enormous flower of the deep crimson family. It is of great vigor and I think will prove a ready bloomer. I chose it from 1,000 new seedlings, many of them of great promise.

Saul was so named because it stood head and shoulders above its neighbors. It is the largest I have ever seen of the whole pæony family. It is semi-double, outer petals pink, striped with white, with a deep gold center.

Tecumseh is of deep crimson. It is the most solid of all the pæony family. It has a system of deep, rich flowers packed and pressed together into a shapely ball of dazzling beauty. It was formerly called Grover Cleveland. It is so solid you could almost stone a dog with it. The blossoms retain their beauty a long time and as a cut flower it will probably keep the longest of any.

Nigra is one of the darkest of the deep crimson family, a shy bloomer, but making it up when it gets down to business.

Princess Ellen is a large, unique flower, opening light crimson, changing to the purest white, the broad snowy petals sandwiched with small, delicate and feathery ones, giving it a very fine appearance.

The Bride is snowy white, an early bloomer that, though the flower is not collection.

Walter Morgan shows more of the pure gold than any other pæony we know of. It is very fragrant, guard petals snowy white, inner of deep yellow, center buds green with a dash of carmine. This has not been sent out yet.

General Grant is an enormous pink flower, very robust and a free bloomer.

Sada Evans, Clara Barton and La France are fine white varieties of merit.

Belle of York is a very free, full bloomer, large pink flower edged with white. It is so robust and such a hearty bloomer that, though the flower is not first-class, yet it will win its way.

There is a tendency to put too many flowers on the list among the seedling pæonies. Though I have seen them by the hundred, I have not seen a poor one among them all. But floriculture is on the up-grade and we want the very best. There is a place for the thousands of seedlings for mass planting, where they will be very attractive, but we should name only the very best.

York, Neb. C. S. Harrison.

Sioux City, Ia.—J. C. Rennison is preparing to build several new houses.

Marie Lemoine. Plutarch La Tulipe.

Some Paeonies of Merit.

BUSINESS METHODS FOR BUSY FLORISTS.

VII.

Advertising.

It is not without fear and trembling that I take up this subject, knowing that there is such a wide diversity of opinion regarding it and that so many abler pens than mine have covered the field very thoroughly many, many times. At the same time, every opinion is worth something, if it only leads to something better and sets people to thinking. In the hope that these lines of mine may be of some benefit to some one I will submit them.

Every man in business advertises in some manner or other, else he would not be in business. As a rule, the most successful business men advertise the most, although there are a few prominent exceptions. The word advertise is from the Latin *advertere*—to turn the mind to—and that is the meaning and intention of the word to-day—to call attention to your business and the goods you have to sell. In its broad meaning, however, it refers to the free use of printers' ink in newspapers, magazines, posters, etc.

Every florist who builds a greenhouse, puts up a sign and offers goods for sale, advertises. He cannot exist in business unless he does. If he buries himself in a dense forest, keeps his business a secret, never tells any one and never offers anything for sale, he will not advertise, but he will not do any business. The moment he begins to sell goods he begins to advertise them. Starting, then, with this self-evident truth for the basis of our remarks, let us discuss a few of the best methods of advertising.

In the first place, grow and handle only the best goods. Choice stock is the best advertisement any firm can have. There is always a demand for the best, and once you get a reputation for growing and handling it you will have but little trouble in disposing of it. Don't try to grow too big a line of plants or flowers at first, for if you do you will fail in some. Better grow one or two things well than half a dozen fairly well. Your trade and reputation will grow in proportion to the quality of your stock, and no amount of printers' ink will make up for inferior goods.

In the second place, keep your place looking neat, tidy and attractive. This is especially necessary if you are in the retail business, as a grower or as a storekeeper. Thrift and evidences of prosperity will attract people every bit as much as choice stock, and when you once get them into your place of business be neat and courteous in appearance. You can sometimes grow nice flowers in dilapidated houses and roses are just as sweet if handled and put up in a slovenly, careless manner as they are in an up-to-date basket, but the style of the latter will attract 100 customers where the other does one. A tidy store, neat, polite clerks and nice boxes, etc., cost more than untidy ones, just as it costs a little more to grow good flowers than poor ones, but your customers pay for the additional expense, leaving you the same margin of profit on the stock. And the more goods you sell the larger your profits will be.

Good stock, a neat and appropriate way of displaying it, and courteous and careful treatment of your customers are the first three principles of successful advertising.

Having established your business by a conscientious adherence to these principles, we turn next to the best methods for increasing it. The common and accepted meaning of modern advertising is the liberal use of printers' ink, especially in the newspapers and magazines. We will consider all printed matter which a florist may put out as advertising. This may be divided into two classes—first, price-lists, catalogues, circulars, etc., sent out through the mails; second, public advertising in the newspapers, magazines, programmes, handbills, etc.

If your business is local you can do without a price-list, but a neat folder can be obtained at small expense and will save you the answering of many questions, talk while you are asleep or busy, and pay for itself many times over. If your business is general, a price-list or catalogue is imperative. As neatness is essential in presenting a "good appearance" to your local trade, it is equally so in presenting your goods through the medium of a price-list. Have it clear, concise, comprehensive and attractive. If you have a particular specialty for sale, emphasize it with a good picture. Halftones are now so cheap and easily obtained and are so true to nature that their use is recommended. You will need better paper for them than for ordinary wood cuts, and that is where their chief value lies—in elevating the general character of a price-list. They lend tone and attractiveness and in the end your customers pay for them.

I cannot now expatiate on the merits or demerits of certain catalogue advertising which is quite current in the trade, but may treat that in a separate paper at some future time. The average seedsman's catalogue is in a class by itself and cannot be discussed in a general paper at this time.

We come now to public advertising in periodicals, a subject which has engaged some of the brightest minds of the age. Does it pay? In a general way, yes. But millions of dollars are foolishly expended each year in this manner. If your trade is local and you desire to keep it so, a

limited amount of newspaper advertising is sufficient. The kind of advertising is immaterial so long as you attract attention to your goods and get people into your place of business. Strive to get the best trade. You can't do it by advertising cheap goods or department store prices. If you have a superior article tell people about it and get them interested. Mention prices, but make your strong point on the superior merit of your stock. Never expect direct sales from your local paper advertisements to pay for your advertising. The way in which this advertising pays is to get people into your store to see your goods, when your goods and salesmen will do the rest.

If your trade is wholesale, then advertise in your trade papers, and always advertise prices on everything you offer. Your direct sales from this advertising should pay for the cost of the advertisement, else it doesn't pay you. You can dispose of your surplus stock through the classified Review *advertisements* at a minimum of expense. At the same time you can get in touch with the buyers, get your wholesale list in their hands and secure their future trade in other lines. Retail advertising in a general way is too big a subject to be treated in this article, and will be referred to in the future consideration of this subject.

In all your advertising keep a correct and systematic record of costs and as far as possible of results. A record book especially for this line of the business will be found interesting and valuable as the years roll round. As your business increases a certain amount of programme advertising becomes necessary. The direct result from this class of advertisements is very small, but indirectly in secret societies, churches, schools, etc., it may be of great benefit to you. The "good-will" feature in any community is worth considerable, though there should be a limit to such expenditures.

While much money is spent foolishly in trying to advertise and the sharpest are caught at times by "fake" schemes, it is very seldom we hear of concerns going bankrupt because they advertised too much. But we often hear of firms making millions by advertising their goods extensively. System.

NEW YORK.

Many important varieties of outdoor flowers have passed away for another year and the quantity and quality of indoor roses are fast becoming less and poorer. Mildew is very prevalent among old stock and only through very urgent need does much of it find its way to the stores. Good clean stock finds ready takers at fair prices. Carnations are good and plentiful and considerably help the situation. Outdoor roses have been more or less a disappointment here this season so far. Such flowers as valley, Cattleya Gigas, a few Beauties and Kaiserins constitute the cream of the market. Sweet peas are very short in stem, a vast quantity of them being fit only for groundwork.

The Cut Flower Market at the Coogan Building, Twenty-sixth street and Sixth avenue, opens at six a. m. and if any florist visitor to this city wishes to see one of the sights they should not fail to be there on time.

We very deeply regret to report the death of Andrew C. McConnell, brother of Alex McConnell, the well-known Fifth-avenue florist. Only a few days before his death, which occurred last week, we had a long, pleasant chat on old times. They are passing away one by one, leaving unfilled places behind them.

James Kidd, of Wm. Elliott & Sons, will leave here July 7th for a three weeks' excursion to the Pacific coast.

Albert Small leaves for Europe July 1st and Henry Small is expected to vacate Washington for awhile and enjoy New York.

Theodore Lang has a three years' lease on a fine cottage and grounds at Mount Marion, Ulster Co., N. Y., and with his family and automobile will leave here on Thursday to devote several months to growing corn, etc., and forgetting Sixth avenue.

James H. Carroll, one of Thorley's chief of staff, is open to challenge any golf player in the florist trade. Mr. Carroll has won two beautiful silver cups, the last one at a tournament among six champions at Van Cortlandt Park, his total being 84 in 18 holes. He says golf should be substituted for bowling at the S. A. F. O. H. convention, and that only that angel's feet are in the way the mountains of North Carolina would make fine tees for puts.

The ever good and generous boys of the Flatbush Florists' Bowling Club will give Papa Zeller a surprise on his birthday which occurs June 26th. We will have more about it next week.

Capt. Lang wishes us to announce that he will give a $10 prize to the member of the New York team making the highest average during the games at Asheville.

J. Austin Shaw expects to visit Chicago and the west this week, presumably among other things to sample lake trout and get inspiration to sing whilst climbing up the golden stairs next August.

The New York bowlers met on strange alleys last night. The scores were:

Lang	164	165	147	Burns	152	153	166
Seibrecht	164	133	199	Schenck	178	...	...
Elliott	119	182	131	Hermann	130	...	...
Thielman	160	160	171	Donlan	138	...	...
Bunyard	162	111	104	Traendly	147	...	...

J. I. D.

Only two weeks more and the annual outing of the New York Florists' Club will occur. The outlook is very promising and the attendance will be double last season's, while the accommodations, amusements and entertainment will be worthy of the club and satisfactory to all who come. Bowling, shooting, base ball and athletic contests are provided for, with dancing for the young folks. Everybody is going or ought to be.

Preparations for the great carnation convention in Brooklyn next February are under way. The new society formed for the purpose of furthering the interests of the carnationists is "busy" already, and a record attendance is expected. Brooklyn seldom has an opportunity to show its ability in this line and now that the "chance of a lifetime" has arrived let Indianapolis tremble.

The Asheville trip is less than seven weeks away. The east is awake to the fact and preparations for the event are going on steadily. It is about decided that the travelers from New England, New York, New Jersey and Pennsylvania will meet at Washington the Monday before the convention opens and go by as many special trains as are necessary via Southern R. R.

Arthur Newell of Kansas City arrived in town Tuesday on his way to Old England and the home of his ancestors, happy as a boy in the prospect of seeing his mother and the familiar scenes of his boyhood.

The Peter Henderson Co. had a decided novelty in its Cortlandt street windows last week—a novelty at least to those of "sweet sixteen" years and under—a glass case full of "17-year locusts." The crowds were too great for the sidewalk space, but it was a great attraction while it lasted.

Fleischman, the florist, is erecting a $125,000 apartment house not far from his Broadway store on an adjacent street.

Flatbush is a wonderful suburb nowadays. A few years ago the florists were on the outskirts, now fine buildings are being erected almost miles beyond them. Zeller & Son have leased their old establishment for another term so that with the Meissner place which they have purchased they now have facilities in the florist and nursery lines unexcelled. This has been their busiest season and Mr. Zeller, Sr., especially shows the effect of it. Everybody is wishing him many happy returns of his birthday, the 75th one now being celebrated by his confreres.

Louis Schmutz, who just four weeks ago had both legs broken, surprised his neighbors by walking around his grounds and greenhouses last Thursday with the aid of two canes; a remarkably quick recovery.

Henry Siebrecht, Jr., will make his first trip to Europe this summer and was expected to leave on Saturday last.

The eastern nurserymen from New York and vicinity who attended the Milwaukee convention have only pleasant things to say of that city and their big-hearted Wisconsin friends.

M. A. Purdy, wholsesale florist, whose place of business has been at 57 West 30th street, removed to 119 West 30th street on Monday, June 23.

Austin.

BOBBINK & ATKINS.

A brief visit to the nursery of Bobbink & Atkins at Rutherford, N. J., leads one to exclaim, who may not have seen the establishment lately, "What hath five years wrought!" From a modest beginning, by two modest but ambitious and enterprising hortieulturists, has developed one of the most promising ventures in this vicinity. Nearly sixty acres of splendid ground now under cultivation, facilities for enlargement unequalled and a rapidity of development and patronage that must make these young men not only cheerful but "easy."

The nursery department of their business has grown marvelously, their herbaceous grounds are extensive while their stock of bay trees and ornamental evergreens is probably excelled by that of no importer in the country. Their greenhouses are filled at present with kentias of all sizes which they are disposing of rapidly in large shipments. Their offices at the nurseries are models of convenience and there seems to be no end to the projects and accomplishments of this progressive firm.

The accompanying engraving shows a block of bay trees at their nursery.

Austin.

A Block of Bay Trees at the Establishment of Bobbink & Atkins, Rutherford, N. J.

PHILADELPHIA.

The Market.

The cut flower market is in pretty fair shape for the end of June. The commission men who have cards in the REVIEW are certainly doing some shipping which is felt decidedly now, for the supply of flowers is falling off and when 1,000 nice Beauties are shipped away by one dealer, as happened on Monday, their absence is noticed. This would hardly have been the case two weeks ago the supply then being much heavier. It is difficult to say just what causes the demand, a few weddings, a few funerals, and in the case above mentioned 600 of the Beauties went to a great social event in a town in western Pennsylvania. Kaiserins are improving and are preferred generally to Bride.

Carnations are still very fine. H. Weber & Sons, Oakland, Md., are sending grand blooms of Genevieve Lord Prosperity and Norway to S. S. Pennock. The stems are some thirty inches long and the price $4 and $5 per 100. Out door flowers are not selling particularly well, except possibly double petunias. These are fairly plentiful at about 50 cents per 100. Sweet peas are in oversupply and sell very slowly. A competent judge estimates that about one-third of those sent in are wasted even at the low prices asked. Cattleyas can be had at 40 and 50 cents each. Valley is less plentiful at $2 and $4 per 100. Robert Craig & Son are sending in some nice Lilium longiflorum averaging three or four flowers to a stem. These bring $6 to $8 per 100.

Plants.

It is generally reported and believed that bedding plants sold out cleanly this season. While this is true in some instances, I regret to find many places in which there is still a springlike appearance, and no late box or bed need lack adornment for want of gayly colored blooming plants.

American Beauties.

It is an interesting fact that several out of town growers consider this market as a desirable outlet for their Beauties in summer. So apparent has this become that Leo Niessen, who has given considerable attention to the development of the summer cut flower trade, was questioned regarding the demand for fine Beauties at that season. Mr. Niessen said that while he would not advise anyone to invest money in the production of this rose during the hot weather he would take the risk himself were he a grower. That shows there is good reason to believe summer roses properly managed will pay.

While on this subject it is pertinent to note that Myers & Co. have recently erected a Beauty house on a private place, John Lonber Welsh's, that has four rows continuous ventilating sash, two on top (one on each side of ridge) and two on the sides, front and back. This certainly ought to admit air.

Notes.

M. Rice has just returned from Europe.

A fire occured on Wednesday of last week in the store adjoining H. F. Michell's seed store. Fortunately the damage was not serious at Michell's. The store was somewhat the worse chiefly from over-watering, but the stock suffered but little, being promptly moved by an efficient corps of assistants.

Two of the storekeepers uptown, Charles H. Fox and John C. Gracey, have decided to close their respective stores five nights at 6 p. m. and the sixth, Saturday, at 10 p. m. This is a move in the right direction and every uptown store should de as well or better.

H. H. Battles is cutting four or five thousand sweet peas daily at his farm. The Century Flower Shop moves a great many of them.

A Voice From the Wholesalers.

You may say what you think
About valley or pink,
Sweet violets, orchids or teas,
But 'twill be a cold day
When our Beauty gives 'way
To even such rivals as these.

An effort in favor of closing the commission houses at 4 p. m. every day has not succeeded for want of support. It is to be hoped that some plan for shorter hours will be carried out during midsummer. Why cannot each house act separately?

The Henry A. Dreer Co. have a pretty show of seasonable flowers in their store windows, gaillardia, delphinium, early phlox, etc., all neatly labelled. This firm is well pleased with business. They are busy taking account of stock and "house cleaning" at Riverton.

Bowling.

It is well known that we are to have a team at Asheville and every effort is being made to make it a great team. The club has settled the financial part of the problem by appropriating the necessary wherewithal to meet expenses. The next step is to decide who shall represent this city. A series of twelve games will be rolled on the point system, three games each on four nights, June 18 and 25, July 2 and 9, to decide six places on the team and one substitute, seven in all. The first of these nights brought out sixteen players. John Westcott and William K. Harris chose sides, the los-

ers to pay the piper, but that was only a side issue, the standing being the main thing. The total scores for the three games follow:

Moss	545	Habermehl	450
Robertson	488	Harris	450
Starkey	481	Westcott	430
Kift	478	Watson	410
Polites	473	Adelberger	376
Geo. Craig	465	Gibson	375
Anderson	460	Dunlap	358
Connor	459	Falck	351

PHIL.

CHICAGO.

The Market.

Roses and carnations are scarcer than last week, quality poorer and prices stiffer. The weather is mainly chilly and frequently cloudy and most of the old rose plants have been pulled out and houses replanted, which accounts for the short supply and poor quality, and demand has been decidedly strong. There are no really good flowers to be had and very few that would pass as seconds in winter. On roses the price is $6.00 for the best, with a few of the choicest reaching a cent or two higher, but the major part of the stock isn't good enough to command more than $3 to $5, even at such a time of scarcity.

Fairly good white carnations are especially difficult to obtain. A few of the best bring as much as $2, but on the rest $1 to $1.50 is the price, and the price obtained must certainly be satisfactory in view of the quality. The buyers probably find it less acceptable. Local retailers say it is useless to attempt to do business with so little available good stock in the market. The demand will, however, no doubt largely disappear after the present week and we can then settle down to the midsummer dullness, interspersed with the occasional demand for funeral flowers.

Candidum lilies are being received in fair quantity, but for some mysterious reason they do not meet with the demand they should under existing conditions in the market. Sweet peas are plentiful, but move rather slowly at 20 cents to 75 cents per 100. The range in price tells its own story regarding the demand for quality.

Pæonies are still a factor and move very well at fair prices. Smilax, which was scarce last week, is now quite plentiful. There are evidently some growers of smilax that don't watch the market as carefully as they should. If the receipts of this week had been divided between last week and this one their returns would have been much larger.

Various Items.

Klehm's Nursery, Arlington Heights, forced over 100,000 valley from pips of their own growing during the past season. And the flowers were better than those from imported pips, and it cost them considerably less to grow the pips than to import them. There seems to be no question that all the pips annually imported could be grown at home and money saved as well as better flowers obtained.

There is talk among the wholesalers of an arrangement to close at 5 p. m. during July and August. The matter will no doubt have been definitely acted upon before another week has passed.

The thermometer dropped to 45 degrees last Sunday night, certainly a remarkably low temperature for June. No wonder mildew is rampant.

Nick Wietor is off on another fishing trip, this time to Woodruff, Wis.

Mr. John H. Vesey, Kansas City, Mo., was a visitor last Saturday. He went from here to Ft. Wayne, Ind., to visit his brother, and will visit other points before returning home.

A "century plant" is about to bloom at Washington Park.

Mr. and Mrs. P. J. Hauswirth went to Mt. Clemens, Mich., last Tuesday. Mrs. Hauswirth will remain some time and Mr. Hauswirth will stay a few days at least, possibly a week. It is hoped that the baths will greatly benefit Mrs. H.

Geo. Ellison, Ft. Worth, Texas, was a visitor this week.

Geo. B. Scott and wife attended the wedding of a niece at Ottawa, Ill., last week.

BOSTON.

The Market.

A little scarcity along certain lines of good material, a fair run of wedding trade, more or less funeral work and a heavy traffic for commencement exercises in all kinds of schools have made us a fairly busy week and panned out quite well financially. Jacqueminot roses have had the best call, and other dark red roses about a foot long came next. Lilies seem to drive the hardest of anything in the cut flower line, but bedding plants at the auction sales go still harder. Low prices, indeed, is the order of things there.

Elliott's Law Suit.

The *Herald* prints the following clear and concise report of the result of Mr. Elliott's seven-year lawsuit, which has cost him the proceeds of the sale of at least 5,000 dozens of his roses at $2 per dozen:

The full bench of the supreme court today held, in the case of Jeremiah R. Downing against William H. Elliott, that the plaintiff, an ice dealer in Brighton, was entitled neither to damages nor to an injunction to restrain the defendant, a grower of plants and flowers, from using soft coal or other fuel that would interfere with or injure his (the plaintiff's) business or property.

The ground of the suit was that soot, dust and cinders fell from the chimney in the defendant's greenhouse into Strong pond, from which the plaintiff got his ice for his customers, leaving specks on the ice, and making it unfit for family trade, and that the use of soft coal by the defendant was a private nuisance to the plaintiff, and should be stoped. The plaintiff had to go to New Hampshire for his ice, and claimed $6,300 damages, but a master found he was entitled only to $2,451. The use of soft coal by the defendant was found by the master, however, to be only a contributing, and not the sole, cause of the injury to the plaintiff's ice; and because of this fact, that the defendant, by use of such coal, contributed only slightly to the injury, the plaintiff cannot prevail, even though the use of soft coal by the defendant is not a necessity, but saves him about $500 yearly.

The court says the defendant's business is a lawful one; he has a right to use his premises in any manner that will not interfere with the legal rights of others; it cannot be said that the use of soft coal for the purpose of generating steam of itself constitutes a nuisance, and there was nothing to show that his business was not properly carried on, and that the locality was improper. While every one has a right to have the air that comes to his premises as pure and uncontaminated as can reasonably be expected, still absolute purity in thickly settled communities is, the court says, out of the question, though one is not justified in adding to the impurity so as to further discomfort others or injure their business. But in every case the independent wrongdoer is to be held only for the consequences of his own acts or conduct. The court says:

"There was no finding that any unusual or extraordinary volume of smoke issued at any time from the defendant's chimney, and the fair import of the master's findings is, it seems to us, that while he cannot say that no soot and cinders from the defendant's chimney were deposited on the plaintiff's ice, if any were deposited, they contributed very slightly, if at all, to the injury to the ice, and the damage done by them was insignificant as compared with that resulting from other cause. He further finds that, while the use of soft coal is not a necessity in carrying on the defendant's business, it is more economical and saves him between $400 and $500 a year. If, therefore, an injunction should issue as prayed for, it not only will not afford the plaintiff the relief which he seeks, but will inflict great and unnecessary injury on the defendant. As the case stands, we do not think that the plaintiff is entitled to an injunction.

"Neither do we think that he is entitled to damages. If the alleged injuries are too slight and uncertain to be ground for an injunction, we do not see how they can be made the basis for an assessment of damages. The result is that we think the bill should be dismissed. So ordered."

Rumors.

A sweeping change in location of several retail stores is talked. J. W. Newman has already removed from Brattle street to a fine location among the quite small numbers on Washington street, and it is said that J. Newman & Sons must move, as well as W. E. Doyle, when rebuilding in that locality takes place, and that Zinn must move at the near end of his lease. His store is entirely surrounded on three sides by the gigantic Haughton & Dutton establishment and they need his room in their business.

Dead Beats.

This class of vegetable was formerly too well cultivated by the floral growers within the rim that encircles the "Hub." Growers would sell to a customer they well knew to be untrustworthy, upon his promise to pay, because it was a toss-up to do this or waste-barrel the goods. About a couple of years ago all hands seemed to think simultaneously that this kind of work was of no use, and as a result the larger part of that undesirable class of custom has been driven out of the business, helped partly by increasing competition. The better organization of hospital work under Mr. F. W. Clark's management had much to do with this, as it precludes the necessity of utterly throwing surplus flowers away, and much more satisfaction is derived from putting the flowers where they do some good than by the utilization of the snide florist. May his shadow never grow larger! An account against him must be earned four times over in collection.

J. S. MANTER.

ST. LOUIS.

The Market.

The cut flower trade is somewhat depressed and is settling down to its usual summer dullness. Roses and carnations are getting scarcer and smaller every day. We need a soaking rain and unless this comes soon there will be a scarcity of flowers of all kinds this summer. Some of the West End florists had a few late June weddings which kept them busy, and, excepting these, it was quite dull as there was very little funeral work to speak of. Nearly all the stock that comes in is poor, and really first-class stock is out of the question.

Prices on stock are about the same, only that a few good carnations bring $2, but the bulk of them still sell at $1 per 100. Roses can be bought from $5 down to $1. Brides and Maids are very small and show the effects of the very hot weather we have had. Sweet peas have slacked up somewhat and come in with very short stems; price 25 cents for a single 100. Good valley still has a call at $3 and $4. Spikes of gladioli sell from $3

to $4 per 100. Good hardy ferns are somewhat scarce and are in good demand, also asparagus and galax leaves.

Notes.

The World's Fair officials are negotiating with Mrs. L. Tesson for 1,500 ft. frontage of her property on the Skinner road, which will be reserved for the Horticultural Palace and displays. Near it will be the ten acres for the Government's experimental farm.

Frederick W. Taylor, Chief of Horticulture for World's Fair, and J. W. Schuette have returned from Milwaukee where they attended the annual convention of nurserymen. Both are much pleased with their trip.

Visitors in town last Thursday were F. W. Ude, Jr., W. Winter and A. Berdan, of Kirkwood, J. W. Dunford of Central and J. F. Ammann, of Edwardsville. All attended the club meeting at Belleville.

Mrs. John M. Hudson has gone to New York to spend the summer with her daughter, Mrs. L. Cores.

Frank Fillmore, son of F. J. Fillmore, who attends to nearly all the business at his father's place, celebrated his twenty-first birthday last week. His mother presented him with an elegant gold watch and chain. His grandfather, Francis Fillmore, who is very proud of his grandson, was present.

Mrs. M. M. Ayres, the Grand avenue florist, lost her two fine delivery wagons by fire last week. The loss is estimated at $600. Both horses were saved.

The Beyer Bros. are very busy just now remodeling and repainting their plant. Carl reports that when through with their work he will be with the boys again every Monday night at the bowling alleys.

Lost. John W. Kunz. Any information regarding him will be cheerfully received by his friends in the florist business, who are anxious to know his whereabouts.

George Augermuller, bookkeeper for C. A. Kuehn, is back at his post after a week's illness.

R. J. Mohr, of the Plant Seed Co., is back from the South and reports a good trade on his first trip out.

Club Meeting.

The June club meeting at Belleville last Thursday was a great affair. The meeting opened at 3 o'clock in the Commercial Club rooms with President Meinhardt in the chair and twenty-four members present. Dr. A. S. Halstedt introduced the Hon. John B. Hay, Mayor of Belleville, who welcomed the St. Louis florists and after a few appropriate remarks told the boys that the city was theirs for the day and to come often. The different committees reported and were continued for final reports at next meeting. Fred S. Plant, of the Plant Seed Co., was elected a member of the club. The vacancy on the board of trustees was filled by the election of William Adels. The trustees were requested to make arrangements for the annual outing to be held at Priester's Park, near Belleville, the latter part of July.

Mr. C. E. Fleming, of the L. & N. R. R., was present and made a few remarks about Asheville and how to travel the best and cheapest way. The fare will be one fare for the round trip, which is $20. J. J. Beneke was appointed by the chair to look after transportation to the convention of the S. A. F.

Mr. Carew Sanders gave a very interesting talk on his trip to California, which was listened to by the members with close attention. The talk was mainly on what he saw in the way of plants, flowers, trees and shrubs.

A committee was appointed to see the telephone people and have the wholesale florists listed under a separate heading of "Wholesale men". As it is now they are listed under the same heading as the retail florists, which simply reads "Florists". The committee consists of Thomas Miller, C. A. Kuehn, F. M. Ellis and J. J. Beneke.

Mr. J. W. Dunford extended an invitation to the club to hold its July meeting at their place, which was accepted; after which Mr. J. F. Ammann invited the members to hold their August meeting at Edwardsville, which was also accepted. So the nomination of officers will take place at Mr. Dunford's place and the election will be held at Edwardsville. As these outside meetings always draw a large attendance, a grand time is expected at each place.

A question from the box read "What is a wholesale man who makes bridal bouquets and takes the bread out of the retailer's mouth?" The answer was that he is a cannibal.

The meeting then adjourned to the bowling alleys below where a fine lunch was spread and a few games were bowled by all hands before the regular match game with the Stars of Belleville. In the All Hands game Max Herzog, our heavy weight, broke up the game by his long run of poodles. Windler, Winter, Jablousky, Halstedt, Sr. and Halstedt, Jr. all rolled fair games. After this the match game started with the Belleville Stars, of which Mr. E. W. Guy is a member. We won the first game and lost the next two. A return match will be played Monday night on our alleys at St. Louis.

The scores were as follows:

Florists.	1	2	3	Total.
Beneke	200	148	146	494
Kuehn	134	161	165	460
Meyer	216	126	163	505
Sturtz	183	132	161	476
Ellison	166	133	209	508
	899	700	844	2443
Stars	827	854	849	2530

Bowling.

The bowling club entertained the Belleville Star bowling team Monday night, and again after winning the opening game lost the other two. Young Meyer was in poor form and more or less responsible for the loss of the second game. The score was as follows:

Florists.	1	2	3	Total.	Ave.
Beneke	168	164	148	480	160
Kuehn	189	147	152	488	162 2-3
Meyer	116	113	139	368	122 2-3
Sturtz	195	173	156	524	174 2-3
Ellison	210	197	132	539	179 2-3
	878	794	719	2399	159 14-15
Stars	813	817	814	2444	162 4-15

Those who did not take part in the match game rolled among themselves with F. C. Weber again high man. This gave Mr. Weber a good lead for the first prize. The series will end next Monday night. The scores were:

	No.	1	2	3	Total.
F. C. Weber	35	179	174	167	520
Tho. Miller	30	159	179	155	493
Will Adels	35	180	142	148	470
F. M. Ellis	35	119	174	150	443
John Young	35	154	143	128	425

J. J. B.

CINCINNATI.

Trade has been highly satisfactory from all points of view during the past week. The demand for stock has been remarkably active; a shortening in the supply has helped things wonderfully, and prices had an upward tendency. A spell of cool weather has also added its influence and there is a marked improvement in many kinds of stock.

The retail stores, too, were doing a good business and every morning there is a rush at the commission houses that sometimes resembles a bargain counter at a dry goods store. The buyer is fast recognizing the fact that the early bird gets the fattest worm, and many florists are waiting about the doors of the wholesale houses before the latter have opened in the morning.

All this has its effect on the market, and generally ends in helping to fill the purse of the grower. It goes without saying that the wholesale man is also benefited and I believe that the retailer is also, as when flowers are scarce business is plentiful, and vice versa.

The cool spell did wonders for the carnation and I doubt if there is another market that is receiving a better grade of carnation than Cincinnati is at present. Although a week ago it looked as if the carnation had seen its finish for this season, a few cool days told another story, and I do not doubt that the first of July will see a better grade of them in this market than ever before at that time. White ones are scarce. Red is holding out very well as to color and size. Ordinary grades in all colors bring 75 cents to $1 per 100; medium and fancy, $1.50 and $2.00.

Roses, too, are doing nicely and anything fit to sell is sold out clean and quick. The demand for them is much greater than the supply, so the price is well sustained. There are great quantities of red roses, both Liberty and Meteor, to be had and this color is the only one that you are sure of getting at all times. Some very good Beauties are seen at times and the best of them are first class and bring $2.50 to $3 per doz., other grades down to $1 per doz. The very best Brides, Bridesmaids, Liberties, etc., bring 5 to 6 cents, others 2 to 4 cents, and, owing to scarcity, these figures are well sustained.

In other stock, Sweet peas are very slow sale and the majority go for 25 cents per 100, and many at less. A few pæonies are still to be seen but they meet slow sale. Although there is a very good demand for longiflorum lilies there are next to none to be had. It would pay some large grower of this bulb to try this market.

Smilax is unusually fine and there is enough to fill all orders at $12.50 to $15 per 100. Asparagus in strings and bunches sells well at 50 cents each. Eastern ferns are now in and bring $1.50 per 1,000.

Notes.

The first out-door meeting of the Cincinnati Florists' Society will be held on July 10th, Thursday, at Chas. Pommert's farm at Amelia, Ohio. Trains going leave Carvel street station, East End, at 9:15 and 11:25 a. m. and returning leave Amelia at 4 p. m. The majority of the florists will take the 11:25 train. Everyone is invited to be present.

Mr. J. T. Congers' loss by hail is

SAMUEL S. PENNOCK, Wholesale Florist.
SELECT VALLEY..... 1612 Ludlow St. PHILADELPHIA, PA.
During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.
Mention The Review when you write.

about 800 sq. ft. of glass, covered by insurance.

Garfield Park which is situated in the heart of the city is in A 1. shape this year; in fact, never was known to have looked better. Park Superintendent B. P. Critchell has placed the palms from the city greenhouses in artistic groups throughout the park, and the effect is fine and is a credit to our city.

C. J. Ohmer.

Springfield, O. — The Springfield Floral Co. has been incorporated with a capital stock of $40,000, by V. Y. Smith, George Steele, James P. Goodwin, John Mellinger, Gustave Schneider and Leman Bradford. This company purchased the greenhouses of the John A. Doyle Floral Company, paying $21,000 for the property.

Hobart, O. T.—Jones Bros. & Co. have been incorporated with a capital stock of $25,000, to transact a general nursery business.

Orion, Mich.—Dungey's greenhouses will be moved to Rochester, Mich., the Rochester Business Men's Association agreeing to stand the cost of removal.

Dunkirk, N. Y.—Wm. Schwan, the Fredonia florist, contemplates erecting a large greenhouse on Prospect avenue, this city. It will be run as a branch of his Fredonia business.

Tipton, Ind.—A. C. Anderson, the florist, has suddenly disappeared, leaving creditors behind at this place, the amount aggregating $2,000.

I cannot do without the Review. It fills the florists' bill.—E. O'Neil, Wheeling, W. Va.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—Good gardener with knowledge of greenhouse work for private place on the North Shore, Chicago. Permanent position for good man. Address North Shore, care Florists' Review.

WANTED—A foreman, sober, reliable, up-to-date grower of carnations, mums and bedding plants; state wages and address Daniel E. Gorman, Williamsport, Pa.

FOR SALE—12 boxes glass 16x22 and 12 boxes 16x24. S. S. A. Carefully packed, at $2.75 per box. Davis Bros., Morrison, Ill.

FOR RENT—A prosperous retail and wholesale business; new houses complete; 15,000 feet of glass, 16x24; one acre of land and dwelling; rent $60 per month; opposite Woodmere cemetery gates; one mile from Detroit, Mich. Address Anton Kaier, Woodmere P. O., Mich.

Always mention the Florists' Review when writing advertisers.

WANTED—A florist, must be a good, steady, sober man, one who is capable to take charge of a medium sized place and grow a general collection of plants. Married German or Swede with a small family preferred. Wages $50.00 per month and house rent. References required. Address C. W. Moore, Muskogee, Ind. T.

WANTED—A reliable man to take charge of retail place, 2000 ft. glass; steady; good home, $20.00 and board. W. J. Olds, Union City, Pa.

WANTED—A young man with some experience in greenhouse. State wages with room and board. Must be sober, reliable and a good worker. Address Fred. J. King, Ottawa, Ill.

WANTED—Three or four good rose growers. Good wages to right men. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

WANTED—Two men for general greenhouse work. Steady work to the right ones. Chapin Bros., Lincoln, Neb.

WANTED—A hot water boiler, new or second-hand, to heat about 8000 sq. ft. of glass. State particulars and lowest cash price. Trail Price, Columbia, S. C.

WANTED—Working foreman used to growing roses. Cole's Greenhouse, Battle Creek, Mich.

SITUATION WANTED—By a young Swedish man in a greenhouse near Chicago. Has had 10 years experience. Small wages expected. N. Nilson, Ohio, Ill.

WANTED—Young man with two or three years' experience in general greenhouse work and gardening; must be strictly sober; wages $20.00 for first three months, after that $25.00 if satisfaction is given; steady situation. C. L. Van Meter, Monticello, Iowa.

WANTED—At once—florist, one who is handy in design, decorating and general greenhouse work; must be sober, honest and willing to work; a steady place; state wages. W. H. Humfeld, 9th and Highland, Kansas City, Mo.

WANTED—To rent with privilege of buying, a medium size place in good condition; Illinois, Iowa, Indiana or Michigan. Address 50, care Florists' Review

WANTED—Competent grower to take charge of range of roses, mostly Beauties; give reference and state wages J. F. Ammann, Edwardsville, Ill.

WANTED—At once—sober, industrious man between 25 and 35 years of age; must have knowledge of general greenhouse work; wages $20.00 per month with board; American preferred; reference required. Address I. L., Tacony P. O., Philadelphia, Pa.

SITUATION WANTED—As manager or foreman on medium sized cut-flower growing establishment; married; state wages, etc. Address Manager, care Florists' Review.

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

WANTED—A steady young German, 18 or 20 years of age, for greenhouse and out-door work, with some experience on a private place. $20.00 per month and board. E. G. Gillett, 113 East 3rd street, Cincinnati, Ohio.

WANTED—At once—a No. 1 chrysanthemum grower, must come well recommended, a steady position to the right man. Address Nanz & Neuner, Louisville, Ky.

WANTED—Man experienced in general greenhouse work. $25.00 per month and board. Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 725 E. State Street, Redlands, Cal.

FOR SALE—Tabasco hot water boiler, No. 32, price $50.00; magazine feed and carries fire 8 to 10 hours; in good order and has new grates used past season only; capacity, 10 0 to 3000 feet of glass. Write for further particulars. Terms cash. W. H. Culp & Co., Wichita, Kan.

WANTED—At once, a reliable florist. Must be sober, honest, and a good worker; one that is capable to take full charge of medium sized place and grow a general collection of plants and cut flowers for retail store trade. State wages with board and send good references of recent date in first letter. Good wages and steady place to right man. Fred J. King, 220 Madison street, Ottawa, Ill.

WANTED—Young man to learn the greenhouse business and the growing of roses and carnations; state age. Apply to John L. Wyland, De Haven, Pa

SITUATION WANTED—By experienced florist; roses, carnations, mums, specialty; good wages expected. Best of references. Florist, 1 Blair Street, Cleveland, Ohio.

FOR SALE—Greenhouse; good local trade of plants and cut flowers; well stocked; including residence; good reason for selling. Address Paul Stark, Liberty, Mo.

FOR SALE—Two hot water boilers, uprights, one Spence No. 2, one Hitchings No. 2, perfect, with gas burners. Geo. Stafflinger, Springville, N. Y.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

For Sale. Branch of large retail florist in heart of city of Chicago. Excellent opportunity. Elegantly fitted out. Splendid high class trade. Established 9 years. **Only $500.00.** Address C. R., care Florists' Review.

WANTED.

30 Boxes Glass, double or single, in good condition, 50 ft. per box; give lowest prices; size 14x16 or longer; F. O. B. Hutchinson, Kan.

JOHN STAMM, Hutchinson, Kan.

WANTED HOT WATER BOILER, capable of heating 3000 to 4000 ft. of glass. Give all particulars, number and make, how long used, condition it is in, etc. Price F. O. B. Wilton Address JOHN BEIMFORD, Wilton Junction, Iowa.

WANTED—Competent working-foreman to grow roses, carnations, mums and general bedding stock. $60.00 per month to right man. References required. Central Greenhouses, Sandusky, Ohio.

WANTED By one with a national reputation as a decorator and maker-up, the best position available in a retail store. Able to take charge. State terms.

ILEX, care Florists' Review.

WANTED — At once — a clever Beauty grower with executive ability to manage a rose place in New Jersey. Call or address

JOHN WELSH YOUNG,
Philadelphia, Pa.
Upsal Station, Penna. R. R.

Charles Millang, 50 W. 29th St. NEW YORK.

All through the early morning hours
I hear the music of the flowers,
And day and night their voices ring;
And this the song I hear them sing:—
"Long live Millang The Lily King!"

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to.
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

Mention The Review when you write.

DETROIT.

It is a long time since any note appeared from Detroit but we are still alive, though in rather a torpid condition, resulting from the very changeable weather with which we have been favored, and at this writing one cannot sit out of doors and must have a fire to be comfortable inside. Yet everything in vegetation seems to grow and do well, especially weeds and carnation plants.

Spring sales have been better than for some years, all the florists reporting trade as very good, the last week being especially so in the cut flower line on account of the graduating exercises of the public schools, so that both wholesaler and retailer feel satisfied with the wind up and are looking forward to a well earned outing.

Club Notes.

The last meeting was mostly taken up by a discussion of the merits of different brands of so-called sheep manure brought out by Mr. Scribner asking a few questions of a representative of an eastern firm, one of which was: "What do you put in it to make it smell so strong?" But he was not able to elicit much information.

It was decided to take an outing to Bois Blanc Park early in July with all the families and employes, where games, etc., will fill out the day.

Mr. Bigsbee, of Clucas & Boddington was present and gave a very interesting talk on the various new carnations he had seen growing this season.

RAG.

LONDON, ONT.

Now that the season is nearly over and we can view our empty houses and have a little time to compare the season's sales with those of last year, it is very gratifying to note the decided increase in sales and the improvement in prices, the latter a fair average of 25 per cent on all bedding stock. Cut flowers, too, have maintained a uniform price and steady demand, with no surplus worth speaking about. On the market enormous quantities of bedding plants and annuals, pansies and vegetable plants in boxes and baskets, have been disposed of at better prices than for several seasons. The weather has been very favorable for planting; though cold and frosty at times there has been an abundance of rain and vegetation is luxuriant.

It is not too early to think about convention matters, and with the central location of the convention city (Hamilton, Ont.) there should be a large attendance, not only of Canadians, but its convenient location should induce many from across the border who find the distance an obstacle in attending the S. A. F. meeting.

LOND.

DREER'S RELIABLE Cinerarias, Priumlas, Etc.

Our strains of the following florist flower seeds have been selected with the greatest care and can be depended on to give the very best results.

	⅛ tr. pkt.	Trade pkt.
Cineraria, Dreer's Prize Dwarf, xxx fine	$0.60	$1.00
" " " Tall, " "	.60	1.00
" " Choice Dwarf, very good		.50
" " " Tall, " "		.50
Calceolaria, large flowering, tigered and spotted	.60	1.00
	100 seeds.	1000
Cyclamen Giganteum, pure white	$0.75	$6.00
Rose, blood red, white, carmine eye	.75	6.00
Finest mixed	.60	5.00

CHINESE Fringed Primulas.

Full trade packets, any of the following, $1.00. Half-trade packets, any of the following, 60 cts. A trade packet contains from 500 to 1000 seeds, according to variety.

Alba, pure white.
Alba magnifica, an extra fine white.
Rubra, dark red.
Chiswick Red, bright scarlet
Rubra Violacea, irredescent red.
Rosy Morn, delicate pink.
Kermesina splendens, crimson.
Holborn Blue.
Fern-leaved, mixed.
Dreer's Choicest Mixed, an extra fine mixture of all the finest sorts.

HENRY A. DREER, PHILADELPHIA, PA.

Mention The Review when you write.

ROCKFORD, ILL.—Mrs. James Corlett, daughter of Mr. C. H. Woolsey, the florist, died last week, aged 23 years. Her death followed an operation at a local hospital, from the shock of which she failed to rally. Much sympathy is felt for the stricken relatives and friends.

WE ARE sorry to have to report that Mr. William Scott is laid up with an attack of neuralgia. He was therefore unable to send anything for this week's issue.

THE REVIEW is the only paper that gives the retailer "a show for his alley."—FRANK SHIBELEY, San Francisco, Cal.

MINNEAPOLIS, MINN.—The American Seed Trade Association is now holding its annual convention in this city.

Asparagus Plumosus

4-inch, strong, at $10.00 per 100.

SMILAX, 2-inch, strong, at $1.50 per 100.

Bone Meal, BEST for Florists' use. at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Palms

Home Grown, Fine Clean Stock, Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

CHAUTAUQUA, N. Y.—Mrs. H. D. Irwin reports plant trade as better than ever before. Bedding is about done in this section and the plants are looking fine on account of the cool and wet weather.

WHEELING, W. VA.—The bedding out season is over and E. O'Neil reports it the best Wheeling has ever had. All the florists have sold everything they had and at good prices.

A "BOA."—From a daily paper we learn that part of the floral decorations for a luncheon consisted of a "boa" of sweet peas and smilax.

Valley and Beauties of Extra Fine Quality.

WILL BE OPEN from 7 A. M. to 6 P. M. AFTER JULY 1st.

LEO NIESSEN,
N. W. Cor. 13th and Filbert Sts.
PHILADELPHIA, PA.

JOHNSON & STOKES' KINGLY COLLECTION PANSY.

The Prize Strain that has delighted thousands of our customers with its gorgeous colors, great substance and immense size of flowers.

A TRIAL ORDER will convince you of its superior merit, and **listen!** You will thank us for introducing this incomparable strain to your notice. Packets sold as follows: 1000 seeds, **30c;** 2000 seeds, **50c;** 5000 seeds, **$1.00;** per ¼ ounce, **$1.25;** per ounce, **$5.00.**

JOHNSON & STOKES, 217-219 Market Street, **PHILADELPHIA, PA.**

ST. PAUL.

The June trade in cut flowers has been very good. Everything has been in demand. Beauties retail at $3.00 to $6.00 per dozen, other roses at $1.50, with a few fancy Meteors at $2.00. Carnations are 50 and 75c per dozen. Sweet peas 25c per bunch of 25. Valleys 75c per dozen for good stock. Pæonies are about all gone; they have been in fair demand at 50c to $1.00 per dozen.

All stock is now quite scarce. The growers are throwing out their old roses and there are not enough planted for summer blooming to supply the local demand. Carnations are becoming quite small, owing to the hot weather. Outside sweet peas are beginning to come in. Funeral designs have been in great demand, and there has been an unusually heavy shipping trade for weddings, school commencements, etc.

A. S. Swanson is cutting some very nice longiflorum lilies which are in good demand at this time.

Holm & Olsen are receiving some choice carnations from P. Clausen of Albert Lea.

Carl Petersen, who came here in the winter from Chicago, and has been working for L. L. May & Co., has started in business for himself. He will erect some houses on Stryker avenue and grow bedding stock principally.

N. C. Hansen has purchased five acres of ground containing a house on Dale and Maryland streets and will soon erect a range of houses for growing carnations.

L. L. May & Co. will erect six new houses with an aggregate of 15,000 square feet of glass and rebuild their large show house erected 15 years ago. Mr. Ickes, with A. Dietsch & Co., Chicago, was a recent caller, coming up to draw plans for these houses.

Holm & Olsen have broken ground for a range of houses, on Duke street near Pleasant avenue.

J. McHutchinson, representing Aug. Rhetert, of New York, was a recent caller.

Visitors to the Seedsmen's Convention in our sister city are beginning to arrive. Among those calling to-day were C. P. Branslan, of San Jose, Cal.; Mr. Craig, of Memphis, Tenn.; and Mr. Corneli, of Schisler-Corneli Co., St. Louis, Mo.

L. L. May and family have moved to their summer home at Mayfield Farms, near Lakeland. X. Y. Z.

De Haven, Pa.—Wm. Scott, formerly with Bassett & Washburne, Hinsdale, Ill., has taken a position with John L. Wyland here.

CHRYSANTHEMUMS.

We have a large stock of fine plants from 2½-inch pots, ready to ship on short notice. Our selection of Standard Varieties, $20.00 per 1000; $12.00 per 500. Write for prices on large orders. Following is a partial list; send for complete list.

	Per 100		Per 100
T. Eaton	$4.00	H. A. Parr	$3.00
Nellie Pockett	8.00	R. Halliday	4.00
Lady Roberts	8.00	Major Bonnaffon	3.00
Mrs. E. D. Smith	6.00	Philadelphia	5.00
Golden Beauty	8.00	Modesto	3.00
Mrs Chamberlain	8.00	Nagoya	3.00
Mme. F. Bergmann	3.00	M. de Montmort	3.00
Willow Brook	3.00	Glory of the Pacific	3.00
Merry Monarch	3.00	Lady Harriott	6.00
Polly Rose	3.00	Maud Dean	4.00
G. S. Kalb	3.00	Xeno	3.00
Ivory	3.00	Geo. W. Childs	4.00
Mrs. J. Jones	3.00	Intensity	4.00

H. WEBER & SONS, OAKLAND, MD.
Mention The Review when you write.

WHOLESALE GROWERS .....OF..... Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.
WHOLESALE BULB GROWERS,
PETERSBURG, VA.
Mention The Review when you write.

Lily of the Valley!

The finest now ready to cut.

H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.

Fine Pips from Cold Storage $13.00 per 1000.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of
MACHINE WIRED TOOTHPICKS
10,000....$1.50; 50,000....$6.25

3000 6-Inch Wired Flag Sticks, $1.20
Samples free. For sale by dealers.
Mention The Review when you write.

Asparagus Sprengeri

2¼-in., $1.50 per 100.
Smilax, 2-in., $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., Utica, N. Y.

Always mention the Florists' Review when writing advertisers.

George M. Moss

WHOLESALE FLORIST.

Beauties, Brides, Maids, Carnations, Daisies, Sweet Peas, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.

EDWARD REID

WHOLESALE FLORIST.

Everything Seasonable for COMMENCEMENTS and WEDDINGS.

1526 Ranstead Street, PHILADELPHIA.
Store closes at 6:30 P. M. during June.
Long Distance Telephone.
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ARAUCARIA EXCELSA.

4-inch pots,	5 to 7	inches high,	2	tiers	$0.35 each
5 " "	8 to 10	"	3	"	.50 "
6 " "	10 to 15	"	3 to 4	"	.75 "
6 " "	16	"	4	"	1.00 "
6 " "	20	"	4 to 5	"	1.25 "
7 " "	24	"	4 to 5	"	1.50 "

ARAUCARIA EXCELSA GLAUCA.

5-inch pots,	8 to 10	inches high,	2	tiers	$0.75 each
6 " "	12	"	2 to 3	"	1.00 "
6 " "	15	"	3	"	1.25 "
7 " "	18	"	4	"	1.50 "

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10	inches high,	2 to 3	tiers	$1.25 each
6 " "	12	"	3	"	1.50 "

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50,000 **SURPLUS PLANTS** in fine shape; going fast.

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Golden Gates	$3.00	$25.00	$4.50	$40.00
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If wanted by mail always add 10c per 100.
CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md.

DENVER, COL.

Trade Conditions.

The florists are having a chance to recuperate after their hard work of the past six weeks. The demand for plants has been far greater this year than ever before, and instead of having a large number left over, the different florists have been chasing all over to get stock to fill their orders.

Prices have been fair. In cut flowers good stock is scarce and in demand, while much of the common stock goes into the trash heap. There have been the usual June weddings, some of which used elaborate church decorations. Roses are selling from $1 to $3 per dozen; carnations, 50 cents to 75 cents.

Notes.

At Benson's new place in South Denver we find his carnations and violets all planted in the benches and doing nicely. He will not put in his glass until later in the season. At his old place in Petersburg his carnations look well for this time of the year; in fact, they have been at the top notch during the season. He gives up this place, which he leased, in July and Andrew Haig will lease it and grow flowers and vegetables.

A. W. Lewis, of the Gallup Floral Co., has been quite sick, but I am glad to state is again up and around the store.

Ben Boldt, foreman for the Park Floral Co., has resigned and accepted a position in the same capacity at Daniels & Fisher's plant "Mud Lake". Ben is very popular among both his employers and those employed by him, as was shown one evening just before he left. The boys prepared lunch in the potting sheds and during the evening presented him with a watch charm, and Mr. Valentine, representing the Park Floral Co., gave him a handsome gold watch.

The Denver Floral Co at its next meeting will discuss the question of having a 'mum show this fall and we expect a large attendance at the meeting. The club is doing nicely, with fair attendance, considering that we meet twice a month. One thing that favors the attendance is the fact that rarely, if ever, have any of the five officers been absent since the first of the year. That brings out the boys. The club is going to give its annual picnic soon and all are looking forward to it with much pleasure, especially as it is in the hands of an A 1 committee — Fraser, Haig and Shiloock.

The club had made and presented to A. J. Graham, manager of the spring show, an elaborate Masonic watch charm. Mr. Graham was called to the floor and thanked for the care and attention he had devoted to the show to make it the success it was, and was presented with what he thought was a set of resolutions, and on being asked to read them he opened the scroll of paper, handsomely tied with ribbon, and you can imagine his surprise when instead of written resolutions there was the charm. Though taken aback, he rallied and replied in his usual happy manner.

THORNE.

ST. PAUL, MINN.—The summer meeting of the Minnesota State Horticultural Society was held at the State Experiment Station, St. Anthony's Park, June 19. Several interesting papers were read and a basket lunch was served.

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To close out surplus stock we will offer the following goods at greatly reduced prices until sold. Orders filled in rotation. Order quick to insure these prices. Cash with order.

Sphagnum Moss Clean and fresh. 5 bales, $4.00; 10 bales, $7.00; 25 bales, $16.50.

Wheat Sheaves Per doz, A, $1.40; B, $2.25; C, $3.25; D, $4.50; E, $5.50; F, $7.00; G, $9.00.

Ribbons Best florists satin, all colors, per bolt, No. 5, 45c; No. 9, 70c; No. 12, 95c; No. 16, $1.10; No. 22, $1.20.

Cycas Leaves Best imported stock, 24 to 48 inches, assorted, per doz., $2.00; per 100, $15.00.

Baskets All kinds in assortments, $5.00, $10.00 and $25.00, 10 per cent less than regular prices.

Tin Foil Either 5 or 7-inch, 5 lbs., 45c; 10 lbs., 80c; 25 lbs., $1.95; 100 lbs., $7.50.

White Pampas Plumes Select stock, per 100, $2.50; per 1000, $20.00.

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in the following varieties:

Florence Vaughan, J. Wilkinson, Elliot, Mme. Crozy, Pandora—bronze foliage, Sec'y Chambone. Will close out the above at **$4.00** per 100. Strong plants.

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Specialist for Summer Grown Roses and Carnations.

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POT ROSES 2½-inch well-grown Maids and Brides, **$2.50** per 100; **$22.50** per 1000
3-inch, extra fine, Maids and Brides....**$4.00** per 100; **$32.50** per 1000

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes Emersoni, 2-in. pots, $2.00 per 100; rooted cuttings, 75c per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUM.

Ageratums, blue; 2½-in., $2.50 per 100; 4-in., $5.00 per 100. Strong, clean plants.
La Roche, Collingdale, Pa.

ALTERNANTHERA.

Alternantheras, red, as good as can be grown, 2-in., $2.50 100, $20.00 1,000. Cash. B. F. Muschert, Penn Valley, Pa.

Alternantheras, red and yellow; strong plants from 2½-in. pots, $2.00 100; $15.00 1000.
Chas. W. Thompson, Bayonne, N. J.

Alternantheras, red; fine plants, $2.00 per 100. Cash. Geo. E. Faucourt, Kingston, Pa.

Alternantheras, 2-in. pots, $2.00 per 100.
R. Vincent, Jr. & Son, White Marsh, Md.

AMPELOPSIS.

Ampelopsis quinquefolia, 5-in., extra strong $5.00 doz. Bobbink & Atkins, Rutherford, N. J.

ARAUCARIAS.

ARAUCARIA EXCELSA.

Pots.	High,	Tiers.	Each.
4-inch	5 to 7 inches	2	$0.35
5-inch	8 to 10 inches	3	.50
6-inch	10 to 15 inches	3 to 4	.75
6-inch	16 inches	4	1.00
6-inch	20 inches	4 to 5	1.25
7-inch	24 inches	4 to 5	1.50

ARAUCARIA EXCELSA GLAUCA.

Pots.	High,	Tiers.	Each
5-inch	8 to 10 inches	2	$0.75
6-inch	12 inches	2 to 3	1.00
6-inch	15 inches	3	1.25
7-inch	18 inches	4	1.50

ARAUCARIA ROBUSTA COMPACTA.

Pots.	High,	Tiers.	Each.
6-inch	10 inches	2 to 3	$1.25
6-inch	12 inches	3	1.50

H. A. DREER, 714 Chestnut St., Philadelphia.

Araucaria excelsa glauca, 5-in., 3 tiers, $9.00 doz.; 7-in., 4 tiers, $24.00 doz. Araucaria excelsa, 7-in., 5 tiers, $24.00 doz. Bobbink & Atkins, Rutherford, N. J.

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ASPARAGUS PLUMOSUS NANUS. We devote twelve large houses to this specialty. 2-in., immediate delivery, $4.00 per 100; $35.00 per 1000; 5000 for $150.00. Cut strings of asparagus at any time, $6.00 per doz.; $50.00 per 100. Asparagus, long sprays, $2.00 per 100; $20.00 per 1000. Sprengeri, 2-in., $3.00 per 100; $25.00 per 1000.
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Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000; A. Sprengeri, strong plants, 2½-in. pots, $3.00 100, $25.00 1000. Isaac H. Moss, Govanstown, Baltimore, Md.

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Asparagus plumosus nanus, fine 2-in. stock, $3.00 per 100, $25.00 per 1000. C. Betscher, Canal Dover, Ohio.

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Cut strings, 50 cents each.
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Asparagus Sprengeri, 2-in., $2.00 100. Cash. Geo. L. Miller, Newark, O.

Asparagus Sprengeri, 2¼-in., $1.50 100.
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Asparagus plumosus, 4-in., $10.00 100.
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Asparagus Sprengeri, $12.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus, all sizes.
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Aspidistra, fine stock, $1.50 per 100 leaves; 50 at 100 rate. Haskell Ave. Floral Co., Dallas, Tex.

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Semple's white, purple, rose and shell pink; separate colors. $2.50 per 1000; all colors, mixed, $2.00 per 1000.

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Special prices on large lots of mixed varieties. A. & G. Rosbach, Pemberton, N. J.

Asters. Transplanted plants of Semple's mixed colors; Victory, Giant Comet, Trauffaut's Perfection, mixed. Fine plants, 40c per 100, $4.00 per 1000. Cash.
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Asters, transplanted plants of Giant Comet White, Semple's Branching, Carlson's Impr., Daybreak and Purity, 60c per 100, $4.00 per 1,000. Delivered free at your station for cash with order. Henry Diers, Sibley, Ill.

A few thousand white and pink aster plants left. Best tall-branching from seed bed, $2.00 1000; transplanted plants, $3.00. Strong, sturdy plants. S. J. Galloway, Eaton, Ohio.

First-class aster plants of Semple's Branching and Queen of the Market, separate colors, 50c 100, $4.00 1000. Harry White, R. D. No. 6, Wabash, Ind.

Asters. Transplanted plants of Semple's, strong, ready to set out, 50c per 100. W. G. Haebich, Auburn, Ind.

Semple's white, Victoria, Perfection and Comet, 25c 100. Cash. Mrs. Griswold, Worthington, O.

Asters, transplanted; all varieties, 35c 100, $3.00 1000. Converse Greenhouses, Webster, Mass.

BANANAS.

The most ornamental, royal-like, and yet the most easily and quickly grown in North of all tropical plants. Every lover of horticultural magnificence should have a few. For next 30 days, strong bulbs postpaid $1.50 per doz.
South Florida Nursery Co., Dade City, Fla.

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STANDARD and PYRAMID
Bay Trees. Cheapest and finest in the trade
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Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

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1700 Geraniums, Andrew, bright pink, semi-double, one of the best bedders, out of 4-in. pots, 6c.

1200 Geraniums, Andrew, bright pink, semi-double, one of the best bedders, out 3½-in. pots, 5c.

500 Geraniums, double white, out 4-in. pots, 6c.

1500 Geraniums, assorted colors, out 4-in. pots, 5c.

500 Scarlet Sage, strong plants, out 4-in. pots, 5c.

500 Ageratum, Princess Pauline, light blue, the best bedder, out 3½ and 4-in. pots, 5c.

300 Fuchsia, single flower, good bedding sort, out 5-in. pots, 7c.

1500 Alternanthera, red, 2½c.

700 Alternanthera, yellow, 2½c.

125 Pink Rambler Roses, strong plants, 5 and 6-in. pots, 15c.

50 Yellow Rambler Roses, strong plants, 5 and 6-in. pots, 15c.

50 Empress of China, strong plants, 5 and 6-in. pots, 15c.

All plants offered out of pots. Roses can remain in if so desired. Cash with order.
C. RIBSAM & SON, Trenton, N. J.

SPECIAL PRICE LIST.

Geraniums, Queen of the West, single 100 scarlet, 4-in. pot	$3.00
3-in. pot	2.00
Solanum, white, flowering, 3-in. pot	2.00
Heliotrope, blue, 3-in. pot	2.00
Giant Sweet Alyssum, 2½-in. pot	2.00
Achyranthes, red and yellow, 2½-in. pot	2.00
Salvia Splendens, 2½-in. pot	2.00
Asparagus Sprengeri, 3½-in. pot	5.00
Bride rose plants, 2½-in. pot	2.50
Burbank Cannas, 4-in. pot	4.00
1000 Verschaffeltii and 1000 assorted Coleus, from 2½-in. pots	1.50

R. FRANK BARR, Lancaster, Pa.

BEDDING PLANTS.
4-in., $5.00 100, $40.00 1000.

Geraniums, assorted, very strong, healthy plants in bloom; rose geraniums, extra fine, bushy plants; fuchsias, Black Prince and Elm City, very strong, bushy; double petunias, nice, in bud and bloom; dwarf ageratums, Princess Pauline and Stella Gurney; pelargoniums (Lady Washington), very strong, bushy plants; leokoyen (stocks), fine, in bloom; Primula obconica, strong plants in bloom; Begonia argenteo-guttata, fine, nice plants.

2½-in., $2.00 100, $15.00 1000.

Coleus, very fine foliage plants; alternantheras, aurea nana and amoena rosea; alyssum "Little Gem," dwarf; petunias, single, nice strong plants in bloom; lobelias. Emperor William, dwarf, blue; Dracaena indivisa, 6-in. 35c, 5-in. 25c, 4-in. 12½c.

POLISH FLORAL CO., 1180-1192 N. Hamilton Ave., Chicago.

Look at this, Geraniums.—S. A. Nutt, double and single Gen. Grant, Mrs. E. G. Hill, La Favorite and others, 3-in. pots, $4.00 per 100; 4-in., $6.00 per 100. Mme. Salleroi, fine, 2½-in. stock, $4.00 per 100.

Cannas.—Chas. Henderson, strong, 4-in., $5.00 per 100.

Coleus.—Fine, from 2½-in. pots, 6 varieties, $2.50 per 100.

English Daisies.—Pot grown, $3.00 per 100.

A nice lot of Dracaena Indivisa, 24 to 30 in. high from top of pot. $5.00 per doz. Cash, please.
L. C. Holton, Bennington, Vt.

SURPLUS STOCK.

500	Geraniums, 4-in.	$4.00 per 100
1000	Geraniums, 3-in.	2.00 per 100
500	Mme. Salleroi, 2½-in.	2.00 per 100
500	Centaurea candidissima, 2½-in.	2.00 per 100
300	Alternanthera, red and yellow.	1.50 per 100
100	Achyranthes, 2½-in.	2.00 per 100
300	Coleus, 2½-in	2.00 per 100
30	Dracaena indivisa, 6-in.	.30 each.
20	Dracaena indivisa, 5-in.	.20 each.

Crown Point Floral Co., Crown Point, Ind.

Cannas Florence Vaughan, Mme. Crozy, Chas. Henderson, Burbank, strong, 5-in., 7c.

Alternanthera, red and yellow, 2½-in., 2c.

Mooonvines, 5-in., 7c.

Verbenas, fine stock, 2½-in., 2c.

Will exchange for small Boston Ferns, Carnation cuttings, Small Palms, or Asparagus P. N.

Cote Brilliant Nursery, 1902 Belt Ave., St. Louis, Mo.

	Per 100.
Geraniums, 3½ and 4-in., bud and bloom	$5.00
Centaureas, 2½-in.	1.50
Alternantheras, red and yellow	1.25
Lobelias, trailing, blue, 2½-in.	1.00
Coleus, mixed, 2½-in.	1.50

WILLIAMS & SONS CO., Batavia, Ill.

Bedding plants. Large stock always on hand. Write for prices. Alternanthera, yellow and red, $18.00 per 1000. Fuchsias, best varieties, $5.00 per 100. Geraniums, best bedding stock, $6.00 a 100. Silver Leaf Geraniums, $5.00 per 100.

PERRY & GLOEDE, Berriman St., cor. New Lots Ave., Brooklyn, N. Y.

Geraniums, 3000 Double Gen. Grant, 1000 S. A. Nutt, 200 Poitevines, 500 Fred Fitzer, 1000 La Favorite. All fine plants in good condition, $6.00, $5.00, $2.50, from 4, 3½ and 2½-in. pots. Also Cannas, Coleus, Fuchsias, etc.

THEODORE SEARLES, Box 303, Port Chester, N. Y.

Alternantheras, 2¼-in. pots; 4000 Yellow, 3000 Versicolor, 4000 Paronycholdes, $20.00 per 1000; 1500 Hermsdorff, $25.00 per 1000.

Cannas, all leading varieties, 5-in. pots, $8.00 to $10.00 per 100.

CHARLES E. KOCH, 326 Clarkson Street, Flatbush, Brooklyn, N. Y.

Geraniums, in fine bloom, $5.00 per 100. Double Gen. Grant, Double scarlet La France, Double White. Also a few hundred Verbenas at $2.50 per 100, mixed.

JOSEPH JONES, Box 5, Wappingers Falls, N. Y.

Geraniums, 4-inch, $4.50 per 100, 2½-in., $2.50 per 100. Alternanthera, red and yellow, $1.00 per 100. Cash, please.

PARKVILLE NURSERIES, Coney Island Avenue, Brooklyn, N. Y.

La Favorite ger., 4-in., $5.00. Mme. Salleroi, $2.50. Rex Begonias, 2-in., $3.00. Asthericums, 3-in., $2.00. Cash. Dana & Son, Westfield, N. Y.

BEGONIAS.

Begonias—Rubra, Argenteo-Guttata, Carnot, De Lessepa, Metallica, large, strong, 2½-in. pots, $2.50 per 100. C. M. Nluffer, Springfield, Ohio.

Begonias. Tuberous rooted, single (1¼-1½-inch bulbs), in separate colors, 20c per doz.; $1.10 per 100; $10.00 per 1,000. This exceptional offer is made to clear the stock.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Rex Begonias of assorted kinds, named; 2-in., $4.00 per 100.
Harry White, R. D. No. 6, Wabash, Ind.

Begonia Rex, best varieties, 2½ and 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

Begonia Pink Vernon, good stock, 4-in., $8.00 100. Hall Floral Co., Morris, Ill.

Begonias, assorted, 3-in., $3.00 100.
Williams & Sons Co., Batavia, Ill.

BERRIED PLANTS.

Jerusalem cherry, 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

BOUVARDIAS.

Bouvardias, white and pink, 2½-in., $3.00 100.
Williams & Sons Co., Batavia, Ill.

BULBS.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

We are large importers of Holland, French, Chinese and Japanese bulbs. Write for our bulb list. Bobbink & Atkins, Rutherford, N. J.

500 California calla bulbs, 1½ to 2½-in. in diam., $5.00 per 100. Cash, please. F. Blondeel, 722 No. 64th Ave., Oak Park, Ill.

Caladium esculentum, 4 to 6-in., $1.00 per 100.
R. Vincent, Jr., & Son, White Marsh, Md.

CACTI.

Cacti and Succulents. Specialist, Importer and Exporter. Frantz De Laet, Contich, Belgium.

CANNAS.

Cannas—Burbank, Austria, Bronze Beauty (red foliage), and Gigantea (giant variety), strong roots, $1.00 per 100. Chas. Henderson, Austria, Paul Marquant and Alphonse Bouvier, well-established plants in pots, $3.00 per 100. Fairview Floral Co., Beatty, Ohio.

Cannas. Mme. Crozy, Florence Vaughan, Italia, Austria, Chas. Henderson, Beaute Poitevine, Souv. de A. Crozy, Queen Charlotte, strong plants, 4-in. pots, $7.00 per 100. Cash with order. Grovedale Nurseries, A. Mallon, Jr., Mgr., D St., above Wyoming Ave., Phila., Pa.

Cannas, well started in 4-in. pots, at $6.00 per 100 of the following varieties: Alphonse Bouvier, J. D. Eisele, Allemania, Chicago, Compte Bouchard and Bassett's Red. H. N. Hoffman, Elmira, N. Y.

Cannas. Austria, Bouchard, Charlotte, Allemania, L. Vaughan, Crozy, Berat, Bismarck, Fl. Vaughan, Italia and Burbank, out of pots, $5.00 100. Mixed varieties, $4.00 100. Geo. L. Miller, Newark, O.

Cannas. Crozy, Robt. Christy, Fl. Vaughan, A. Bouvier, Burbank, C. Henderson, fine plants, 2 ft. high $2.50 per 100. S. M. Harbison, Danville, Ky.

Cannas. Souv. de Antoine Crozy, strong started plants, $3.00 100. Alsace, dormant, $1.00 100. Alfred H. Walker, Hollis, L. I., N. Y.

Good standard cannas, 4-in., $6.00 100. Mrs. Geo. Waldbauer, 1317 No. Mich. Ave., Saginaw, W. S., Mich.

Cannas, fine strong plants in 3 and 3½-in. pots, mixed varieties, $5.00 per 100. T. C. Breece, West Berlin, Ohio.

We still have left a few of the best cannas in 3 and 4-in. Geo. A. Kuhl, Pekin, Ill.

Cannas, in variety, 3-in., $5.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

CARNATIONS.

Rooted Cuttings. Estelle, $5.00; Lawson, $4.00; Marquis and Elm City, $2.00; Crocker and Lord, $1.00 per 100. Other varieties on application.
DANA R. HERRON, Olean, N. Y.

SPEAK QUICK—TO CLOSE.
5000 Carnations from flats, Scott and Crocker, $1.00 100, $8.00 1000. Last chance. Cash. Benj. Connell, West Grove, Pa.

Marquis and Mrs. Joost carnations, in field; 2,000 of each; extra fine. Joy & Son Co., Nashville, Tenn.

Send for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

Carnations. Send to us for prices on what you need.
Geo. Hancock & Son, Grand Haven, Mich.

For rooted carnation cuttings write to John Brod, 349 W. North Ave., Chicago.

CASSIAS.

CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

CENTAUREA.

Centaurea gymnocarpa, fine plants, $2.50 and $3.50 100. Greene & Underhill, Watertown, N. Y.

Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

CHRYSANTHEMUMS.

Chrysanthemums, the largest and finest stock in the country.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00
YELLOW.		
October Sunshine	2.00	2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whildin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00
PINK.		
Montmort	1.30	2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—Immense stock of COL. APPLETON rooted cuttings, $15.00 per 1000; 2½-in. pots, $20.00 per 1000. BONNAFFON rooted cuttings, $10.00 per 1000; 2½-in. pots, $18.00 per 1000. OCTOBER SUNSHINE rooted cuttings, $1.75 per 100; 2½-in. pots, 2.50 per 100. Fine stuff.
No order filled for less than $2.00, or less than 10 of a variety.
POEHLMANN BROS. CO., Morton Grove, Ill.

Chrysanthemums. Fine, strong plants from 2½-inch pots. Per 100:

T. Eaton	$4.00	George S. Kalb	$3.00
N. Pockett	8.00	Ivory	3.00
Lady Roberts	8.00	Mrs. J. Jones	3.00
Mrs. E. D. Smith	6.00	H. A. Parr	3.00
Golden Beauty	8.00	R. Halliday	4.00
Mrs. Chamberlain	8.00	Bonnaffon	3.00
Bergmann	3.00	Philadelphia	5.00
Willow Brook	3.00	Modesto	3.00
Merry Monarch	3.00	Nagoya	3.00
Polly Rose	3.00	Xeno	3.00
M. de Montmort	3.00	Childs	4.00
Glory of Pacific	3.00	Intensity	4.00
Lady Harriott	6.00	Maud Dean	4.00

Our selection of standard varieties, $20.00 per 1000; $12.00 per 500. Send for complete list.
H. WEBER & SONS, Oakland, Md.

Chrysanthemums.—W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Parks, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.
Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
R. F. Tesson, West Forest Park, St. Louis, Mo.

Rooted Eaton cuttings from young plants—the kind that will grow—$2.00 100, and we prepay charges if you send the cash. A postal brings hac your money if you are not satisfied.
Wm. Geenen, Kimberly, Wis.

Timothy Eaton,	Chadwick,
W. Bonnaffon,	Fl. Hayes,
Parks,	Pitcher,
Hobson,	Col. Appleton.

Rooted cuttings, $2.00 100; 2½-in. pots, $4.00 100.

N. Pockett,	Wanamaker,
H. J. Payne,	Bonnaffon,
Jerome Jones,	Perrin,
Maud Dean,	Lincoln,
Pink Ivory,	White Ivory
Shrimpton,	Newitt,
McArthur,	Rieman.
Harriott,	

Rooted cuttings, $1.50 100; 2½-in. pots, $3.00 100.

R. H. Pierson.	Robinson.
Glory of Pacific.	Polly Rose,

Rooted cuttings, $1.00 100; 2½-in. pots, $2.50 100.
Cash with order.
H. C. STEINHOFF, West Hoboken, N. J.

Chrysanthemums.	Standard varieties.
Bonaffon,	Minerva.
Cullingfordii.	Mrs. Jerome Jones.
Eureka.	Mrs. J. D. Whildin.
Modesto.	Murdock.
Mrs. J. J. Glessner.	Mrs. R. McArthur.
Mrs. H. Weeks.	Mrs. O. P. Bassett.
Niveus.	Rose Owen.
V. H. Hallock.	Prince of Wales, large-flowering, hardy white.
J. H. Woodford.	

2½-in. pots, 30c per doz., $2.00 per 100. 1000, our selection, of from 15 to 20 kinds, for $15.00.
Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.
R. VINCENT, JR. & SON, White Marsh, Md.

Chrysanthemums. Indiana, Mrs. O. P. Bassett, Eda Prass, Ivory, Simplicity (fine white), Monarch of Ostrich Plumes, Fisher's Torch, Glory of Pacific, Robinson, Dorothy Toler, Mrs. Jerome Jones, Xmas Eve, Queen, Mrs. Egan, Frank Hardy, Bonnaffon, Admiral Sampson and Mrs. J. Lewis Childs, fine strong plants ready for planting, 25c per doz., $2.00 per 100; extras added to help pay express.
Fairview Floral Co., Beatty, O.

2000 surplus 'mum plants. Timothy Eaton, 2½-in., 3c; 3-in., repotted, 5c. Major Bonnaffon, Golden Wedding, white and pink Glory of Pacific, Nellie Pocket, F. B. Hayes, etc., 2 and 2½-in., 3c; 3-in., fine, bushy, repotted, 4c. These are all in fine condition, low, bushy and clean and are good value for your money. Cash with order.
GUNNAR TEILMANN, Marion, Ind.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.
MRS. J. W. CROUCH, Chattanooga, Tenn.

2½-inch pots, Timothy Eaton, Col. D. Appleton, $4.00 per 100. The following at $2.50 per 100: 1000 Robinson, 1000 Maud Dean, 600 Bonnaffon, 500 Jones, 200 Chadwick, 200 Pennsylvania, 300 white Ivory, 300 pink Ivory. Edw. J. Taylor, Southport, Conn.

200 Yellow Queen, 25 Simpson, 50 Golden Plume, 25 Pres. Smith, 25 Merry Monarch, 25 Belle Point, 40 Hallock, and other good varieties, 500 in all, 2½ and 3-in. pots; the lot for $10.00, or $2.50 100. Geo. M. Brinkerhoff, Springfield, Ill.

Chrysanthemums, fine surplus stock from 2¼ and 3-in. pots, $2.50 per 100; rooted cuttings, $1.00 100; Molatsch, Poly Rose, Bonnaffon, Ivory, Leach, Simpson, Montmort, Yellow and White Monarch, and Jones. Emil Leuly, West Hoboken, N. J.

Chrysanthemums from 2½-in. pots. Major Bonnaffon, Ivory, Jerome Jones, Maud Dean, $2.50 per 100. Col. D. Appleton, Geo. W. Childs, Lady Anglesey, $3.00 per 100. Chadwick, Timothy Eaton, $5.00 per 100.
B. FRANK BARR, Lancaster, Pa.

Chrysanthemum rooted cuttings. Marion Henderson, Maude Dean, Mrs. Weeks, Pres. Smith, Willow Brook, Ivory, G. Kalb, Glory Pacific, $1.00 per 100. Out of 2¼ and 2½-in. pots, $2.00 per 100. Cash with order. Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Chrysanthemums, fine, strong plants from 2½-in. pots ready for planting. Pink and white Ivory, Weeks' Lager, Bergmann, Maud Dean, Glory of Pacific, Bonnaffon, and Polly Rose, $2.50 per 100, $20.00 per 1,000.
Chas. W. Thompson, Bayonne, N. J.

5,000 chrysanthemums, stocky 2-in., of the following varieties at 2c: Golden Wedding, Chadwick, Robinson, Yanoma, Silver Wedding, Lady Fitzwigram. Appleton, Eaton, 3c. Joy & Son Co., Nashville, Tenn.

10,000 mums in 2¼ and 2½-in. pots. Appleton, Orizaba, Oct. Sunshine, Intensity, Monrovia, Adele, Bonnaffon, Ivory, etc., $20.00 per 1000. Cash. H. D. Darlington, Flushing, L. I., N. Y.

CHRYSANTHEMUMS — Continued.

Chrysanthemums. Mrs. Robinson, Yellow Queen, Philadelphia and Major Bonnaffon from 2-½ and 3-in., $2.00 100. Cash with order. F. Bloodeel, 722 No. 64th Ave., Oak Park, Ill.

Chrysanthemums, E. G. Hill, Modesto, Maud Dean, Bonnaffon, Yanoma, Bigelow, Robinson, Bloodgood and Ivory, 2½-in., $2.00 100, $15.00 1,000. A. D. Montgomery, Hazelton, Pa.

Chrysanthemums. Timothy Eaton, from sand, $2.50 100; 2¼-in. pots, $3.75 100; Col. D. Appleton, 2¼-in. pots, $3.00 100. G. Hanson, 1021 So. Cameron St., Harrisburg, Pa.

Chrysanthemums. All good commercial varieties. R. C., $1.00 per 100; 2½-in., $2.50 per 100. Send for list. Krueger Bros., Toledo, O.

Col. Appleton chrysanthemums—800 3½-in., $4.00 100; 700 2½-in., $2.00 100. Cash. C. L. Howe, Dover, N. H.

Chrysanthemums. Leading varieties, 2½-in. pots, $2.00 per 100. Ready for bench. D. O. Pratt, Anoka, Minn.

Chrysanthemums, Col. Appleton and Jerome Jones, 2½-in., $3.00 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum White Bonnaffon, 3-in., strong, $4.00 100. C. Winterich, Defiance, Ohio.

CLEMATIS.

Clematis Jackmani, 4-in., $5.00 doz. Clematis paniculata, 4-in., $3.00 doz. Bobbink & Atkins, Rutherford, N. J.

COBEAS.

Cobea scandens, 4-in., $5.00 100. Strong, clean plants. La Roche, Collingdale, Pa.

COLEUS.

Coleus. 300 Verschaffeltii, 2½-in., good, stocky, $2.50 100; the 300 for $7.00. 400 rooted cuttings of same, 50c 100. Mixed varieties, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

Pink and yellow Verschaffeltii and Her Majesty, fine plants, $3.00 100. Ass't colors, our selection, $2.50 100. Greene & Underhill, Watertown, N. Y.

Coleus. G. Bedder, R. Verschaffeltii and Queen Victoria, 2½-in., $15.00 1000; rooted cuttings, $3.50 1000. C. A. Schaefer, York, Pa.

Coleus, G. Bedder, Verschaffeltii and 3 bright var., 2½-in., strong plants, $2.00 100. Cash with order. C. G. Papsch, Moorestown, N. J.

Coleus, elegant plants, ready for immediate effect; best bedding sorts, $1.50 per 100. Cash with order. Mrs. M. Cavanaugh, Ionia, N. Y.

500 coleus, 3 very best varieties, 2½-in., extra fine plants, $2.00 100 to close out. Geo. M. Brinkerhoff, Springfield, Ill.

Coleus, 20 standard varieties, 2-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Grand selection of coleus, 2¼-in. pots. Rooted cuttings. Cheap. J. T. Cherry, White Hall, Ill.

Coleus, strong, clean 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

Coleus, 3-in., $2.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

CUPHEA.

Cupheas, 2½-in., $2.50 100; 4-in., $5.00 100. Strong, clean plants. La Roche, Collingdale, Pa.

CYCAS.

Cycas revoluta, in assorted sizes from 3 to 12 lbs., 10c per lb. Special prices on large quantities. J. M. Thorburn & Co., 36 Cortlandt St., New York.

CYCLAMEN.

Cyclamen Giganteum. Extra strong July seedlings in separate colors.

	Per 100.
2½ inch pots	$ 4.00
3 inch pots	8.00
4 inch pots	12.00

LEHNIG & WINNEFELD, Hackensack, N. J.

Cyclamen giganteum, extra fine strain and plants; in separate colors, ready in July; 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen, 2½-in., stocky plants, $3.00 100. Converse Greenhouses, Webster, Mass.

DAHLIAS.

Dahlias. Gloire de Lyon, Empress of Austria, Mme. Lorton, Mme. Furtaldo Oblata, Keyne's White, etc. Collection of 200 varieties, each 25c. Ready July 1.
BEAULIEU, Woodhaven, N. Y.

Dahlias, fine plants. $6.00 and $10.00 100. Greene & Underhill, Watertown, N. Y.

Dahlia A. D. Livoni, fine bulbs, $2.00 per 100. R. B. Brown, Seabrook, N. H.

Dahlias, dry roots, $3.00 per 100.
Williams & Sons Co., Batavia, Ill.

DAISIES.

Burbank's Shasta daisy. Plants, 25c each, $2.50 doz., $15.00 100, $100.00 1,000; 25 at 100 rate, 500 at 1,000 rate. California Carnation Co., Loomis, Cal.

DRACÆNAS.

Dracæna indivisa from 2-in., clean, strong plants, $2.00 100. La Roche, Collingdale, Pa.

FERNS.

FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months. ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.
ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, N. J.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
John H. Ley, Good Hope, Washington, D. C.

Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000, Beard Bros., West Fort St., Detroit, Mich.

FERNS IN FLATS. Buy from the grower and save jobber's commission, $1.50 per flat of 110 clumps. Sunnyside Ferneries, Secaucus, N. J.

Fern Balls, good size, $25.00; extra, $30.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

Japan fern balls started, $5.00 doz., $40.00 100. Bobbink & Atkins, Rutherford, N. J.

FEVERFEW.

Feverfew, 3-in. strong, in bud and bloom, $3.00 100.
Williams & Sons Co., Batavia, Ill.

FUCHSIAS.

Fuchsias, 2½-in., $2.50 100; 4-in., $5.00 100. Strong, clean plants. La Roche, Collingdale, Pa.

GARDENIAS.

Gardenia florida flo. pl., first-class outdoor-grown plants several times transplanted, well-rooted and branched, free from scale. First size, 24 to 36 inches, splendidly branched, in bud, $20.00 per 100; 2nd size, 18 to 24 inches, branched and budded, $15.00 per 100; 3rd size, 12 to 18 inches, branched, $8.00 per 100. Rooted cuttings from 2½-in pots, $2.00 per 100. B. H. RITTER, Port Royal, S. C.

GAZANIAS.

Gazania splendens, 3-in., bud and flower, $5.00 per 100. E. & C. Woodman, Danvers, Mass.

GENISTA

Genista racemosis, 3-in., $3.00 100.
Williams & Sons Co., Batavia, Ill.

GERANIUMS.

Best recent introductions: Mme. Charotte, Jean Viand, Mme. Landry, Charron, 2-in., $3.00 100. Standard varieties: Nutt, Mara, Marvel, Mme. Buchner, La Favorite, Duc de Montmort, Theo. Thenlier, Castiers, Bruant, Pierre Le Brun, 2-in., $2.50 100. Strong frame-grown: Duc de Montmort, Jaulin, Marvel, Nutt, 4-in., $7.00 100. Mars and America, 3½-in., $5.00 100.
N. SMITH & SON, Adrian, Mich.

Geraniums. To close out balance of stock. All leading varieties from 4-in. pots, in bud and bloom, $4.00 per 100; $35.00 per 1000. Cash with order.
J. A. SANDERS & CO., 261 W. Fulteney St., Corning, N. Y.

Double scarlet, pink, salmon and white geraniums, strong plants in bloom, 4-in. pots, $6.00 100. Mrs. Geo. Waldbauer, 1317 No. Mich. Ave., Saginaw, W. S., Mich.

Geraniums. White Swan, Arbutus, Crystal Palace Gem, Balm Scented and Ivy, Chas. Turner, Peter Crozy, Galilee, La Rosine and Holly Wreath, fine plants, $2.00 per 100. Fairview Floral Co., Beatty, Ohio.

Geraniums S. A. Nutt, Dbl. Gen. Grant and Mme. Thibaut, fine strong plants, in bud and bloom, from 4-in. pots, $5.00 per 100. Cash or C. O. D. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Geraniums, fine plants, good varieties, $3.50 100. Rooted cuttings of all the standards and of many of the new ones. Send for list. Greene & Underhill, Watertown, N. Y.

Our geraniums that have been bedded in on the shelf are equal to 4 or 5-in. pot plants and we sell 'em at $3.75 100. We pack light. E. I. Rawlings, Quakertown, Pa.

Geraniums, strong plants, best bedders, mostly scarlet, $2.00 per 100. Cash with order. Mrs. M. Cavanaugh, Ionia, N. Y.

3,000 S. A. Nutt in 4-in. pots, in bloom and ready for planting, $5.00 per 100. J. Bennett, Bine Point, L. I., N. Y.

Geraniums. Assorted, single and double, in bud and flower, 3-in., $6.00 100. E. & C. Woodman, Danvers, Mass.

Geraniums in bloom, fine stocky, 4-in., $6.00 100; 3-in., $5.00 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

Geraniums, 20 leading sorts, 2¼-in., $2.00 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, mixed, to close out at $2.00 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

1,000 Mme. Salleroi geraniums, 3½-in., $4.00 100. Cash. C. L. Howe, Dover, N. H.

GLADIOLI.

Cut Galdioli Stalks, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.
ARTHUR COWEE, U. S. Representative and Grower of Groff's Hybrids. "Meadowvale Farm," Berlin, N. Y.

Gladioli bulbs, 50c per 100.
Williams & Sons Co., Batavia, Ill.

HARDY PLANTS.

Ampelopsis Veitchii, 1 year, No. 1, $3.00 per 100; $15.00 per 1000. No. 2, $1.50 per 100; $10.00 per 1000.

Yucca Filamentosa, 1 year. No. 1, $10.00 per 1000; No. 2, $6.00 per 1000.

Calycanthus Floridus, 1 year. No. 1, $2.00 per 100; $10.00 per 1000. No. 2, $1.00 per 100; $5.00 per 1000.

Azalea, Amoena and Viburnum Tomentosum, well rooted cuttings, $2.50 per 100; $20.00 per 1000.
SAMUEL C. MOON, Morrisville, Pa.

Norway Maples, 3 to 4 inches caliper, 14 to 15 ft. in height. We have a fine block of 2000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.
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We are offering advantageous contract prices for 1902-1903, upon roses, clematis, paeonies, flowering shrubs, ornamental trees.
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Box, evergreen; fine for borders, $2.50 100, $20.00 1000. Rudbeckia Golden Glow, $2.00 100.
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BOSKOOP. Catalogue free. HOLLAND.

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Heliotropes, 2½-in., $2.50 100; 4-in., $5.00 100. Strong clean plants. La Roche, Collingdale, Pa.

Heliotropes, in variety, 2½ and 3-in., $3.00 100. Cash. R. S. Brown & Son, Kansas City, Mo.

Heliotrope, 3-in., $4.00 per 100. Critchell's, Cincinnati, Ohio.

Heliotropes, 6 best sorts, $1.00 100, $6.00 1000.
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HIBISCUS.

Hibiscus in variety, 2 and 2½-in., $2.50; 4-in., $5.00 100. Cash. R. S. Brown & Son, Box 335, Kansas City, Mo.

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2000 Hydrangea Otaksa, in 2½-in. pots, 2½c. each. Also some in 5 and 6-in. pots, prices on application. P. Stier, 53d St. and Boulevard, Bayonne City, N. J.

Hydrangea Otaksa in tubs, fine plants for decorations, $3.00 each. Bobbink & Atkins, Rutherford, N. J.

Hydrangeas, pink and blue; strong, clean, 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

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English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

Ivy plants, 2½-in. pots, three feet long and over, 4 cents; under 3 feet, 3½ cents. Ed. Herrmann, North and Milton Avenues, Baltimore, Md.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
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Finest Lily of the Valley pips from cold storage, $13.00 per 1000. H. N. Bruns, 1409-1411 West Madison St., Chicago.

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Moonflowers, 3-in. pots, early-blooming sorts; well-staked, strong plants; vines 2 to 3 ft. long. $5.00 100. Cash. Critchell's, Cincinnati, O.

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Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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1,800 extra heavy myrtle plants from 2½-in. pots, $3.00 100, $25.00 1000; rooted cuttings from flats, $1.50 100. Chas. Schweigert, Niles Center, Ill.

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We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Matbewa, Utica, N. Y.

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Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.
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PAEONIES—September shipments.
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ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.
Wanted—500 small asparagus plumosus nanus in exchange for above.
W. J. HESSER, PLATTSMOUTH, NEB.

Phoenix reclinata in tubs, 5 ft., $7.50 ea.; 6 ft., $10.00 ea. Kentias Forsteriana and Belmoreana in all sizes. Bobbink & Atkins, Rutherford, N. J.

Phoenix, 4 and 5-in., $30.00 100. Kentias Forsteriana and Belmoreana, strong 3-in., $15.00 100. Pandanus utilis, 3-in., $15.00 100.
Williams & Sons Co., Batavia, Ill.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

PALMS. Fine young stock from 2½-in., all the leading sorts, $2.50 100, $20.00 1000.
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Pennisetums. Longistylum (white plumed) and ruppellianum (purple plumed), 2½-in. pots $2.50 100. N. Smith & Son, Adrian, Mich.

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Oriental Peppers, strong 3-in. pot plants, in fruit, $2.00 per 100; 50 at 100 rate. Haskell Ave. Floral Co., Dallas, Tex.

Japanese Peppers, 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

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Double fringed petunias, 10 varieties, strong 2½-in., in bloom and bud, $1.25 100, $10.00 1000; 500 at 1000 rate. Cash. Buckley Plant Co., Springfield, Ill.

Petunias. Dreer's and Henderson's best double fringed; 2½ and 3-in., $2.00. Very cheap to close out. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias, double and single, fringed, 2½-in., $2.00 per 100. Cash.
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Petunias. Single, in bud and flower, 2-½-in., $3.00 100. E. & C. Woodman, Danvers, Mass.

Petunias, in bloom, $2.50 and $3.00 100. Greene & Underhill, Watertown, N. Y.

ROSES.

SURPLUS ROSES.

		100.
400 American Beauty,	3½-inch	$8.00
100 La France,	3½-inch	6.00
200 White La France,	3½-inch	6.00
200 American Beauty,	2½-inch	5.00
300 La France,	2½-inch	3.00
200 White La France,	2½-inch	3.00
500 Golden Gate,	2½-inch	3.00
400 Perle,	2½-inch	3.00
100 Bride,	2½-inch	3.00

The following from 2½-inch pots at $2.50 per 100:

Mme. Jos. Schwartz,	Empress of China,
Suzanne Blanchet,	Henry M. Stanley,
Mlle. F. Krueger,	Etoile de Lyon,
Hermosa,	Marie Guillot,
Niphetos,	Jean Pernet,
Mme. Etienne,	Pearl Rivers,
Clothilde Soupert,	Pink Soupert,
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Roses for winter flowering. Fine, healthy stock from select cuttings.

Wootton,	Bon Selene,
Safrano,	Papa Gontier,
Maid,	Mme. Hoste,
Golden Gate,	Kaiserin,
Bride,	

3-in., $7.00. 4-in. $10.00 per 100.
Sunrise and Liberty, 3-in., $9.00, 4-in., $12.00 per 100.
GRAFTED ROSES. Kaiserin and Golden Gate, 3½-in., $15.00 per 100.
J. L. DILLON, Bloomsburg, Pa.

		100.	1000.
American Beauties,	3-in.	$8.00	$75.00
Brides,	3-in.	4.00	35.00
Perles,	3-in.	4.00	35.00
Golden Gates,	3-in.	4.00	35.00
Perles,	2½-in.	2.50	20.00
Golden Gates	2½-in.	2.50	20.00

All plants sold under express conditions that if not satisfactory when received they are to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Well-grown rose stock in perfect condition to plant:

		100	1000
American Beauties	3 inch	$8.00	$75.00
American Beauties	2½ "	6.00	50.00
Perles	2 by 3	4.00	
Meteors	3 "	4.00	40.00
Golden Gates, extra fine	3 "	5.00	45.00
Brides	3 "	5.00	45.00
Brides	2½ "	3.00	25.00

W. H. GULLETT & SONS, Lincoln, Ill.

ROSE PLANTS from 2½ and 3-inch pots.

	100	1000
American Beauties, 2½-in.	$6.00	$50.00
American Beauties, 3-in.	8.00	75.00
Meteors, 2½-in.	2.50	20.00
Meteors, 3-in.	4.00	35.00
Perles, 2½-in.	3.00	25.00
Brides, 2½-in	3.00	25.00
Bridesmaids, 2½-in.	3.00	25.00
Golden Gates, 2½-in.	3.00	25.00

GEO. REINBERG, 51 Wabash Ave., Chicago.

ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	Per 1000	3-in. Per 1000
Maids	$3.00	$25.00	$40.00
Brides	3.00	25.00	40.00
Meteors	3.00	25.00	40.00

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SUNRISE has always taken a premium wherever shown; will be planted more generally than last season; 2¼-in. pots, $10.00 per 100; 3-in., $15.00 per 100.
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Strong, thrifty rose plants, from 3½-inch pots. Also Geraniums; 1000 Beauties, at 7c each; $65.00 per 1000; 100 Sunsets, 6c each; 800 G. Gates, 6c each; 300 Hoste, 6c each; 200 Maids, 6c each; 300 Meteors, 6c each; 2,000 geraniums, 6c assorted.
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Rose plants, cheap to close out. Nothing but good stock shipped.

	100.	1000.
American Beauties, 2-in.	$5.00	$40.00
Bridesmaids, 2-in.	2.50	20.00
Meteors, 2-in.	2.50	20.00

J. A. BUDLONG, 37-39 Randolph St., Chicago.

Strong, healthy rose plants. Per 100
300 American Beauties, 2½-in. pots.....$6.00
700 Brides, 2½-in. pots..... 2.50
200 Maids, 2½-in. pots..... 2.50
We guarantee satisfaction or money will be refunded.
JOSEPH LABO, Joliet, Ill.

Roses. No. 1 stock.	Each.
500 Brides, 4-in. pots	6c
500 Maids, 4-in. pots	6c
300 Brides, 3-in. pots	4c
500 Maids, 3-in. pots	4c

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ROSE PLANTS—SPLENDID STOCK.

Golden Gates 3-in.	$ 5.00 per 100
Maids, 3-in.	5.00 per 100
Brides, 3-in.	5.00 per 100
Beauties, 3-in.	10.00 per 100

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Kaiserin roses, strong plants from 2½-in. pots, $3.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

AMERICAN BEAUTIES, 2¼-in., $60.00 per 1000; 3-in., $10.00 per 100; 4-in., $15.00 per 100. Ready for immediate shipment.
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Am. Beauties, 3-in., best.....$6.00 per 100
Am. Beauties, 3-in., 2nds..... 5.00 per 100
Cash with order.
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We have 3000 fine METEOR rose plants in 3½-in. pots to spare at $60.00 per 1000; $7.00 per 100. Cash with order, please.
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Roses. Brides, Maids, Golden Gates, 2½-in., $2.50 per 100. Maids, 4-in., $5.00 per 100. 200 Beauties, 4-in., $8.00 per 100.
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ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
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5000 healthy Bride and Bridesmaid roses at $4.00 per 100; $35.00 per 1000. 500 at 1000 rate. Cash with order. W. T. Hillborn, Newtown, Pa.

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Maids and Brides, 2½-in., well-grown, $2.50 100, $22.50 1000; 3-in., extra fine, $4.00 100, $32.50 1000. Cash. C. Rayner, Anchorage, Ky.

2000 surplus Meteors, 3-in.; clean, strong and fine stock, $85.00 for the lot. Cash with order. L. B. Coddington, Murray Hill, N. J.

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Roses. Brides and Maids, 2¼-in., $2.50 100, $20.00 1000. Joseph Bradbury, South Orange, N. J.

Brides and Maids, 2½-in., $2.50 per 100; 4-in., $4.00 per 100. Marion Floral Co., Marion, Ind.

Roses, to close them out; Bride and Bridesmaid, 3-in., $30.00 per 1000; $3.50 per 100.
BEN. L. ELLIOTT, Cheswick, Pa.

2000 Fine Bridesmaids Roses, 3½ and 4-in. pots, $4.00 per 100. Cash with order.
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Bonfire, Splendens and Silver Spot, 3-in., $2.00 100. C. G. Papsch, Moorestown, N. J.

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Salvia in bloom, 2½ and 3-in, $3.00 100.
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Santolinas for border or ribbon bedding, 750 plants, 2½-in., $2.00 100. Cheap. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

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For varieties, colors, prices, etc., see displayed adv. in this issue, or write for our catalogue.
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SMILAX PLANTS. 1500 strong, bushy plants from 2½-in. pots, ready now, $2.50 per 100. Cash. H. P. Owen, Box 84, Toughkenamon, Pa.

Smilax, 2-in., strong, bushy plants, $1.00 100, $9.00 1,000. Cash, please. Mail sample, 10c. R. Kilbourn, Clinton, N. Y.

CUT SMILAX, 6 to 7 ft. long, very fine and clean, $15.00 100. Express prepaid. Cash. Chas. Pommert, Amelia, Ohio.

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Smilax, strong 2-in., $1.50 100, $12.00 1000; from flats, $1.00 100, $6.00 1000. A. G. Fehr, Belleville, Ill.

600 choice, 2½-in. smilax in fine shape, $2.00 100. Cash with order. Chapin Bros., Lincoln, Neb.

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SMILAX, cut strings, good, $12.00 per 100.
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Smilax, 2-in., strong, $1.50 100.
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Smilax, 2-in., $1.00 100.
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Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Stevia Serrata, 2¼-in., very strong, need shifting immediately. $2.50 per 100. Dean Ferris, Peekskill, N. Y.

Stevia, rooted cuttings from sand bed, 60c 100; 5c extra if by mail. Joseph Bradbury, South Orange, N. J.

25,000 Stevia rooted cuttings and 2½-in. pots. Poehlmann Bros. Co., Morton Grove, Ill.

Stevias, strong, clean, 2½-in., $2.50 per 100.
La Roche, Collingdale, Pa.

SWAINSONA.

Swainsona, alba and rosea, 2-in., $2.50 100. Cash. Geo. L. Miller, Newark, O.

Swainsona, clean, strong 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

UMBRELLA PLANTS.

Cyperus alternifolius, strong 4-in. stock, ready to divide, $6.00 per 100. Grovedale Nurseries, H. Mallon, Jr., Mgr., D St., above Wyoming Ave., Phila., Pa.

Umbrella plants, 2-in., $2.00 100. Cash. Geo. L. Miller, Newark, O.

Umbrella plants, fine 2½-in., $2.00 per 100.
E. G. Bunyar, Independence, Mo.

VEGETABLE PLANTS.

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field-grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.
TOMATO—Stone, Royal Red, Perfection, Paragon, Favorite, Dwarf Champion and other varieties, 15c per 100; $1.00 per 1000.
EGG—New York Improved, 25c per 100; $2.00 per 1000.
PEPPER—Ruby King, Bull Nose, Sweet Mountain and other varieties, 25c per 100; $2.00 per 1000; $15.00 per 10,000.
CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grand, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.
If by mail add 10c per 100. Cash with order.
R. VINCENT, JR. & SON, White Marsh, Md.

Cabbage—Danish Ballhead, from our own imported seed, $1.25 per 1000. Celery—White Plume and Celeriac transplanted, very strong, $2.00 per 1000. Tomato—Acme and Livingston, twice transplanted, $1.00 per 100. Pepper—Ruby King and Sweet Mountain, twice transplanted, $1.00 per 100. Cash. Ludwig Mosbaek, 85th St., near South Chicago Ave., Chicago.

Tomato plants—Beauty, D. Champion and Lorillard, 15c 100; $1.25 1000. Peppers—Bull Nose and Ruby King, 20c 100. 10,000 fine large E. J. W. cabbage plants, $1.00 1000; $7.50 for the lot. Cash. Mrs. Griswold, Worthington, O.

White Plume celery, strong transplanted plants, 25c 100, $2.00 1,000; other standard varieties ready July 10. Cash, please. Sample by mail 10c. R. Kilbourn, Clinton, N. Y.

Pepper plants—Ruby King and Golden Dawn, $2.00 1000, 25c 100; transplanted, $3.00 1000, 35c 100. Cabbage plants—Surehead, A No. 1 plants, $1.00 1000, 15c 100. Jas. E. McCracken, Bellefontaine, Ohio.

100,000 first-class cabbage plants from field. Wakefield, Charleston, All Head, Winningstadt, Succession, Sure Head, Holland, Flat Dutch, $1.00 per 1000. Chase & Son, New London, Ohio.

Late cabbage plants, 4 varieties, from seed bed, 15c 100, $1.00 1000. Celery plants—Giant Pascal and White Plume, 15c 100, $1.00 1000. S. J. McMichael, 142 Larkins St., Findlay, O.

200,000 fine celery plants, $2.00 per 1000. Giant Pascal, White Plume, Golden Heart, etc. Cash. W. T. Hillborn, Newtown, Pa.

50,000 cabbage plants—Late Flat Dutch—strong and stocky, $1.00 per 1000. A. B. Campbell, Cochranville, Pa.

Cabbage plants—Good strong late plants, at $1.25 per 1000. Harry White, R. D. No. 6, Wabash, Ind.

CELERY PLANTS. Best varieties, cheap. Write G. Van Bochove & Bro., Kalamazoo, Mich.

VERBENAS.

Lemon verbenas, well-rooted cuttings from sand, 75c 100, prepaid; $5.00 1,000. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Mammoth verbenas, in bud and bloom, $2.50 and $3.50 100. Greene & Underhill, Watertown, N. Y.

Lemon verbenas (Aloysia), $1.50 100, $10.00 1000. Good & Reese Co., Springfield, O.

Verbenas, strong 2½-in., $2.50 per 100.
La Roche, Collingdale, Pa.

VINCAS.

Vinca var., 2¼-in. $2.50, 3-in. $4.00, 3½-in. $6.00 100. Very large, bushy and long, $10.00 100. Greene & Underhill, Watertown, N. Y.

Vinca, green; extra fine, long and strong; 4-in., $5.00 to close out balance. Geo. M. Brinkerhoff, Springfield, Ill.

1000 vincas, fine, 2-in. pots, $2.50 per 100. Cash. W. T. Hillborn, Newtown, Pa.

Vinca, trailing; 4-in., $10.00 100. Cash. Geo. L. Miller, Newark, O.

VINES.

Aristolochia sipho (Dutchman's pipe), 5-in., $5.00 doz. Wistaria chinensis, 7-in., $9.00 doz. Golden Honeysuckle, 7-in., $9.00 doz. Bobbink & Atkins, Rutherford, N. J.

Lophospermum, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

VIOLETS.

	100	1000
Imperial, 2¼-inch	$2.75	$25.00
Marie Louise, 2¼-inch	2.75	25.00
Farquhar, 2¼-inch	2.75	25.00
Swanley White, 2¼-inch	2.75	25.00
Campbell, 2¼-inch	2.50	22.50

Grand Rapids Violet Co., Grand Rapids, Mich.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
SWAN PETERSON FLORAL CO., Gibson City, Ill.

Marie Louise. Fine stock in 2½-in. pots, $25.00 per 1000. Also plants from soil, $10.00 per 1000. This stock is fine and ready for immediate shipment. J. Bennett, Blue Point, L. I., N. Y.

Improved Farquhar violet. Most prolific; largest, darkest grown, $2.00 per 100; $18.00 per 1000. Imperial, $2.00 per 100; $16.00 per 1000. All fine stock for cash.
H. KING, Tappan, N. Y.

5000 Marie Louise plants, well rooted, free from disease, $15.00 per 1000. Examine your stock before buying, and when doing so call on J. M. Lown, E. Market St., Rhinebeck, N. Y.

VIOLETS. Healthy, sand-rooted cuttings of Lady Campbell, 75c per 100, $5.00 per 1000. Ready now. Cash with order from unknown parties. CHAS. BLACK, Hightstown, N. J.

Marie Louise violets, strong plants, February struck, healthy and free from disease, $15.00 per 1,000. Cash with order. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Violets. Healthy, well-rooted cuttings of Marie Louise, clean stock, $1.00 100, $8.00 1,000. Cash with order or C. O. D. H. C. Fellows, Rhinebeck-on-Hudson, N. Y.

Marie Louise and Imperial violets, strong, healthy, transplanted stock, $1.50 per 100, $14.00 per 1000. Cash, please. Wm. S. Herzog, Morris Plains, N. J.

Marie Louise Violets. Extra good plants from cold house, equal to 2½ and 3-in. pot plants, sand cuttings, $3 per 100.
EMIL GLAUBER, Montclair, Colo.

Imperial violets, the best double violet grown. Strong plants from 2-in. pots, $3.00 per 100, $25.00 per 1000.
Central Michigan Nursery, Kalamazoo, Mich.

Princess of Wales and Russian violets, strong, healthy plants, $1.00 100; $8.00 1000. Marie L. Greene, Mobile, Ala.

Marie Louise violets, 2½-in., good stock, $2.75 100. Hull Floral Co., Morris, Ill.

Hardy Russian violet, $1.00 100, $6.00 1000.
Good & Reese Co., Springfield, O.

TO EXCHANGE.

To Exchange.—American Beauty plants, fine stock in 3 and 4-in., for ferns or anything I could use. W. H. Waite, Greystone, Yonkers, N. Y.

Are you looking for someone who is looking for a bargain? You'll find him—by advertising that bargain in the Review's classified advs.

WANTED.

Wanted—1000 Nephrolepis Bostoniensis, out of 2½-in. pots. Stock must be first-class and true to name. Send sample plant and quote lowest price. Wagner Park Conservatories, Sidney, Ohio.

Wanted—400 strong, dormant poinsettia roots. Give price. John L. Wyland, De Haven, Pa.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns, $1.00 per 1,000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

WE MAIL SAMPLES ON REQUEST.
PURE BONE MEAL for Greenhouses. The brand we are selling has no superior. It is pure bone, guaranteed free from acids, and is sold at as low rates as many inferior brands, which cannot be used with safety in greenhouse culture. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 1,000 lbs., $15.00; ton, $27.50.
PULVERIZED SHEEP MANURE.—The most effective of all fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have, we feel assured of their patronage. Price per sack of about 2 bushels, weighing 90 to 100 lbs., $1.50; 500 lbs., $5.00; ton, $15.00.
HORN SHAVINGS, 5 lbs., 40c; 10 lbs., 70c; 25 lbs., $1.00; 100 lbs., $3.50.
E. H. HUNT, 76 Wabash Ave., Chicago.

FLORISTS' BONE MEAL, a tried and tested brand, per sack (200 lbs.), $3.25; per ton, $28.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Bone meal, best for florists, 200 lb. bag, $3.50. A. M. Herr, Lancaster, Pa.

GALAX LEAVES.

GALAX LEAVES, green or bronze, $1.00 per 1,000; 75c per 1,000 in 5,000 to 10,000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GALAX LEAVES, green or bronze, 75c per 1000. Crowl Fern Co., Millington, Mass.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS ETC.

Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Steuzel Co., 30 Sudbury St., Boston, Mass.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

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HOSE.

Hunt's TYPHOON BRAND. The best Hose for greenhouse use. It stands the wear of dragging and pulling around bench posts. Price low for quality. Three-quarter inch, 7-ply black:

50-foot	$ 7.50
100-foot	14.00
200-foot	26.50
300-foot	39.00

Cut to 25 ft. lengths if wanted. Fitted with either coupler, Acme or plain.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Mineralized Standard; best Hose made; ¾-in.; 3-ply, 7¾c. Mineralized Rubber Co., 18 Cliff St., New York.

Good Hose. J. G. & A. Ealer, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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FRESH TOBACCO STEMS, per bale (250 lbs.), $1.50; per ton, $8.50.
CYCLONE ATOMIZER SPRAYER. You can't afford to be without one; tin, 50c; brass, 75c.
Write for our descriptive circular.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigation or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Rose lice, red spider and mildew on rose bushes prevented by SULPHO-TOBACCO SOAP. Write for our special offer to florists.
LARKIN SOAP CO., Buffalo, N. Y.

To kill all greenhouse pests use NICOTICIDE. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

PAINT AND PUTTY.

GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

BALTIMORE.

Trade Conditions.

The phases and conditions of weather are so closely connected with the operations carried on by those to whose interest this journal is devoted that naturally the subject comes foremost in any discussions of gardening operations and trade prospects. In this section we have had ample rains, and the crops out-doors show the effects; but the weather is again cool, almost phenomenally so.

Last week, numerous commencements and weddings notwithstanding, trade was only ordinarily fair for the season. Good stuff was in demand, and like the proverbial hen's teeth very scarce. To-day (June 23) good roses are sought for. Carnations are fast running out, though a few good ones arrive, our friends on the mountain tops contributing quite a liberal proportion of those so graded.

Sweet peas were injured by the dry weather, but are now coming in better shape. Cochet roses, pink and white, are abundant outside, making now longer stems, and dahlias and phlox are in evidence.

A Notable Decoration.

A wedding notable for the handsome and tasteful decorations supplied by Wm. J. Halliday took place Saturday at Mt. Washington, one of our residential suburbs, the bride being a daughter of General Thomas J. Shryock, late state treasurer, and Grand Master of the Grand Lodge of Masons of Maryland, and the groom Mr. J. M. Price.

The house is one such as rarely falls into the hands of the decorator, giving unusual opportunities for effective composition. On the exterior, columns the whole height of the structure support the pediment of the gable, and those were entwined with heavy garlands of green and white flowers. The house is a square one, built round a central hall open to the roof and nearly 40 feet high, with a gallery around the second floor. The front doors were closed, access to the hall, where the ceremony was held being through the side rooms opening on to spacious verandas, and a temporary altar decked with a profusion of white flowers was raised at the usual entrance and facing a generous stairway, down which came the wedding party. In the center hanging clear from the roof was a marriage bell made of white peonies and asparagus, whilst the balustrades of the gallery and of the steps were profusely covered with Harrisii lilies, Bride roses and smilax, palms of noble stature and graceful ferns being disposed to give effect to the scene.

The bride's bouquet was of valley, white orchids and maidenhair ferns; the bridesmaids carried large bunches of adiantums, and the flower girl a basket of valley and ferns. About 600 guests were present, many of whom were enthusiastic in admiration of the floral embellishments. R.

Our Stock Will Please Your Customers.

WE HAVE A FINE AND LARGE STOCK OF

KENTIAS, LATANIAS, ARAUCARIAS, ASPIDISTRAS, FERNS, BAY TREES and Miscellaneous **Decorative Stock.**

COOL GROWN AND IN EXCELLENT CONDITION.

CATALOGUE ON APPLICATION.

C. C. POLLWORTH CO., Milwaukee, Wis.

Meotion The Review wheo yon write.

DENVER, COLO.

On June 14 Bernhard Boldt severed his connection with the Park Floral Co. to accept a similar positien at the Mud Lake greenhouses of Daniels & Fisher at Harris station, the inducement being a very substantial increase in salary. Ben (as he is generally called) came to the Park Floral Co. from Rebstock's place in Buffalo two years age, and he has shown himself a good grower and a good fellow.

The employes of the concern gathered in the potting shed on Ben's last night and were served refreshments by the company. John Berry then presented Ben with a handsome Odd Fellow's badge on behalf of the employes, and in a neat little speech expressed the sorrow that all felt at parting. Ben was much surprised, but managed to express his thanks and appreciation in words that were none the less heartfelt for being so few. Every one present was then astonished when Mr. Valentine stepped forward and expressed his appreciation of the good and faithful service that had been rendered to him by Boldt and his regret at losing him. He finished by handing Ben a handsome geld watch, suitably inscribed. This was the last straw, and Ben's were not the only eyes that filled with tears. The occasion was one that will long be remembered by these present. A considerate fereman, loyal workman and an appreciative employer make a combination all too rare. PARK.

FLATBUSH, N. Y.

Thursday, June 26th, is Papa Zeller's 75th birthday and the Bowling Club will make it a gala night, with prizes, a banquet, toasts and other appropriate celebrations. Mr. Zeller has been a little under the weather but hopes to start the balls rolling again on his anniversary.

Last Thursday the club had a good attendance and the evening was most enjeyable. These Flatbush boys always make visitors feel at home. Following are the scores:

W. Siebrecht	135	166	132	140
C. Wocker	89	140	148	114
A. Zeller	...	...	153	176
P. Dailledouze	118	127	100	109
P. Reiley	...	145	135	146
J. A. Shaw	129	100	102	126
H. Dailledouze	146	133	129	125
D. Y. Mellis	...	122	158	...
J. Raynor	...	162	101	159
E. Dailledouze	...	...	130	147

AUSTIN.

THE DEATH of William Bull, the noted English nurseryman and florist, is announced.

VINCA VAR.

You know what OUR VINCAS are. If you haven't tried them, do so now and be with the majority.

2¼-inch, $2.50; 3-inch, $4.00; 3½-inch, $6.00 per 100
Very large, bushy and long.....$10.00 per 100

DAHLIAS.

Fine Plants.....$6.00 and $10.00 per 100

COLEUS.

Verschaffeltii, yellow: **Var Yellow, Pink Verschaffeltii, Her Ma esty**, fine plants, $3.00 per 100. Assurted colors, our selection, $2.50 per 100.

GERANIUMS.

Fine Plants.

Ivy Assorted, Mars, Rev. Atkinson, S. A. Nutt, E. G. Hill, Wunder, La Favorite, Eliza, Mme. Salleroi.

Our selection of the above, $2.50 per 100. Your selection, $3.50 per 100. All nice stocky plants. Mrs. Parker, Dryden, L'Elegant, in bud and bloom, fine stock, $5.00 per 100. Mars, 4-inch, extra large, $8.00 per 100.

Send for List.—Can give you Rooted Cuttings of all the standard varieties and many new ones.

VERBENAS.

Excellent Stock, in Bud and Bloom.
Mammoth..... ..... $2.50 and $3.50 per 100

CENTAUREA GYM.

Fine Plants.....$2.50 and $3.50 per 100

SINGLE PETUNIAS.

Large stock, in bloom...$2.50 and $3.50 per 100

Miscellaneous Plants.

Alyssum Plants	$2.50	per 100
Ageratum " blue	2.00	"
" " P. P	3.00	"
Alternanthera Plants, yellow	2.00	"
German Ivy Plants	2.50	"
Heliotrope Plants	3.00, $6.00 10.00	per 100
Lobelia Plants	2.50	"
Lemon Verbena Plants	3.00	"
Marguerites, white, large	6.00	"
Salvia	2.50	"
Pyretheum Plants....$4.00 and	6.00	"
" " golden... 3.00 "	6.00	"
Cuphea	2.00	"
Nasturtiums	2.00	"

Send for our complete List of Seasonable Stock.

5 per cent discount when order is accompanied by Cash. Terms CASH OR C. O. D.

GREENE & UNDERHILL,

WATERTOWN, N. Y.

Mention The Review when you write.

CHAS. D. BALL,

GROWER OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

WE control the American market (**and don't forget it**) in Araucaria Excelsa. Three large consignments of this favorite pot plant arrived early in May. Our houses are now full of them. Notice the following low prices:

ARAUCARIA EXCELSA,

5-inch pots,	3 tiers,	10 inches high	50c
5½ "	3 "	10 to 12 inches high	60c to 75c
6 "	4 "	15 to 18 "	75c to $1.00

Kentia Forsteriana, 25 to 28 inches high, 5½-in. pots, 5 leaves, 75c. **Kentia Belmoreana**, 20 inches high, 5½-inch pots, 5 leaves, 75c. All good, healthy stock. **Ficus Elastica** later. **Begonias**, tuberous rooted, fine color, 5-inch pots, $1.80 per doz. Mention if pots are wanted. Cash with order please.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 ONTARIO ST., PHILADELPHIA, PA.

Mention The Review when you write.

SURPLUS STOCK.

	Per 100
Geraniums, 3½ and 4-inch, bud and bloom	$5.00
Centaurea, 2½-inch	1.50
Alternanthera, red and yellow	1.25
Lobelia, trailing blue, 2½-inch	1.00
Coleus, mixed, 2½-inch	1.50
Begonias, assorted, 3-inch	3.00
Dahlias, dry roots	3.00
Gladiulus Bulbs	.50
Bouvardias, white and pink, 2½-inch	3.00
Smilax, 2½-inch strong	1.50
Phoenix Palms, 4 and 5-inch	30.00
Kentias, Fors. and Belm., strong, 3-inch	15.00
Pandanus Utilis, 3-inch	15.00
Feverfew, 3-inch, strong, bud and bloom	3.00
Genista Racemosus, 3-inch	3.00

WILLIAMS & SONS CO.,

BATAVIA, ILL.

Mention The Review when you write.

ASPARAGUS !

	Per 100
Sprengeri, 2-in. pots, ready	$2.00
Plumosus, 2-in. pots, ready June 15	3.50
Smilax, 2-in. pots, ready June 15	1.50
Primroses — Obconica, Chinese and Forbesii, ready July 1	2.00
Geraniums, mixed, to close out	2.00

CASH OR C. O. D.

JOS. H. CUNNINGHAM,

DELAWARE, OHIO.

Mention The Review when you write.

A Few Money Makers.

	100	1000
Asparagus Plumosus 2½-in., strong	$5.00	$45.00
" 4-in	8.00	
" Sprengeri, heavy stock, 2½-in	4.00	
Smilax, strong, 2-in	1.50	12.00
" from flats	1.00	6.00

ALFRED G. FEHR, Belleville, Ill.

Mention The Review when you write.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

B. & A. SPECIALTIES

BAY TREES AND BOXWOOD,

Standards and Pyramids.

Rubber Plants, large-leafed, red-ribbed variety.
1st size .....$20.00 per 100 ; $175.00 per 1000
2nd " ..... 15.00 " 135.00 "

JAPAN FERN BALLS,

Started .....$5.00 per 12 ; $40.00 per 100
Clematis Jackmani, 4-in- pots.....$5.00 per 12
" Paniculata, 4-in. " ..... 3.00 "
Ampelopsis Quinquefolia, 5-in. pots, extra strong.. 5.00 "
Aristolochia Sipho, (Dutchman's Pipe) 5-in. pots .... 5.00 "
Wistaria Chinensis, 7-in. pots..... 9.00 "
Golden Honeysuckle, 7-in. pots..... 9.00 "
English Ivy, bushy specimens, 6 ft .....$ 1.50 each
4½-in. pots.....$2.50 per 12 ; $15.00 per 100
3-in. pots..... 1.50 " 10.00 "

HYDRANGEA OTAKSA,

In tubs, fine plants for decorations.....$3.00 each
Phoenix Reclinata, in tubs...5 ft., $7.50; 6 ft., $10.00 each
Araucaria Excelsa Glauca, 5-in. pots, 3 tiers..$ 9.00 per 12
" " " 7-in. " 4 " ... 24.00 "
" " 7-in. pots, 5 tiers ..... 24.00 "

Kentia Belmoreana and Forsteriana.

All sizes. Ask for prices.

WE ARE LARGE IMPORTERS OF

Holland, French, Chinese and Japanese Bulbs

ASK FOR TRADE BULB LIST.

DON'T FAIL TO PLACE YOUR ORDERS FOR AZALEAS NOW, IMPORT OR F. O. B. NEW YORK CITY.....

BOBBINK & ATKINS, = Rutherford, N. J.

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Rose Plants!

Well-established plants

	Per 100	Per 1000
Am. Beauty, 3-in. pot plants....	$8.00	$75.00
Bride, 3-in. pot plants.....	4.00	35.00
Perle, 3-in. " "	4.00	35.00
Golden Gate, 3-in. pot plants....	4.00	35.00
Perle, 2½-in. pot plant.....	2.50	20.00
Golden Gate, 2½-in. pot plant...	2.50	20.00

All Plants sold under express condition that if not satisfactory when received they are to be returned immediately, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

ROSE... PLANTS

Cheap to close out. Nothing but good stock sent out.

American Beauties, 2-in. $ 5.00 per 100, 40.00 per 1000
Bridesmaids, 2-in. ..... 2.50 per 100, 20.00 per 1000
Meteors, 2-in..... 2.50 per 100, 20.00 per 1000

J. A. BUDLONG,
37-39 Randolph St. CHICAGO.

REMEMBER your employes have birthdays. Also remember that there is nothing else so mutually profitable for you to give them as a copy of the Florists' Manual, by Wm. Scott. The price is $5.00 a copy delivered.

Roses for Winter Blooming.

Fine healthy stock from selected cuttings.

BRIDES, MAIDS, KAISERIN, WOOTTON, BON SILENE, MME. HOSTE, SAFRANO, PAPA GONTIER, GOLDEN GATES,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

Sunrise, Liberty, 3-inch pots, $9.00 per 100. 4-inch pots, 12.00 "

Grafted Roses -- Kaiserin, Golden Gates,
3½-inch pots, $15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

ROSES

from 2½-inch pots.
PERLES, $3.50 per 100.
BRIDES, 3.00 "

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write

Extra Value in Roses

Elegant well-grown stock, in the most perfect condition to plant.

	Per 100	1000
Am. Beauties, 3-inch.....	$8.00	$75.00
" 2½-inch...	6.00	50.00
Perles, 2 by 3-inch	4.00	
Meteors, 3-inch	4.00	40.00
Golden Gate, 3-inch, extra fine.....	5.00	45.00
Brides, 3-inch	5.00	45.00
" 2¼-inch	3.00	25.00

These Plants will satisfy the most critical trade.

W. H. GULLETT & SONS, LINCOLN, ILL.

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BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100: **$45.00** per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

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AMERICAN ART INDUSTRIES.

Under the above heading the New York Tribune is printing a series of interesting descriptive artieles, and the third one, whieh appeared June 14, is devoted to horticultural architeeture. It contains a very interesting description of the work done by the Lord & Burnham Co., Irvington-on-Hudson, N. Y., together with an illustration showing some conservatories ereeted by the company at Bethayres, Pa.

Our readers are thoroughly familiar with the large bnsiness done by the company in the designing and erecting of conservatories and greenhouses and in the mannfacturing of heating and ventilating apparatus, but the following extract from the historical sketeh of the firm will no doubt be of general interest:

The Lord & Burnham Company was founded by a man of versatile genius, Frederick A. Lord, a Boston boy who was educated as a mechanic, and who rose early in life to a position at the head of the old Eaton Mills, in Buffalo. Mr. Lord, who was full of artistic tastes, then lived in Delaware Ave., one of the most beautiful streets in any American city, and occupied his leisure in horticulture, and soon acquired such a reputation in this avocation that he became a consulting authority for the entire region. He coveted and finally built a vinery for his own establishment, and as a result found himself engaged in building greenhouses, at first as an amateur, but as early as 1856 as a business. Working alone for sixteen years, Mr. Lord erected greenhouses all about the country, recognized everywhere as an artist in the truest sense; but he had not been at work a year before he began to recreate his product. He was not satisfied to build glass houses which, when sheltered and warmed, would grow plants. He had a practical genius for invention, which transformed everything it touched. He furnished the Chickerings with the first scroll music holder for the piano. He got up the first machine for "rope moulding." Always thinking out toward the beauty that arises from supreme fitness, he soon evolved a series of architectural improvements in greenhouse building which are largely in use to-day. The elliptical roof was invented by Mr. Lord early in his career, but it still furnishes the principle upon which the best modern greenhouses are built.

The business of greenhouse construction, however, cannot be said to have reached its present development under Mr. Lord. It waited the advent of Mr. W. Addison Burnham, who, having married the daughter of Mr. Lord, entered the concern in 1872. To the administration of the building department Mr. Burnham brought a business man's trained grasp of detail, and as an outcome, Lord & Burnham began to manufacture the constituent parts of their greenhouses in quantity. These being always in stock, it remained for the architectural department to design and plan with the detail of the stock in mind. This resulted in a great saving of time and expense to the purchaser, and a very great economy of labor to the builders. Customers who had heretofore been obliged to wait months for the manufacture of each component of their houses, could, under this system, be supplied expeditiously and with a much more perfect building. With the manufactory began a steady perfecting of the details of greenhouse work. The introduction of the iron frame by the Lord & Burnham Company followed in 1881. This announces the modern American greenhouse, and its appearance gave a tremendous impetus to the business. It was quickly adopted by other builders, but the latter made a mistake carefully avoided by the more experienced inventors. Discarding the use of wood altogether, the imitators undertook to build solely of iron, which resulted in a condition impossible to plant life. Either the house was cold or, if heated, required a temperature uncontrollable and excessive. The method of the Lord & Burnham Company has always been to cover the iron with wood, the non-conductor, which by protecting the iron, prevents contraction and expansion, and consequent breakage of glass. It may be added that cypress is the wood most used by the company in its greenhouse work, a material almost as indestructible as iron itself.

New London, O.—On June 12th a hail storm swept through this little city, but fortunately Chase & Son, the florists, suffered damage to their houses amounting to only about $25. They are very thankful that they escaped so easily. Six years ago they lost $1,000 in five minutes time from hail.

Middletown, Pa.—Mr. Linus Fenical, the Main street florist, will soon add some new glass to his establishment.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.30	3.60	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	
" " strong	8	26 to 30	7 to 10	1.50	18.00	
Asparagus Sprengerl	2				.50	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Plu. Nanus	2				.50	4.00
" "	3				1.00	8.00
Arancaria Excelsa	4			.50	6.00	
Pandanus Veitchii	5			1.00	12.00	
" "	6			1.50	18.00	
" "	7			2.50	30.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Nephrolepsis Bostoniensis	2				.50	4.00
" "	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	
" "	8				12.00	
" "	9				18.00	
" "	10				24.00	

Assorted Ferns, for fern dishes, 2-inch pots 3.00
Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

Mention The Review when you write.

GERANIUMS!

Twenty leading sorts, from 2¼-inch pots, $2.00 per 100.
Caladium Esculentum, 4 to 6-in., $1.00.
Achyranthes Emersonii, 2-in. pots, $2 per 100; rooted cuttings, 75c per 100.
Alternanthera, from 2-in. pots, $2.00 per 100.
Coleus, 20 standard varieties, 2-in. pots, $2.00.
Cannas, in varieties, 3-in. pots, $5.00 per 100.
Chrysanthemums, pompons, best collection known, 2¼-in. pots, $2 00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.

CHRYSANTHEMUMS.

Standard Varieties.

Bonnaffon, Cullingfordii, Eureka, J. H. Woodford, Minerva, Mrs. Jerome Jones, Mrs. J. D. Whilldin, Modesto, Mrs. S. T. Murdock, Mrs. John J. Glessner, Mrs. R. McArthur, Mrs. H. Weeks, Mrs. O. P. Bassett, Niveus, Rose Owen, V. H. Hallock, Prince of Wales, large-flowering, hardy white.

2½-in. pots, 30c per doz.; $2.00 per 100.

SPECIAL PRICE on CHRYSANTHEMUMS:
1,000 our selection of from 10 to 20 kinds, for $15.00
Write for prices on large lots.
CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.
Mention The Review when you write.

Cannas. Bouvier, Star of '91, Crozy, Florence Vaughan, Austria, etc., etc., mixed, from 4-inch pots, $6.00 per 100.
Coleus, J. Goode, Verschaffeltii, Beckwith Gem, etc., 2¼-inch, at $3.00 per 100; $25 00 per 1000.
Centaurea, 3-inch, at $3 00 per 100.
Salleroi, 3-inch, at $3.00 per 100.
Petunias, 4-inch, dble. and single, $7.00 per 10)

CRABB & HUNTER, Grand Rapids, Mich.

Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L. I.
Mention The Review when you write.

ALL THE BEST CARNATIONS

Orders Booked Now for Fall Delivery.
SEND FOR PRICES.
Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.
Mention The Review when you write.

100,000 Smilax

Fine plants from 2¼-inch pots, ready for planting, $1.25 per 100; $10.00 per 1000; $45.00 per 5000.

DOUBLE FRINGED Petunias.

Our superb collection of 10 varieties, strong 2½-inch plants, in bud and bloom, $1.25 per 100; $10.00 per 1000. 500 at 1000 rate. Cash.

The W. T. Buckley Plant Co.,
SPRINGFIELD, ILL.
Mention The Review when you write.

PANSY

NEW GIANT--Mme. Perret

The Prize Strain, exhibited at the Pan-American Exposition. true stock, 50c per trade packet; $5.00 per ounce.

Our Choicest Mixture of the best strains procurable, 50c per trade packet; $1.25 per ⅛ ounce; $2.00 per ¼ ounce.

WALTER MOTT SEED & BULB CO.,
JAMESTOWN, N. Y.
Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Watch this Space for Future Bargains.

JOHN BROD,
349 W. North Ave., CHICAGO, ILL.
GREENHOUSES, NILES CENTER, ILL.
Mentioo The Review when you write.

Always mention the Florists' Review when writing advertisers.

H. H. BERGER & CO.'S PRICE LIST

FOR JULY TO SEPTEMBER DELIVERIES.

Terms:—60 days net on approved references, unless otherwise agreed. 3 per cent. cash discount if paid in 30 days. 5 per cent. discount on all orders accompanied by cash. **Liberal discount on larger orders. Prices subject to crop conditions.**

JULY DELIVERIES.

	12	100	1000
L. HARRISII, Bermuda grown, secured from best and healthiest stock obtainable.			
5x7 -in. circ	$0.75	$5.00	$ 45.00
7x9 -in. circ. (scarce)	1.50	11.00	105.00
9x11-in. circ. (very scarce)	2 50	22.00	.....
OXALIS, Bermuda Buttercup, bright yellow, 1st size	.20	1.00	9.00
2nd size	.15	.85	7.00
FREESIA REFRACTA ALBA, our well-known stock, same as we have grown in California for 15 years. ¾x1½ in. diameter,	.10	.40	3.00
½x¾-in. diameter	.12	.60	4.50
Mammoth, ¾-in. up	.15	.85	7.00

AUGUST AND SEPTEMBER.

L. CANDIDUM Northern grown, thick petaled stock. Flowers of great substance. Forces fine. No disease. Mammoth bulbs	.75	5 00	45.00
1st size bulbs, 20-in. circ. up	.60	4.50	40.00
CALLA ETHIOPICA, from our California fields, sound, healthy roots with good center shoots:			
3x5-in. circ, fine blooming	.60	4.00	35.00
4x6-in. circ	.75	5.50	50.00
5x7-in. circ	1.00	7.50	70.00
Monster (scarce)	1.50	10.00	.....

FRENCH FORCING BULBS.

HYACINTHS, French Roman, white, 11x12 cm.	.25	2.00	18.00
" French Roman, white, 11x15 cm.	.30	2.25	21.50
" French Roman, white, 12x15 cm.	.35	2.50	23.00
" French Roman, white, 13x15 cm. (very scarce)	.40	3.00	27.50
" French Roman, single blue	.30	2.00	18.50
" French Roman, dbl. light rose	.40	2.25	20.00
" French Roman, dbl. dark rose	.40	2.25	20.00
" Red Skinned Italian, pure white, extra large bulbs	.40	.40	22.00
Price on white Roman is net.			
Allium Neapolitanum, fine forcer	.15	.50	4.00
NARCISSUS, Paper White, true grandifl., 13 cm. up	.15	1.00	8.00
" Trumpet Major, (French stock), extra early forcer	.20	1.00	9.00
" Grand Soleil d'Or, golden yellow	.25	1.50	14.00
" Double Roman for early cutting	.15	1.00	8.00

DUTCH FORCING BULBS.

HYACINTHS—

Dutch Roman or Miniature.

Most desirable to grow in pans for **Easter.** We furnish **extra size** 12x14 cm. in **best forcing** sorts **named,** equal proportion of colors | .30 | 2.00 | 18.00
In separate color **unnamed** | .25 | 1.75 | 16.00

Dutch Hyacinths, best forcing mixture. 15 cm. and up, pure white, blush white, rose and red, light blue, dark blue, yellow | .40 | 2.75 | 25.00

DUTCH HYACINTHS—First size named.

Single White. Alba superbissima, Blanchard, B. V. Thuyl, Grandeur a Merveille, La Franchise, La Grandesse, Mme. Van der Hoop, Paix de l'Europe.

Dbl. White. Bouquet Royal, La Tour d'Auvergne, La Virginite.

Single Rose and Red. B. Von Thuyl, Chas. Dickens, Gen. Pelissier, Gertrude, Gigantea, Lord Macaulay, Moreno, Norma, Robert Steiger, Prince of Orange.

DUTCH FORCING BULBS.

	12	100	1000
Dbl. Rose and Red. Bouquet Royal, Bouquet Tendre, Noble par Merite.			
Single Blue B. Van Thuyl, Chas. Dickens Grand Maitre, Czar Peter, King of Blues, La Peyrouse, Leonidas, Marie, Regulus, William I.			
Dbl. Blue. Blocksberg, Chas. Dickens, Garrick.			
Single Yellow. Hermann, Ida, La Citroniere.			
Dbl. Yellow, Goethe.			
We furnish above sorts in **extra select** exhibition bulbs, 1st size, 18 cm. up	$0.90	$6.50	.....
2d size, 17-18 cm	.75	5.00	.....

SINGLE NARCISSUS AND DAFFODILS.

Extra Fine Bulbs.

Horsfeldii, white petals, golden trumpet	.30	2.00	
Emperor, primrose petals, deep yellow trumpet	.40	2.50	
Golden Spur, very early, enormous flowers, rich golden trumpet	.30	2.00	
Henry Irving, large golden yellow	.50	2.75	
Incomparabilis, single yellow forcer	.15	.60	$4.75
" Cynosure, bright orange cup, early	.15	.65	5.00
" Stella, white, golden cup, fine forcer	.15	.65	5.00
Poeticus, Pheasant's Eye	.10	.45	3.50
" Ornatus, great forcer	.20	.80	7.00
Princeps, very best for forcing	.20	.75	6.00
Mixed Narcissus, single, fine sorts	.15	.75	6.00
" " single Trumpets, fine sorts	.20	1.00	7.00

DOUBLE NARCISSUS.

Alba plena odorata	.20	.65	5.00
Incomparabilis (Butter and Eggs) fine forcer	.15	.75	5.00
Orange Phoenix	.20	1.00	9.00

CHINESE NARCISSUS.

Sacred Lily.

Grown in China. Strictly same stock we have handled for the past **eighteen years,** when we first imported these bulbs to the **Pacific Coast.**

Mammoth size, basket of 30 bulbs, $1.50; mat of 4 baskets, 100, $5.00; 1000, $40.00.

1st size, basket of 30 bulbs, $1.25; mat of 4 baskets, 100, $4.75; 1000, $30.00.

TULIPS.

Extra Fine Bulbs.

Single—Those marked * are best for early forcing.

	12	100	1000
Artus, scarlet	$0.15	$0.85	$7.50
*Belle Alliance, finest scarlet forcer (scarce)	.25	1.25	11.50
Cardinal's Hat, dark red	.15	.80	7.00
*Chrysolora, pure yellow	.20	1.00	9.00
*Cottage Maid, rose and white	.15	1.00	8.00
*Couleur Cardinal, brilliant crimson	.30	2.00	18.00
*Duchesse de Parme, orange red	.10	.60	5.50
Jacht V. Delft, fine white	.10	.90	7.00
J. Van Vondel, cherry red and white	.15	1.00	8.00
*Keizerskroon, red and yellow, extra fine	.15	1.00	9.00
*La Reine, white, shaded rose	.10	.90	7.00
*l'Immaculee, white fine forcer	.10	.60	5.50
*Mon Tresor, earliest yellow	.30	2.00	17.00
Pottebakker, pure yellow	.30	2.00	18.00
" pure scarlet	.15	1.00	9.00
" pure white	.20	1.25	10.00
" yellow, red striped	.20	1.25	10 00
*Proserpine, most beautiful rose	.25	1 75	16.00
Rosamundi, pink	.10	.80	7.00
*Rose Gris de Lin, fine rose	.25	1.50	13.00
*Vermilion, brilliant, true, extra fine scarlet	.40	2 25	20.00

TULIPS.

	12	100	1000
Wouverman, violet	$0.15	$1 00	$9.00
*Yellow Prince, yellow, sweet scented	.15	1.0	9.00
Duc von Thol, early single scarlet (best forcer)	.15	1.00	8.00
" " early single rose (best forcer)	.25	1.50	13.00
" " early single white (best forcer)	.25	1.50	12.00
" " early single yellow (true)	.25	1.60	15.00
" " early single red and yellow	.15	.85	7.00
Single early Tulips, in very choicest mixture	.10	.75	6.00
Do., fine mixture	.10	.40	4.50

DOUBLE EARLY TULIPS.

*Couronne d'Or, finest yellow	.50	3.00	27.00
Duc von Thol, red and yellow	.15	.85	7.50
Duke of York, red edged white	.20	1.00	8.00
*Gloria Solis, red with yellow border	.20	1.00	8.00
*Imperator Rubrum, fine scarlet	.30	2.00	17.00
La Candeur, white, extra fine bedding	.20	1.00	8.00
Le Blason, blush pink	.25	1.50	12 00
*Murillo, most beautiful rose	.30	2.00	18.50
Purple Crown, very large	.15	.85	7.50
Rex Rubrorum, finest scarlet bedder	.20	1.25	10.00
Rose Blanche, fine white bedder	.15	.90	8.00
*Tournesol, red and yellow	.20	1.25	10.00
" " pure yellow (true)	.35	2.50	22.00
Double Tulips, very choicest mixture	.15	.85	7.00
" " fine quality mx'd	.15	.75	6.00

SINGLE LATE TULIPS.

Bizarres, yellow ground, finest sorts	.15	.90	8.00
Bybloemen, white ground, finest sorts, flecked violet, crimson or maroon	.15	.85	7.00
Bybloemen, rosy, flecked white	.15	.85	7.00
Darwin's superfine, mixed	.35	2.00	18.00
Parrots, choicest mixed	.15	.85	7.00
Gesneriana, scarlet, black center, true tall variety	.20	1.00	9.00
Single Tulips in separate colors, yellow, scarlet, white, rose, striped, violet	.20	1.00	8.50

CROCUS.

White, blue, purple, striped or yellow, in separate colors, extra fine bulbs		.30	2.00
Named sorts		.40	2.50
Extra mammoth yellow	.10	.50	4.00

JONQUILS.

Large single Campernelle	.10	.50	3.50
True variety Campernelle Rugolosus, best paying forcer	.15	.65	5.50

LILIES.

L. LONGIFLORUM, Japan grown. We will supply the same grade of this lily we first handled twenty years ago. Reliable in every instance. We offer sound, well-matured bulbs, no unripe stock.

	12	100	1000
6x8 ins. circ	$0.40	$2.25	$20.00
7x9 "	.50	3.50	32.00
9x10 "	.85	6.00	53.00
10x11 "	1.10	8.50	80.00

L. LONGIFLORUM MULTIFLORUM.—Forces considerably earlier; we supply the true variety, narrow-leaved.

	12	100	1000
6x8 ins. circ	$0.45	$2.75	$25.00
7x9 "	.60	4.00	35.00
9x10 "	1.00	7.00	60.00

L. LONGIFLORUM GIGANTEUM, black stem, same price as Longiflorum Multiflorum.

Lily of the Valley—November delivery.

Azalea Indica—October delivery.

Japan Bulbs—October delivery.

OUR OFFERS WILL APPEAR MONTHLY AS GOODS COME IN.

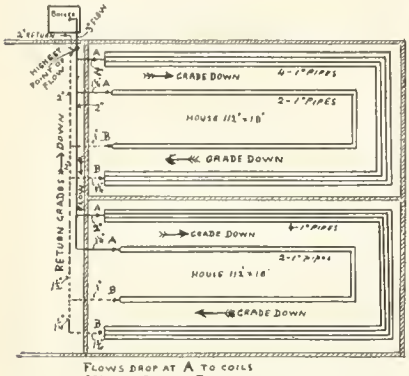
ADDRESS

H. H. BERGER & CO., (Established 1878.) **47 Barclay Street, New York City.**

PIPING.

In reply to the inquiry of J. D. S., assuming his houses are level, the method he proposes, of starting a circulation from the near end of each house, dropping into the return main at the far end, and have this return main extend through the house back to the rear end again, is practicable but not desirable; it would entail a trench the entire length of each house to accommodate the return main.

A more simple and effective plan is suggested by the accompanying plan; it



consists of the steam pipe or flow rising directly from the boiler to the highest point overhead, then grading downward in the potting shed along the end of the houses; from this main connections would be run through the partition and drop to each coil as indicated, the coils then grade all the way down around the house from A to B, then dropping into the main return connection. In this manner, by valving the several pipes, one or more circuits around the house can be opened.

The main steam connection from the boiler should be 3-inch and the return connection 2-inch, reducing at the necessary points as shown. Of course, with this plan, it will be necessary to step over the pipes to get out of the house at the far end, but a small platform at the door readily overcomes the slight inconvenience. Henry W. Gibbons.

New York.

FLUE FITTINGS.

Are there any fittings on the market to be used for connecting 2-inch and 2½-inch flues? B. Co.

In reply to the inquiry of B. Co., fittings for 2½-inch tubes or flues can be procured from any representative house manufacturing greenhouse heating fittings, but I know of no one making a line of fittings especially for 2-inch tubes and flues. In my practice I use for connecting 2-inch tubes 2½-inch wrought iron collars, caulking in the joints, and have some of these collars threaded on the outside at one end for insertion in the regular 2½-inch screwed steam fittings.

New York. Henry W. Gibbons.

Olean, N. Y.—D. R. Herron has glass and other material on the ground for a large addition to his greenhouse plant. The new houses will require 12,000 feet of glass and this addition will double the size of his plant.

I would no more be without the Review than I would be without a boiler.—H. G. Fishel, Corfu, N. Y.

Philadelphia Palms.

JOSEPH HEACOCK,

WYNCOTE, PA. **Offers the following:**

ARECA LUTESCENS:

6-inch pot, 3 plants, 20 to 22 inches high..... 75c each ; $75.00 per 100
6-inch pot, 3 plants, 24 to 26 inches high.....$1.00 each ; $100.00 per 100
8-inch pot, 3 plants, 30 to 36 inches high.....$3.00 each
10-inch pot, 3 plants, 42 to 45 inches high..... 5.00 each

KENTIA BELMOREANA:

6-inch pot, 6 leaves, 24 inches high.....$1.25 each ; $15.00 per doz.
6-inch pot, 6 to 7 leaves, 26 to 28 inches high..... 1.50 each ; 18.00 per doz.
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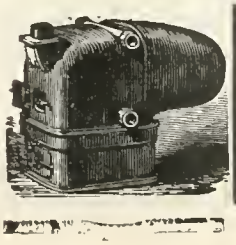

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

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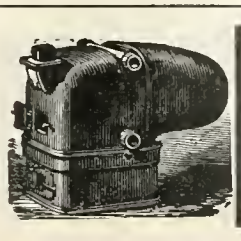

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Davenport, Ia.

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The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
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Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.
From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.
The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among the florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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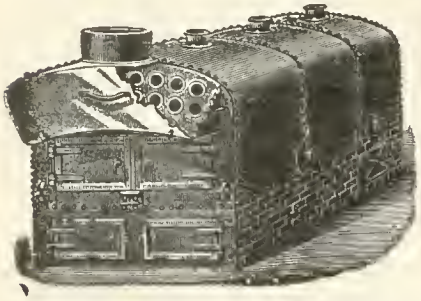

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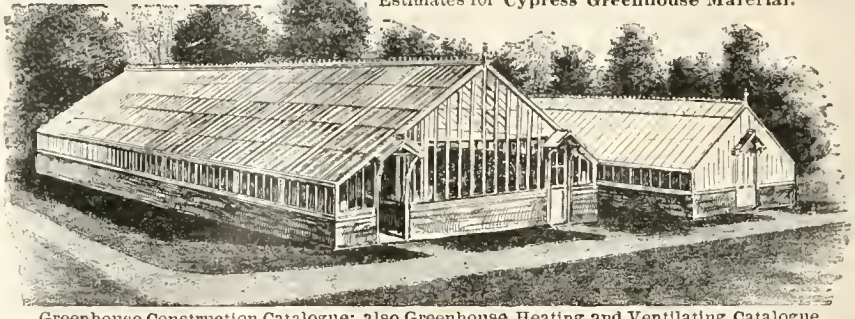

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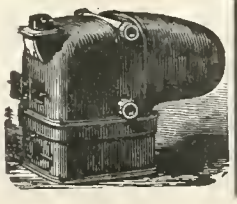

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THE WEEKLY
FLORISTS' REVIEW

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Vol. X. CHICAGO AND NEW YORK, JULY 3, 1902. No. 240.

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Florists' Calendar FOR JULY.

Freesia refracta alba, ⅜-½-inch diam	100 $0.40	1000 $3.00	2000 $ 5.00
½-¾-inch diam	.60	4.50	8.50
Monsters	1.00	8.00	15.00
Lil. Harrisii, sound bulbs, best stock, 5x7	12 $0.75	100 $ 5.00	1000 $ 45.00
7x9	1.50	11.00	105.00

Bulbs ready 15th to 20th July.

Seeds to Sow Now.

Asparagus Sprengeri, new seed, per 100, 30c; per 1000, $2.00.

Calceolaria, Hybrida Giant, mottled and tigered, pkt. 500 seeds, 25c.

Calceolaria Rugosa, (shrubby Calceolaria) pkt. 25c.

Cineraria hyb., max. grandfl., 500 seeds, 25c; 5 pkts., $1.00.

Cineraria hyb., max. nana, (dwarf) 500 seeds, 25c; 5 pkts., $1.00.

Cyclamen persicum, giant flowers in pure white, rose, brilliant crimson, white with red eye, or all mixed, 100 seeds, 60c; 1000 seeds, $5.00.

Primula Sinensis Fimb., in pure white; Chiswick, red; **Pure White, with golden eye;** rose; **True Blue,** 100 seeds, 25c; 1000 seeds, $1.75. All sorts mixed, 100 seeds, 20c; 1000 seeds, $1.50.

Primula Forbesii, white or rose, pkt., 25c.

Pansies. Berger's never fail mixture—containing all colors, all strains, cannot be beaten, 1000 seeds, 25c; 5000 seeds, $1.00; ½-oz., $1.50.

We also furnish in pansies—any color wanted—any florist's favorite named sort: Trimardeau, Bugnot, Odier, any of these per 1000 seeds, 25c; 5000 seeds, $1.00.

New Giant Cassier, 1000 seeds, 40c.

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Fine Stocky Plants, 4-in., **$6.00** per 100.

Coleus, 3-in	$2.00 per 100
ROSE PLANTS—Meteor, 2½-in	3.50 "
Golden Gate and Kaiserin, 4-in	8.00 "
Boston Ferns, 3-in., $6.00 per 100; 4-in. 15.00 "	
6-in., 50c each; 7-in., 75c each; 8-in., $1.00 each.	
Asparagus Sprengeri, 4-in	$12.00 per 100

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THE RETAIL FLORIST.....

Flowers for Wearing.

Every few years, nay at some periods every few months, the people adopt some craze that most forcibly reminds us of the logic in Darwinian theories. In no other country has the wearing of badges and buttons become so general as in the United States. The Grand Army adopted their button and it was recognized as a badge of honor, but now every woman, man and child wants to wear something that means nothing except to be in line with the vast army of faddists. These buttons and badges have long ceased to be of any value, but do an immense harm to the florist's trade. These crazy baubles have dispensed with the wearing of flowers to such a degree that it may be safely said that the boutonniere and corsage bouquet section of the business has dropped to 20 per cent of what it was even ten years ago. Is it possible that "familiarity breeds contempt" and that florists as a class are adverse to the wearing of flowers? It might be well to do otherwise and grasp every opportunity to make flowers popular on all occasions.

Blue corn flowers make about the best or at least the most modest boutonniere or corsage bouquet to wear during the day. Dark crimson or pink carnations are worn by some, and the ladies just now are using a combination of white water lilies and blue cornflowers. But as stated above, flowers are not worn as much as we would like. Gardenias continue to be a favorite flower among those selected to be wealthy. There are quite a few good blooms coming into the market, and they are sure to be even more popular than ever next season. Might be just as well to study and pay more attention to the cultivation of this elite flower.

Specialties.

And by the way, Mr. Grower who does a local or fancy shipping trade, it might be well for you to plant that empty or nonprofitable bench with some old, sweet, once popular rose. Make your place famous for one thing, which can often only be done by growing something nobody else has got. It will pay you to break away from the beaten track in the matter of flowers. Double flowering hibiscus will be a most valuable flower this month. The white are very good for funeral work, the colored ones cut in branches, make good decorative material. There are some very beautiful varieties which it would be well to get acquainted with. They are the best the nursery can give us when flowers are scarcest.

Phloxes.

Just now and for some time to come phloxes give us the very best material for showy decorations. These beautiful flowers can be used for almost anything. The white, lavender and purple sorts are excellent for funeral work, be it bunches, wreaths or base embellishment. They mix well with other flowers, say flat bunches of lavender or purple phlox and Lilium longiflorum, or you can make crosses of the white or the above colors in conjunction with other flowers. There is no large design in which you cannot use these flowers, and we have done some of our best summer wedding decorations with them, tying large bunches of pink or red down all the pew ends in the center aisle and having the altar one mass of white with just a cluster of light pink to give tone to the work. These flowers are good for general vase work and for cheap table decorations. They are fine when used in separate colors.

Blue Flowers.

Blue flowers are often wanted for college or national colors in design work and very often purple is used as a substitute for blue. Many shades of blue flowers will be procurable for the next few weeks. The delphinium family gives us every tone and shade of color wanted. Some of the light blues are lovely and can be used in almost any kind of work. There are many cases where the lobelias are useful, the compact kinds for solid or fringe work and the gracilis or trailing ones for boxes or hanging baskets. We have seen them doing finely in high altitudes, such places as roof gardens, etc. Yucca filamentosa is a fine thing to use for funeral work when flowers are scarce, and used in its immense spikes they are about the most impressive flower you can get for large decorations. They go fine in alternate clusters with gladiolus and lilies.

Gladioli.

Speaking of gladiolus reminds us that they are another family of flowers it will be difficult to dispense with. They are despised by some, same as most things that are over plentiful, but nevertheless their great beauty and general usefulness will always make them the most valuable of flowers. They constitute one of the best and most showy window flowers during hot weather. The white and purple are excellent for funeral; the others, which almost cover the entire range of colors, can be used to great advantage in general work. We would strongly advise retailers who do much of a summer trade or who consider it necessary to keep up a show of flowers to occasionally visit some large bulb grower and make a contract or arrangements for regular supply of showy outdoor flowers. Growers who have grounds and do a local trade should always have a supply of seasonable flowers.

Lilies.

Lilium longiflorum in some cities at the present time may be considered a drug on the market, but they are nevertheless a God send, and it seems to us far better to grow them for summer trade, even at a small price, than grow them for Easter with the severe losses through blight that has of late years made the venture a most expensive one. Continue to give us lots of them all the year around if you possibly can, and as with other flowers, consider the average and not the accidental price.

Galax Leaves.

I know that when we say anything derogatory to the extensive use of galax leaves we win disfavor in some quarters, but the facts compel us to say that they have become in a measure a curse to American floriculture. They have been and still are a blessing, a savior to many, for there is more profit in them perhaps than in anything handled in the retail store, but as it is today where they are recommended and pushed on every possible occasion they do incalculable harm to the cut flower trade. To be sure a wreath of galax can be made to look very pretty but there is no sentiment about it except in the design. We must once in a while consider the millions of dollars invested in floriculture and it might be well to remember that things overdone never amount to much.

Funeral Designs.

Hollyhocks will be in demand. The long spikes of single and double colored ones are splendid for decorative work and the white will, of course, be good for groundwork in funeral designs. The days of stiff funeral designs promise to return shortly. Although they have been in disfavor among the wealthier folks they have always been a necessity in the poorer sections. In such places the people want good big, showy designs and it either costs much or is impossible to supply suitable materials for loose work.

You can, especially at this time of the year, buy many kinds of short stemmed or small flowers cheaply, which enables one to give more satisfaction, providing you can choose your way of making up. And even now, when roses are poor and small, it is necessary to compactly arrange them in order to have them show to advantage. To the majority of people who order funeral designs roses are the most considered flower, but you can satisfy most people by giving them an apparent value for their money, and this can often be done by using almost any white flower and making roses, or a favorite flower, a prominent feature. This can seldom be done by a scattering arrangement. One dozen roses are more impressive in a cluster than twice that many scattered in design work. IVERA.

PAEONIA FESTIVA MAXIMA.

This description should have been given with the cut in last issue of the REVIEW. With M. Pailette of France and T. C. Thurlow, the paeony prince of New England, this flower stands at the head of the procession of beauty. It has been propagated for from fifteen to twenty years in Europe and America and it is impossible to supply the demand for it. One of the largest wholesale growers sells the flowers in Chicago for $2 per dozen and wholesales the roots at $1 each. Western growers are in the market now hunting places where they can buy by the hundred thousand.

This is a very large flower of pure snowy whiteness, with the center sprinkled with drops of deep red, which seem to emphasize the whiteness. As a cut flower it is one of the finest. Taken just

as the buds open and placed in cold storage it will keep for weeks. When brought out into the light and warmth it unfolds its peerless beauty. It must be cut with long stems and these seem to store vigor enough to push the flower to its full unfolding.

On some accounts it surpasses Baroness Schroeder in its climatic adaptations. The dry air of the west suits the former to perfection and makes it the very queen of loveliness. It does not do so well in the moister air of the east. Festiva Maxima is quite fragrant, which adds much to its value. One trouble has been to secure plants true to name. Some Holland dealers have flooded the country with spurious ones, and those who bought them have scattered them far and wide.

York, Neb. C. S. Harrison.

MISCELLANEOUS SEASONABLE HINTS.

The End of the Fiscal Year.

The 1st of July of each year has always been with us the end and beginning of the fiscal year. Others may have found some other date to suit them better, but it seems to us that whether you are in the wholesale or retail business, whether you both grow and retail or only keep a store for retailing, that from the 1st to the 10th of July is the deadest calm in the whole cycle of 365 days.

"Open confession is good for the soul" and I don't mind owning that for many (too many) years we went along in a happy, go-lucky style, not knowing within $1,000.00 what had been the profits or loss of the business. The way we figured was, "Well, we don't owe as much as we did last July, and then we built that house last fall, and we have lived, and we paid $600.00 for paving the side street. Oh, we must have done pretty well."

Now, perhaps I was in the minority in this slovenly way of looking into the business, yet I believe I was numbered in the great majority. There is no doubt the largest firms know to a cent what they have made and where they stand, but the great army of florists, those whose sales amount to from $10,000.00 to $20,000.00 a year, have little idea what their year's business has returned, or what is of still more importance, what department did pay and what department had a leaky attachment through which the profits of one department flowed out in a steady but continuous stream. I will just interpose the remark here that I am well aware that every business has to carry some department that scarcely returns any profit, but no one is obliged to continue a branch of his business that is a real loss and pulling down the profits of another.

I know a man very well who until about three years ago did quite a large business at his greenhouses in the residence portion of the city, which included almost all departments. He also ran a store or shop in the center of the city, paying a large rent. For years this man sent cut flowers produced at the greenhouses to the store, as well as the flowering plants they could use. Orders taken at the greenhouses were often filled at the store, and orders for decorations taken at the store were filled from the greenhouses. No separate account was kept, no credit given for the flowers and plants sent to the store, and no credit given the store for flowers that were purchased for the store and then wanted at the greenhouses. The general result of the two places was lumped together and guessed at, as above described. If he was hard up he had done badly; if he was comparatively easy and the atmosphere and environment were rosy he had done well. He had no definite knowledge whether the store was keeping the greenhouses or the greenhouses paying the expenses of the store.

I trust there are many hundreds who have such a business and not only know what each end is doing but find them both profitable, but alas, I feel sure there are many who do not, and they sail along with several leaks, yet they blindly stick to the pumps and labor along just sufficiently hard to keep the old ship afloat. This man, who would rather talk plants or building and several other things, thought it was time to see how the store paid, and three months' accurate watch of the business with careful figures proved that the store was eating up fifty per cent. of the greenhouse profits, so as soon as possible this end was "cut out" entirely. The greenhouses were sufficiently among the people that the store could be dispensed with.

In many cases, however, the store would be indispensable and then instead of abandoning it reform would have to take place. It would have to be run right, better stock, better attention, better window and all that goes to make a successful business, of which I am not going into now. I merely cited this man's experience to show that he jogged along for years and then discovered the big leak. This man has told me since that the few dollars he spent in extra bookkeeping and which discovered to him the true state of affairs was the best money and time he ever spent.

Now, reader, don't take what I have said of this man's experience as any inference that the store, even at high rent, is not a good end of the business. In the highest civilization and most advanced state of society division of labor is the condition that prevails, and perhaps there are as many instances which could be cited where a successful store man has run a "growing establishment" at a loss as the successful greenhouse man making a failure of his city store. The all important thing to do is to find out and remedy the weakness where it exists. I have attempted to illustrate where a serious loss may occur by having two branches of your business and without accurate bookkeeping you may be unaware at which end it exists. There are, however, for every firm who is so situated at least twenty florists, big and little, who do all their business at the greenhouse, or keep a retail store and grow nothing, depending entirely on buying everything. It is just as essential for them to know what they are making or losing as for those who are more spread out.

It is notorious, if not to the world at large, at least to me, that the really good gardener and successful grower, yes, and even good talker to his customers, is seldom a good financial man. To be bothered with figures and small affairs is beneath him. His mind soars higher, and he is apt to be absorbed in new plans and methods, new ideas, and to consider that as long as he is not in trouble that accounts and bookkeeping are of least importance. In this cruel world, where every dog is trying to rob the bone from the other dog, the financial end is of the utmost importance, and smaller minds whose vision sees a dollar bill continually before their noses, realize this and may neglect other ends of their business, but they grab the dollar. I don't wish to flatter or attempt to exalt the florist, and by that I mean the real gardener, the lover of his plants, the conscientious executor of his business, has, I believe, an intellect above the average business man, and will be found too often indifferent or lacking in the financial end of his business, and for this carelessness the penalty is often a chronic state of "hardupness" or near the ragged edge.

Now for the practical part of this story. Every one of you should keep an accurate account of your business. In the matter of stock taking our business is not so easily got at as the dry goods or hardware merchant's, who can, on a certain day of the week or of the year, take an inventory of all that his store contains, but that is not of so much consequence with us, as you can form a pretty good idea of how your stock compares with a similar date a year ago, especially when it is at its lowest ebb. I am not going to tell you how to get at an accurate knowledge of your business, because there are many methods, all good if faithfully carried out. It is merely to keep a daily record, all on one sheet, of your cash sales, your charge sales, your cash purchases, your credit purchases, your steady or monthly expenses, your daily incidental expenses. There is more detail to it than I have attempted to describe, but it takes but a few minutes at the close of the day or week, and if you know at the end of the year what your business has paid you, you can tell more easily what each month, week or day has developed.

There are many men, brilliant in many ways, yet cowards at money matters. They would much rather give $5.00 to a needy creature than to go out and collect a just debt. Face the music, know just where you stand and be ready to retrench if needed. Don't let your mother-in-law's small legacy of $900.00 put into the business lead you to think you have done well, but find out what your business has actually done. If not paying, find out why not, and if it is you are warranted in increasing your area of glass.

William Scott.

ROSES.

Seasonable Hints.

During such weather as we have been having lately, cold and an excess of moisture in the atmosphere, great care

Aquilegia Caerulea.

will have to be used in watering young stock. It is safer to have them a little on the dry side than to get the benches sodden. In such weather, when there is little evaporation, the act of syringing will supply sufficient moisture to the roots to keep up a good action till brighter weather comes.

As this is the season when disbudding has to be done, I wish to call attention to this subject again, as this is an operation very frequently done in a careless and slipshod fashion. To get strong wood for a first cut and to also form a good bush, the bud should be cut off along with the three or four eyes below it. The strength of the plant is thus diverted to the remaining eyes, which will break much stronger than if all the eyes were left. A pair of well sharpened scissors is about as handy a tool as can be used for this purpose as it saves that dragging of the roots which is the consequence of an ill sharpened knife. Even for cutting blooms this is handier and makes a neater and shorter wound than a knife does. After a little practice I find that the men favor this instead of the knife. RIBES.

RED ROSES.

Please tell us through the REVIEW which is the best red rose to grow in the same house with Brides and Maids. We have tried Meteor, but on account of mildew we were unable to get a favorable result. The red rose must be a good free bloomer. H. C. G.

This is one of the questions which has been puzzling experts and hybridists so long. We all thought that Liberty was to fill the bill, and fondly hope so yet. It is a little cranky, to be sure, but it is head and shoulders above all the others.

Wootton is also a good rose for such a house, but it is very liable to black spot under such conditions. RIBES.

DAMPNESS IN ROSE HOUSES.

In his seasonable rose hints in the REVIEW, Ribes says: "If the leaves show dampness in the morning that is sure indication that the ventilation has been deficient."

I wish Ribes would tell me through the REVIEW why mine are always damp in the morning, drops hanging from every point of the leaves of the young plants. I leave plenty of ventilation on at night, the ventilators being often nearly full open and the temperature not below 65 degrees either inside or out. We always have trouble this way except during heavy firing in winter.

I will be very glad if Ribes or any one else would throw any light on the subject. Ribes would not advise using fire heat at this season even in this case, would he?

Beauty is the principal rose grown, and although it grows well I have much trouble with black spot, owing to dampness at night. How low a temperature is it safe to allow a Beauty house to drop to before starting steam? How high should ventilators be at night when temperature is 60 degrees outside?

INTERESTED READER.

I have seen just such another case as this, the cause in this case being that the house was situated in a much sheltered spot on low marshy land little above water level. The house was raised four feet and filled up with ashes, and the surrounding trees cut down and the trouble ceased.

This can also occur in a house where water is stored in open or partly open tanks. If the house is on high ground, with an ordinary exposure, and getting the careful attention I. R. evidently gives it, I am at a dead loss and cannot even guess at the cause.

During wet weather it is safe to turn on a pipe or two when the temperature drops below 60 degrees. With a temperature of 60 degrees or over outside during dry weather and not too much wind, the ventilators can be left full open. RIBES.

THE QUEEN OF THE COLUMBINES.

This is now an immense family of about fifty varieties and the number is increasing on account of the tendency to hybridize. I keep a large collection of thousands and it is a delight to watch them. They commence blooming early and keep at it a large part of the summer. For the most part I prefer mixed sorts on account of the rich variety of form and color. Some are deep purple, very double and quilled like a dahlia. Others are single with long spurs, some white, some golden and others deep blue, with other rich colors.

Four kinds grow in the Rocky Mountains. The canadensis is very early and continues in bloom a month. It has much shorter stems and brighter flowers than the Eastern type. Then there is the blue, and the golden, which is a flower of wondrous beauty with its immense and showy spurs. But the grandest of the whole family is the cærulea, which seems a photograph of the intensely blue and fleecy clouds which float over the mountains. This is the state flower of Colorado and the Columbine Association, with headquarters in Boston, are making an effort to have the columbine adopted as our national flower. In some parts of the mountains the cærulea grows to immense size. I have seen it over three inches in diameter. The long spurs and the deep blue and clean white make it exceedingly attractive.

Hitherto there has been some trouble in wintering them in the prairie states, even with the precaution of mulching, but a neat and tasty lath screen can be built and under this they will bloom beautifully and winter without mulching. You have then given them their own first conditions. It is better to plant these choice flowers in sheltered places and not give them the full sweep of the winds. When one gets fairly acquainted with this wonderful family he will not be without them. The golden columbine will break out in bloom almost all summer and often late in the fall.

York, Neb. C. S. HARRISON.

AMERICAN ROSE SOCIETY.

At a meeting of the executive committee of the American Rose Society held in New York on Friday, June 21, it was resolved to accept the cordial invitation of the Pennsylvania Horticultural Society to hold the next annual meeting at Horticultural Hall, Philadelphia. The meeting will take place in conjunction with the usual spring show of the horticultural society. Present: F. R. Newbold, J. N. May, B. Dorrance, E. G. Asmus and L. Barron, secretary.

CARNATIONS.

Varieties Least Subject to Bursting.

Which carnations, white, pink and maroon, are least subject to bursting of the calyx. F. B.

The varieties of carnations in pink, white and maroon that we find least subject to bursting of the calyx are as follows: In pink we have no variety that gives us a more even grade of bloom than Mrs. Joost. The quality is not so high as some others, but it will always grade as a good commercial bloom and never bursts a calyx. Dorothy has never burst a calyx with us nor have we heard any complaints from others. Would recommend this variety to those who want an easy grower and free bloomer. The Marquis also has a calyx that never bursts. The new variety Mrs. Nelson is another such variety. We have seen it growing for three years and have never seen a bursted calyx. This is one of its strong points. Last season I saw Cressbrook several times and found that it never split its calyx as far as I could see. In light pink we grow Elma and find it a good one. The originators claim a very strong calyx for Mrs. Higinbotham and several who have seen it growing tell me it is true, but I have only seen exhibition blooms. Morning Glory is very free and will burst its calyx but very little if you are not too reckless with it.

In white we found last season that Lorna was perhaps the least inclined to burst of any, unless we would except Queen Louise. Norway was not as satisfactory with us as the above two in that respect. Floral Hill needs 55 degrees in winter to keep it from bursting, but in spring and fall it is perfection itself. We hear this variety maligned a good deal, but we also find that every spring we are unable to propagate enough cuttings to fill our orders, and in the fall every plant we have left in the field finds a ready sale. Can you ask for better proof of a variety's good qualities? White Cloud does not burst any with us; grown in 52 degrees and in a heavy soil and as a mid-winter white it is grand. Lorna will likely take its place and Queen Louise will become a favorite commercial variety on account of its florif-erousness.

I cannot say much about the maroons as we do not grow them, but Gov. Roosevelt I am told never splits its calyx. Maceo and Gen. Gomez both have a more pleasing color, but I cannot say as to their calyx.

I forgot to mention in the pink class the variety Avondale. This variety, like its parent Armazindy, from which it sported about five years ago, never bursts its calyx and like its parent it is very prolific and a good money-maker. There are two others from the same source, namely The Sport and Guardian Angel, and both are good.

A. F. J. Baur.

THE SEEDSMEN.

The twentieth annual meeting of the American Seed Trade Association at the West Hotel, Minneapolis, June 24 to 26, was one of the most interesting and profitable ever held.

Papers and discussions of infinite importance to the trade, entertainment in the free and unlimited western manner, an attendance never before equaled and the many evidences of good fellowship in the trade, all combined to render the meeting of unusual interest and profit.

The meeting was presided over by J. E. Northrup, than whom a better chairman never called an assemblage to order. Prof. Conway D. MacMillan, of the State University, welcomed the visitors in behalf of the Commercial Club, to which C. L. Allen, of Floral Park, responded. The report of the secretary showed the association to be flourishing financially, there being a balance of $233.48 in the treasury.

The following interesting papers were read and discussed: "Plant Breeding," by C. L. Allen; "The Government Seed Distribution," by Dr. B. T. Galloway, of the Bureau of Plant Industry, Washington, D. C.; "A Fair Contract," by Albert McCullough, Cincinnati, O.; "The Dollar and the Test," by J. C. Vaughan, Chicago; "Uniform Order Sheets for Traveling Salesmen," by S. F. Leonard, Chicago; "Rural Free Delivery," by Walter P. Stokes, Philadelphia; "A Seedsman's Collection Bureau," by Chas. H. Breck, Boston; "Seed Trade Associations, What Have They Accomplished," by F. H. Ebeling, Syracuse, N. Y., of the Am. Seed Trade Association; W. Atlee Burpee, Philadelphia, of the Wholesale Seedsmen's League; Mel L. Webster, Independence, Ia., of the Northwestern Association; S. E. Briggs, Toronto, Ont., of the Canadian Association; "What Seed Associations Might Accomplish," by Howard H. Harries, Chicago.

The report of the committee on Tariff, Customs and Express, evoked considerable discussion as to the unjust rulings of the Treasury Department in raising prices and inflicting penalties, and the best methods for remedying the evils. While all were agreed as to the injustice imposed there was quite a radical difference of opinion as to the proper course to pursue to obtain redress. As one member tersely put it, full and complete justice can only be obtained by abolishing the tariff entirely.

Mr. Page, of Des Moines, and Mr. Burpee, of Philadelphia, reported the efforts of the committee on Postage Legislation. It was not thought probable that any relief would be granted at this session of Congress, but with renewed effort on the part of all members of the association at the next session of Congress, prospects were encouraging for favorable action. The main object of this committee is to modify the present postage law so as to permit the mailing of 3rd class matter in bulk at the present rate of postage without affixing stamps, and the issuing of postal currency in small amounts for sending through the mails.

Mr. Stokes in his paper urged the cooperation of all seedsmen and mail order houses in securing a parcel post law, so as to expedite the transmission and delivery of large packages now sent by express at a great loss of time.

The committee on experimental stations was abolished.

The officers and committees for the ensuing year are as follows: Pres., Walter P. Stokes, Philadelphia; First Vice-Pres., C. N. Page, Des Moines; Second Vice-Pres., S. S. Burge, Toledo; Sec'y. and Treas., S. F. Willard, Wethersfield, Ct.; Asst. Sec'y, A. N. Clark, Milford, Ct. Executive Com.: W. A. Burpee, Philadelphia; J. C. Vaughan, Chicago; H. W. Wood, Richmond, Va.; S. G. Courteen, Milwaukee; W. H. Grenell, Pierrepont Manor, N. Y. Membership Committee: Everett B. Clark, Milford, Ct.; S. M. Pease, Rochester, N. Y.; Mel L. Webster, Independence, Ia.

The social features of the meeting were of the highest order and pleasant memories of the occasion were carried away by all fortunate enough to be in attendance.

On Tuesday afternoon the members and wives were conveyed to Lake Minnetonka, where supper was served at Hotel St. Louis, after which a moonlight excursion was made around the lake on the steamer Puritan, the train returning the party to Minneapolis at 10:30.

On Wednesday afternoon the party were taken on special cars at 1 p. m., to the State University, where Prof. MacMillan gave a brief talk on "The Fundamental Structure of Seeds with special relation to a scientific explanation of sports and hybrids." At 2:30 p. m. the party, as the guests of Mr. and Mrs. L. L. May, accompanied by Pres. and Mrs. Boardman, of the Commercial Club, Mr. and Mrs. S. D. Dysinger, Mr. and Mrs. John A. May and other prominent citizens of St. Paul, were conveyed on chartered cars to Minnehaha Park.

From this point (the head of navigation on the Mississippi) the steamer Gracie Mower carried the party down the river to the landing in the Minnesota river under the ramparts of Old Ft. Snelling. Here the company was met by a fleet of boats from the St. Paul Yacht Club, commanded by Commodore J. A. O'Brien, a leading attorney of the city. A short cruise up the beautiful Minnesota river and a delightful trip down the river with the city in full view, built on commanding bluffs and crowned by its beautiful new capital of white marble, completed the water ride. At the docks tallyhos and carriages were in waiting to take the visitors around the business and residence portion of the city, its Summit Ave. being preeminently the finest residence street in America. Returning to the spacious dining hall of the Commercial Club at 7:30, the guests sat down to a most sumptuous repast, which was doubly welcome after the exciting trip of the afternoon, while a stringed quartette poured forth sweet music and threw a charm of delight over the pleasures of the event.

At 9 o'clock the cars were again boarded, taking the company directly to Como Park, than which there is no more beautiful spot in the whole paradise of nature. A half hour stroll about the grounds, along the lake and in the pavilion, where soft drinks were served, and the cars were reluctantly entered for the homeward trip to Minneapolis, where at 11 p. m. the St. Paul contingent bade adieu to their guests.

On Thursday morning visiting ladies were taken to Minnehaha Falls, one of nature's beauty spots which are so abundant in the North Star State. In the afternoon visiting ladies were escorted around the city in tallyhos and in the evening the remaining guests were conveyed in special cars to Lake Harriett to listen to Ellery's Royal Italian band, arriving at Minneapolis at 11 p. m., after a most enjoyable trip.

At the close of the meeting on Thursday afternoon, Mr. Burpee, on behalf of the Association, in a few most befitting

The Late Wm. G. Bertermann.

words, presented the retiring Pres., J. E. Northrup, an elegant silver loving cup with stag horn handles, containing this inscription: "To Jesse E. Northrup, from His Friends of the American Seed Trade Association. Minneapolis, June 26, 1902."

Mr. Northrup returned his thanks in a few well chosen words.

At this point Mr. Howard Harries called upon Mr. May to come forward, and in a well framed speech tendered him and Mrs. May a most artistic and beautiful fern jardiniere of oxidized silver of a unique and curiously wrought style and shape. Mr. May, taken completely by surprise, responded quite feelingly, thanking the donors for the beautiful gift.

The annual meeting time was changed to the fourth week in June. Milwaukee, Toledo and Cincinnati all invited the association for next year, but Toledo will probably be the selection of the executive committee.

W. Atlee Burpee and family are enroute to California, going via Vancouver, B. C. Jerome B. Rice and party came up by way of the lakes, arriving on Wednesday. F. W. Bruggerhof and Burnet Landreth arrived Thursday to attend the Wholesale League meeting which was in session Thursday evening and all day Friday.

A number of the members visited the experimental farm on Friday as the guests of Profs. Green and Hays.

Those in attendance at the convention were:

Allen, C. L., Floral Park, N. Y.
Archias, L. E., Sedalia, Mo.
Barnard, W. W., Chicago.
Barrett, W. H., Adrian, Mich.
Barteldes, F., Lawrence, Kan.
Battles, F. H., Rochester, N. Y.
Berry, A. A., Clarinda, Ia.
Bolgiano, R., Baltimore, Md.
Braslan, C. P., and wife, San Jose, Cal.
Briggs, S. E., Toronto, Ont.
Brown, A. J., Grand Rapids, Mich.
Bruggerhof, F. W., New York.
Buckbee, J. T., Rockford, Ill.
Burge, C. S., Toledo, O.
Burpee, W. A., wife and daughter, Philadelphia.
Burt, N. J., wife and daughter, Burlington, Iowa.
Clark, C. S., and wife, Wakeman, O.
Conklin, H. E., Binghamton, N. Y.
Corneli, B. P., St. Louis.
Coryell, L. J., Oshawa, Ont.
Courteen, S. G., Milwaukee.
Craig, P. D., Memphis, Tenn.
Crossland, E. F., Toronto, Ont.
Crossland, W. H., Minneapolis.
Davis, G. N., Chicago.
Dickinson, O. H., and wife, Springfield, Mass.
Dulaney, B. W., Cincinnati.
Dysinger, S. D., wife and son, St. Paul.
Emerson, F. T., Waterloo, Neb.
Ford, J. H., Ravenna, O.
Funk, F. H., Bloomington, Ill.
Goodwin, A. H., Chicago.
Green, Geo. S., Chicago.
Grenell, W. H., Pierrepont Manor, N. Y.
Harries, H., Chicago.
Hamilton, D. M., Minneapolis.
Holden, P. G., Bloomington, Ill.
Hollenbach, P., Chicago.
Hunter, C. C., Minneapolis.
King, F. B., Rochester.
King, P., and wife, Minneapolis.
Kneker, W., Faribault, Minn.
Landreth, B., Philadelphia.
Langbridge, W. C., Cambridge, N. Y.
Leonard, S. F., and son, Chicago.
Luck, A. H., Des Moines, Ia.
McCullough, A., Cincinnati.
McKenzie, A. E., Brandon, Man.
McVay, G. B., Birmingham, Ala.
Mangelsdorf, A. F., Atchison, Kan.
Maple, R. H., St. Paul.
Massie, C. C., and wife, Minneapolis.
May, John A., and wife, St. Paul.
May, L. L., wife and daughter, St. Paul.
Northrup, J. E., and daughter, Minneapolis.
Olds, L. L., Clinton, Wis.
Page, C. N., and sons, Des Moines, Ia.
Page, E. L., Greene, N. Y.
Parvin, G. H., Cincinnati.
Pease, S. M., Rochester, N. Y.
Plant, F. P., St. Louis.
Reynolds, J. L., Kansas City.
Rice, J. B., wife and daughters, Cambridge, N. Y.
Ricketts, R. B., Springfield, Mo.
Robinson, J. C., and wife, Waterloo, Neb.
Samuel, A. G., St. Joseph, Mo.
Schisler, H. M., St. Louis.
Sheap, E. J., Jackson, Mich.
Sloan, J. E., Palo Alto, Cal.
Stokes, W. P., Philadelphia.
Stone, W. E., Toledo, O.
Utterman, W., St. Paul.
Vaughan, J. C., Chicago.
Walker, C. H., Springfield, Mo.
Webster, M. L., Independence, Ia.
Will, O. H., Bismarck, N. D.
Willard, S. F., Wethersfield, Conn.
Windheim, H. G., Omaha, Neb.
Wood, H. W., Richmond, Va.
Woodruff, W. S., and wife, Orange, Conn.

X. Y. Z.

OBITUARY.

William G. Bertermann.

We regret to have to announce the death of William G. Bertermann, the well-known Indianapolis florist, which took place at Sacramento, Cal., June 29th.

As is well known to the trade Mr. Bertermann has been in declining health for a number of years, due to kidney trouble, and a fatal termination was not unexpected though hope was still felt. He has been for some time in California, hoping that the milder climate would help him in his fight with disease. Though president of the American Carnation Society this year he was unable to attend the Indianapolis meeting, and in a recent issue we published his acknowledgment of a letter of regret sent him by a committee appointed by the society.

Mr. Bertermann was a comparatively young man. He was born in Germany and came to Indianapolis in 1872. The firm of Bertermann Bros. has conducted a large and steadily growing business, and owing to the interest the deceased took in every thing that tended to advance the best interests of the profession he had a national reputation as a progressive and helpful member of the trade. He will be mourned by a host of friends.

BOSTON.

Not Much Doing.

Weddings, school commencements and the great Boston School Festival made business quite good for the last week of June; but we shudder to think of the weeks or even months to come. July 2nd is the middle of the calendar year, 182 days having gone and 182 more to come, but it also just about marks the end of floral trade for this season.

Goods continue rather more plentiful than is usual at the date and asters are beginning to come in very small lots, so it looks as if the supply of bloom will be maintained. Prices have a slight downward tendency upon about all lines and especially in the matter of all kinds of carnations except good ones. These are somewhat scarce and hold prices better.

Sports and Fashions.

Of course a man must have a Panama hat anyway and no florist is exactly up-to-date unless he has a good healthy boil on the back of his neck. Have you noted how many are wearing them?

And now a ball game is talked of between the wholesalers and the retailers. And the "Brimstone Corners" from the Park-street market are ready to tackle anything!

This swell-head condition is caused by the fact that they went out to Natick on Saturday and fairly walloped the ground with the remnant of that old tribe the "Wabans" as exemplified by the Rose Co. of that name.

Unfortunately I was unable to attend the massacre but the byplay of talk on the part of the winners upon their return from the war-path reveals the fact that "it was a famous victory!" Runs seem to have been manufactured so fast they could not be counted since it is yet unsettled whether they bea'

upon a score of 28 to 16 or worse than that!

Splinters of talk hint at a great double play by Charnock, a regular toboggan slide home by Tailby, and that Hawkes as catcher rivaled his feathered brother when after a chicken.

But the most is said about Norton's work. It seems he stole all the bases on the field. I did not hear whether he took anything else or not, but presume he also captured the bats, ball, masks, etc.

The victors did not come off unscathed, however, as most of them are nursing some part of their anatomy although so far as I have seen, no scalps were lost. Honestly, I suppose every feature of the game was played to the limit.

J. S. Manter.

PHILADELPHIA.

The Market.

June, a very busy month in the cut-flower market, is over. Nearly all the maids who had made up their minds have become brides, and business is rather quiet, this week being in marked contrast to last week, which was very good indeed. Roses hold up well, Kaiserins being especially fine; in fact they are better than ever. Carnations are not very plentiful; good white sell well; the colored varieties only fairly so, unless of extra quality. Sweet peas are falling off both in quality and quantity, the cold weather last week followed by the heavy rains this week proving trying for these dainty favorites. Some days they were in short supply. Valley is not coming in so freely. Of the outdoor flowers Japanese iris has at times proved useful; they are now about over.

From Over the Water.

M. Rice, who returned last week from abroad, encountered very rough weather, both outward and homeward bound. He noticed a number of things while on his trip that may be of interest to the readers of the Review. One wrinkle was the use of what may be termed advertising ribbon with cut flowers, baskets or designs. Narrow white ribbons so universally used for attaching the giver's card to the floral gift is neatly marked with the florist's name and business address in black letters. Should this plan meet with favor in this country it might be improved upon and individualized by the use of autographs, gilt or colored letters, or other devices that fancy might suggest. Mr. Rice was much pleased with some well grown plants of Edelweiss with frosty carnation-like foliage and a variety of four-leaved shamrock new to him with glossy green and brown foliage. Both were offered in 4-inch pots. Mr. Rice thought that the leading Berlin florists could not compare with our retailers in the effects produced, their tendency being toward contrast, and sometimes far from pleasing, rather than harmony in color.

Notes.

Jennings Bros., of Olney, are sending in some very fine La France to this market. The price is $4 to $5 per 100.

Robert Scott & Son, Sharon Hill, have just completed and planted a 200-foot house of Liberty. This house has side ventilation in which Mr. Scott is a firm believer.

The repairs to the seed warehouse of Henry F. Michell, have been completed. Fortunately the large stock of seeds, bulbs and instruments was uninjured by the fire.

Lord & Burnham Co. have secured the contract for roofing material to be used on William Berger's new carnation house. This house did service during the past year as a mushroom house. The boards have been removed leaving the sides in readiness for the sash bars.

Edward Reid expresses himself as strongly in favor of a central meeting place where cut flowers may be sold. He believes that much loss of time and deterioration of product would be avoided as well as disappointment to the buyers, who so often depend on some one for what he doesn't happen to have.

Frank Gaul, who has been ill for some time, is now back at his post at the Century Flower Shop.

Bowling.

The second night's play in the series of games to decide the team to represent the club at Asheville took place at the Mannerchor alleys last week. These alleys proved inferior to the Pennsylvania alleys used the previous week. Splits were frequent and a light ball proved almost useless. Many changes were made and the race for the six places proves very exciting.

Total score for the three games follows:

D. T. Connor.....	475	J. Dunlap	391
W. R. Gibson.....	450	S. Adelberger	381
Geo. M. Moss....	417	Frank Polites ...	373
B. Starkey	417	Geo. Anderson ...	364
G. C. Watson.....	412	Geo. Craig	356
Robt. Kift	404	John Westcott ..	345
W. Robertson ...	401	W. K. Harris....	329
J. P. Habermehl..	394	Falk	327

In the above match the Connorites defeated the Andersonians.

Score in points in the two matches played: Moss 2, Starkey 2, Kift 2, Polites 1, Robertson 1, Connor 1, Craig 1, Watson 1, Gibson 1.

Phil.

CHICAGO.

The Market.

Stock continues poor in quality and there is not enough to meet demands, even at the opening of the dullest part of the year. Roses average poorer in quality than last week, though with a few there is an improvement, this being invariably where the grower has maintained fire heat during the chilly nights that have prevailed of late. No better investment could possibly be made than a few dollars in coal the past week or so, and those who made it are reaping a rich reward. Not that prices are especially higher, but all good roses sell readily at $5 to $6, with a few specials reaching $7, while the poorer stuff brings only $2 and $3, and even $1 for the very poorest.

White carnations are particularly scarce and the best command $3 a hundred, certainly a remarkable price for the season. Others range in price from $1 to $2. Business has held up remarkably well, taking everything into consideration, and the past June will go on record as one of the best if not the best.

Pæonies are still in the market, and may yet be had in quantity. Auratum lilies are coming in somewhat freely. Of longiflorum and candidum lilies there is a good supply. The heavy and continuous rains have checked the receipts of sweet peas.

Various Items.

The weather has been even more remarkable than prior to last report. Heavy rain nearly every day and frequently all night. This amount of water falling on the already oversoaked soil has no doubt done a good deal of damage to carnations in the field as well as crops in general. And the rains have been accompanied by a very low temperature for the season.

Arrangements for the trip to the S. A. F. convention at Asheville have been made and an announcement regarding same will be found elsewhere in this issue.

Recent visitors: Andrew Peterson, Paxton, Ill.; J. R. Fotheringham, representing F. R. Pierson Co., Tarrytown, N. Y.

Mrs. Alex. Bains, Glasgow, Scotland, is in the city.

Mr. C. M. Dickenson is still sojourning in the east.

Nick Wietor says the catch was mostly pickerel.

BUFFALO.

It is the general opinion that the six months ending now has on the whole been a falling off from last year. Some will say no to this and others yes. Last spring was Pan-Am., with thousands of visitors and it must have made a considerable difference, and if this spring had been as good it would have shown a marked improvement in what we could call normal trade. June has been undoubtedly a good month. Graduations called for more flowers than for some years past, and for two weeks past every kind of flower has been well cleaned up.

Mr. Stroh, of Attica, and C. Guenther, of Hamburg, have both been sending in very fine carnations for this time of year. What an all round wonderful carnation the Lawson is! You begin to pick in October; if you feel in the dumps during the dark days of winter you have only to go to the end of the Lawson bench and your blues will be dissipated for its an enchantress and now it stands up loaded with buds and blossoms, as green and fresh as in January and not falling over or needing a stepladder to pick it.

Roses are showing the effects of summer weather and the Maids and Brides not thrown out have the seasonable touch of mildew.

The plant business has been about as usual, certainly not in excess of last year. The hanging wire basket has taken a great tumble. It always was a very artificial style of ornamental gardening and its passing away is only a natural consequence of a better taste. A well-filled large basket of nephrolepis or Asparagus Sprengeri will always find a place, but the hotch potch mixed basket for the veranda is about over. Another plant which last year even was very popular has had but a poor sale this year, and that is the Hydrangea Otaksa. Neither large tubs or medium-sized plants are wanted in any quantity.

Our city is passing through a period of horticultural education. There is a society formed here known as the "Beautifying Buffalo Society," and although some may laugh at it, it is sure to have some effect on the taste of the people. The men and women at the head of it are people of education and refinement and

Charles Zeller.

some of them are sure to have good taste. The use of vines to cover factory walls, healthy and suitable trees for our residence streets, the use of more flowering shrubs and herbaceous plants, to instill the love of flowers and their culture in our public schools, is part of the work set out by the society, and it's not likely they will advocate the making of more beds of geraniums on our lawns, so I don't look for any increase in future years in the use of geraniums, coleus and the rest of the cheap bedding plants, but I do look to an increase and a large one, in the use of vines, shrubs, roses, herbaceous plants, specimen palms, etc. It is only what other larger and older cities have passed through.

We have been particularly barren of drummers of late till the advent of Harry Balsley a few days ago. After two months' severe illness and a close approach to that large kiln where pots are burnt very hard and never sold, he turns up well and hearty, and it is consoling to know that for length of stay and hot air diffused he makes up for a score of the ordinary drummer. W. S.

NEW YORK.

The scales containing prices have been bouncing up and down according to circumstances during the past week and some grades of roses and carnations have become scarce or have disappeared altogether. The annual clearing out is responsible. Many wait till after school closings before they reluctantly pile their pets and beauties into rubbish heaps to make room for the younger set.

We have nothing worth relating. There ought to be some mighty good checker players among the New York florists, because that is the occupation in many stores. Ping Pong, too, is being played on the tables hitherto occupied by orders and an epidemic of golf is threatened.

Monday next is the club's outing and many are practicing baseball, running, etc., in the rear of the wholesale stores. It is expected that this will be a "Red Letter Day" in New York. The committee have worked hard on the details attending such and assure all a jolly good time. The late comers may get their tickets at the boat or can take train to College Point and get out to Wetzel's Grove, but they will miss the misses and the fun of the sail.

Mr. John Burton, president of the S. A. F. O. H., and Mr. T. Cartledge, of Philadelphia, were here during the week. Such men are always welcome in New York and it is to be hoped that when President Burton occupies his chair at Asheville, he will face and be surrounded by all those who were at Buffalo last August. John deserves all the credit and appreciation due an honest, wholesouled man.

Arthur Dacre, for many years with Thorley, is now manager for Mr. Theo. Lang at his Sixth avenue store. There are rumors of many changes next fall.

The New York Herald of Sunday and private letters give very descriptive accounts of the great losses to European florists owing to the postponement of King Edward's coronation. Hundreds of thousands of dollars were lost in plants, flowers and fruits. Covent Garden was paralyzed. It is expected here that the most of the rich Americans who went over for the occasion will shortly return to spend some of their surplus money in America. What's one's loss is another's gain. J. I. D.

FLATBUSH, N. Y.

The 27th of June was Charles (Papa) Zeller's 75th birthday and it was very fittingly remembered by the Flatbush Florists' Bowling Club. Mr. Zeller has been ill for some time but on Thursday evening he was induced to come out and watch the boys on the alleys where they displayed their usual great generalship in leveling the wooden soldiers. After the games the party adjourned to the dining room where they enjoyed the spread, including the vintage and cigars, and at the proper time Eugene Dailledouze, acting as chairman, arose, and after a few appropriate words presented Mr. Zeller with a very beautiful silver loving cup inscribed, "Presented to Charles Zeller on his 75th birthday by the Flatbush Florists' Bowling Club, June 27th."

Mr. Zeller was overcome with the evidences of good will and the beauty and size of the token of remembrance and his response was the sparkling of a memory of the early day when he, in company with Dailledouze and Gard, established the present business in Flatbush in 1861. It was they who, in 1866, gave to commercial floriculture the two greatest helps at the time in carnations Edwardsii and La Purite. He drew attention to the immense vase of beautiful seedling carnations which the Dailledouze Bros. had placed in the center of the table and said he often dreamed of the possibilities in floriculture, but the marvelous strides made in the past 30 or 40 years had far exceeded the dreams and calculations of all the old and young workers. In finishing he asserted that he never felt old whilst among plants and such friends and he hoped to be with them on many occasions to come.

Chairman Dailledouze called upon each present to add to the verbal testimony of love for the great young old man and among those who offered the best of wishes were W. J. Stewart and J. I. Donlan, who both spoke of Mr. Zeller's part in the hearts and history of horticulture, John I. Raynor, Carl Woerner, Clem Wocker, D. Y. Mellis, Patrick Riley, Paul Dailledouze, Henry Dailledouze, Mr. Ludwig, Alf. Zeller and W. H. Siebrecht. One was absent but all thought of him; he was Louis Schmutz, who recently met with a severe accident.

Another unfortunate circumstance was the smashing of Samuel Butterfield's fingers between the bowling balls. Mr. Butterfield had to retire early to have his hand attended to. The Flatbush Club does not expect to be represented at Asheville in August.

The scores of the night were:

W. H. Siebrecht	161	166
A. Zeller	164	162
Henry Dailledouze	107	124
Paul Dailledouze	151	87
Carl Woerner	146	166
J. I. Donlan	126	122
J. I. Raynor	...	119
P. Riley	142	128
E. Dailledouze	214	131
Clement Wocker	146	108
Ludwig	90	94
D. Y. Mellis	...	144
W. J. Stewart	...	183

J. I. D.

CINCINNATI.

The Market.

Although business was hardly up to last week it was highly satisfactory and had there been enough stock there is no question but it would have been one of the best weeks of the past month. Altogether June has been a record breaker and the florists have reaped a rich harvest.

The past week has been one of rain, and wind storms. But most of the florists escaped without loss. Truck gardeners, though, in the Mill Creek valley and other low places, suffered greatly through high water.

Carnation plants in the field are looking fine, and in a few of the fields that I have seen lately they are larger and in better health than when plants were housed last fall. This is encouraging and promises a fine grade of blooms this winter.

The majority of the growers are busy planting roses, many of them having already completed this work, and at all places the stock seems to be in A1 shape. Good roses are what this market needs more than anything else, and I hope that some of our home growers will be able to supply the demand which often goes begging for want of stock.

The prices obtained during the past week are about the same as those quoted in last week's notes, and they will hold good for the coming week.

There were a good many weddings, also a few openings, but the majority of the flowers sold went for funeral work, making the demand for white and light colors the greatest. White carnations, as usual, at this time of the year, were very scarce, but white roses took the prize, as there were practically none that could be called good stock to be had.

Don't Forget the Outing.

The annual outing of the Cincinnati Florists' Society will be held at Norwood Inn Park on Thursday, July 24th. There will be something doing every minute of the day, beginning with a base-ball game at 10 a. m., and including bowling contests for both ladies and men; foot races of all description, including a fat man's race; quoit pitching, etc., for which valuable prizes are offered. Present indications point to a howling success, so be sure to make arrangements in advance to take a day off and be among those who will have a good time. Madison road cars, transferring at Hyde Park to the Edward Road line takes you direct to the park entrance.

During the recent heavy storms in this state, Geo. R. McNeil, Manchester, O., suffered considerable damage to four of his houses through hail. He is one of the unlucky ones who did not have hail insurance.

C. E. Critchell, manager of the Atlanta Floral Co.'s store and greenhouses, Atlanta, Ga., was in the city during the past week. Although he has been in the south some time he still has the northern push with him, and is making a great success at Atlanta. He made a side trip to Richmond, Ind., to buy stock for the greenhouses. He left for the south last Saturday.

L. E. Hitz of Madison, Ind., is among those florists who deliver their flowers in an automobile. Mr. Hitz is creating such a sensation with his auto, that we hear of it in Cincinnati, and we wish to congratulate our Madison brother on his up-to-dateness.

Death of Wm. G. Bertermann.

We have just heard of the death of our brother florist, W. G. Bertermann, of Indianapolis, Ind., which occurred at Sacremento, Cal., on Sunday morning. Very little can be said of Mr. Bertermann that is not already known, as he was one of the best known florists in America. He was born in Germany, but early in life came to this country. His first stopping place was this city, where he worked for Mr. B. P. Critchell. He finally settled in Indianapolis with his brothers, where they built up a very large business, having at the present time one of the finest stores in the west. Mr. Bertermann was a man who will be greatly missed, as his influence has been felt in almost every affair of moment that has occurred in florists' circles of late years. His death, though scarcely coming as a surprise, is nevertheless a severe shock to his family, and in their hour of sorrow, I wish to assure them that they have the heartfelt sympathy of the Cincinnati florists.

Gus Kohlbrand, representing E. C. Amling, of Chicago, was a visitor.

C. J. Ohmer.

ST. LOUIS.

The Market.

The florist business has now reached summer dullness and will be in that condition for the next two months, that is, with retailers. The growers claim that they are always busy with some kind of work. If it is not business it is painting, remodeling or replanting. There is quite a lot of building going on, as most of our growers are building from one to two houses.

The good soaking rain, which has been so long looked for, came Saturday and Sunday, a larger amount of water falling than at any other one time this year, and the growers on the outskirts of the city are all happy, as this rain will save them a great deal of labor and money. The rain and wind storm of Saturday did a great deal of damage to the parks and to the World's Fair site.

The supply of first-class stock is scarce, but second-class stuff is quite plentiful and not easy to dispose of. The great bulk of stock now seen at the wholesale market consists of sweet peas, feverfew, cornflowers and hollyhocks with plenty of second-class roses and carnations.

The few good roses bring from $4 to $5 and seconds $1 and $2. The bulk of them are Brides, Maids and Golden Gates. Beauties are very scarce and for these the demand was quite good the past week.

The carnations that are coming in now are a sick looking lot. The few good ones bring $2 while the bulk are from $1 down to 50 cents per 100. Sweet peas are 35 cents for the best. The outdoor stuff is sold very cheap. Some good valley is in the market at $3, which sells fairly well. New hardy ferns are now in the market and are sold at the usual price.

Notes.

Miss T. Badaracco is spending a few weeks at West Baden Springs. Miss Badaracco will visit Chicago before returning home.

Miss Tillie Meinhardt and sister spent Sunday and Monday of the past week in Chicago, returning home Tuesday much pleased with their trip.

Mr. and Mrs. Henry G. Berning have visited throughout Illinois the past week, stopping a few days in Chicago. They contemplate a trip to California this summer for the benefit of Mrs. Berning's health.

B. P. Corneli, H. M. Schisler and F. S. Plant are back from Minneapolis, where they attended the annual meeting of the American Seed Trade Association, June 24 to 26.

Mr. C. L. Week, of New Castle, Ind., is in town for a short stay. Mr. Week's health is much improved.

Geo. Waldbart, Gus Eggeling and J. J. Beneke were jurors on the same jury the past week. A good time to catch us, as there was not much doing.

Mr. C. C. Sanders will this week start to build two new houses, one 100x20, on his Delmar avenue place, and the other on his Henley road place will be 100x17. Mrs. Sanders and her three children, Walter, Laura and Jessie, have returned from a three weeks' trip to Tennessee and Alabama. They report a very enjoyable time.

The club meeting next Thursday, July 10, should not be overlooked by the members and their friends. This meeting will take place at the St. Louis Carnation Co.'s plant at Central, Mo. A large delegation of florists is expected and those wishing to go in a body should not fail to be at Delmar Garden at one o'clock to take the cars which will be in waiting. Great preparations are being made by J. W. Dunford and the company for entertaining the members and their friends. The feature of the meeting will be the nomination of officers from president down. All committees must be ready to make a final report. The election will be held a month later at Edwardsville, Ill., where the August meeting will be held.

Mr. F. C. Creighton, representing H. A. Dreer, Philadelphia, is in town this week renewing acquaintance after an absence of five years. Mr. Creighton reports good trade in his line.

The trustees of the Florist Club, Fred Ammann, R. J. Mohr and Will Adels have selected Thursday, July 24th, for the date of the picnic to be held at Preisters Park, which is half way between Belleville and St. Louis. All florists will be sent invitations. The trustees are working hard to make this year's outing a grand success and any information regarding it can be had from them.

Mrs. Laura Tesson, mother of Robert F. Tesson, was granted a temporary injunction restraining the Louisiana Purchase Exposition Co. (World's Fair) from entering any contemplated proceedings in the Circuit Court for the condemnation of the Tuesson tract.

Bowling.

Eight members rolled three games Monday night. Mr. Fred C. Weber retained his lead and is champion bowler for the month of June. Mr. F. C. Creighton, of Philadelphia, was a visitor and enjoyed the sport. This ended the June series with the following scores:

	H.	1	2	3	Total
F. C. Weber	35	150	142	164	456
C. A. Kuehn	6	164	165	175	504
J. J. Beneke	10	157	145	165	467
Theo. Miller	35	172	155	171	498
John Young	35	134	185	160	489
A. Y. Ellison	0	128	143	177	448
Carl Beyer	6	168	157	119	444
John Sturtz	0	150	161	101	412

The scores of the June series were as follows:

	H.	No. G.	Total.	Ave.
F. C. Weber	35	12	2119	176 7-12
C. A. Kuehn	6	12	2012	167 8-12
J. J. Beneke	10	12	1947	162 3-12
A. Y. Ellison	0	12	1928	160 8-12
Theo. Miller	30	12	1922	160 2-12
John Sturtz	0	9	1419	157
A. Meyer	15	9	1411	156 4-9
F. M. Ellis	35	9	1378	151 4-9
John Young	35	6	914	152 2-6
Will Adels	35	3	470	156 2-3
Carl Beyer	6	3	444	148

The July series will begin next Monday night, and the best prize will be hung up for this series. J. J. B.

SAMUEL S. PENNOCK, Wholesale Florist.

SELECT VALLEY..... 1612 Ludlow St. PHILADELPHIA, PA.

During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.

Mention The Review when you write.

ASHLAND, KY.—George Carp, Sr., father of Wm. H. Carp, the florist, died June 21, aged 72 years. He was born in Burnham, England. For the past ten years he was associated with his son in the florist's business here. Interment was in Woodland Cemetery, Ironton, O.

WOODSTOCK, ONT.—Mr. A. H. Ewing, formerly of Berlin, Ont., is now head gardener for Hon. Jas. Sutherland, minister of marine and fisheries, who has an estate here.

GEORGETOWN, ILL.—Jay M. Frazier has purchased the greenhouses of A. Giddings, Danville, Ill., and will move the plants to this place.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A reliable married man who is a worker, and can grow roses, carnations, mums and general line of plants. State age and wages with house. References. Harry Donnelly, Rosebank, Station B, Cincinnati, Ohio.

WANTED—A good A No. 1 rose grower, one that is also able to take entire charge, at times, of a general retail establishment of 10,000 feet of glass. Address T. B. S., care Florists' Review.

WANTED—A competent rose grower. Must be sober, reliable, industrious, and capable of growing good roses. Wages $13.00 per week. References required. Gesler & Drury, Galesburg, Ill.

WANTED—A good second-hand florist refrigerator, medium size, plain. Address, W. J. Miller, 403 E. Water St., Pontiac, Ill.

WANTED—Rose grower to take charge of section. Steady position to right party. J. F. Wilcox, Council Bluffs, Iowa.

WANTED—A second-hand 40-horse power boiler in good condition. Address A Peterson, Hoopeston, Ill.

FOR SALE—Best florist business in Southern Illinois in live business town. Fine trade in cut flowers and plants. Plant of three houses. Water heat. Will be sold cheap. Address Illinois, care Florists' Review.

FOR SALE—Coil boiler, second-hand, capable of heating 1500 sq. ft. of glass. All complete. ($25.00) Twenty-five dollars. Main & Fear, Gloversville, N. Y.

FOR SALE—Flower store; greenhouse, 20x42; benches, boiler, new; everything in good repair. Reason, going out of business. Bears investigation. 3026 Eastern Ave., St. Louis, Mo.

SITUATION WANTED—By young lady thoroughly experienced in floral designing; good saleslady and book-keeper, also very handy about greenhouses. Address Chicago, care Florists' Review.

SITUATION WANTED—By a rose and carnation grower by July 15. 10 years' experience. Married. Please state wages. Must be a first-class place. Address Grower, care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—By a good gardener, thoroughly experienced in every department of the florist business. Address F. R., care Florists' Review, Chicago.

WANTED—A young gardener (a German preferred) who understands taking care of palms and other plants; also to help in flower store in St. Louis. Address St. Louis, care Florists' Review.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—A foreman, sober, reliable, up-to-date grower of carnations, mums and bedding plants; state wages and address Daniel E. Gorman, Williamsport, Pa.

FOR SALE—12 boxes glass 16x22 and 12 boxes 16x24. S. S. A. Carefully packed, at $2.75 per box. Davis Bros., Morrison, Ill.

FOR RENT—A prosperous retail and wholesale business; new houses complete; 15,000 feet of glass, 16x24; one acre of land and dwelling; rent $60 per month; opposite Woodmere cemetery gates; one mile from Detroit, Mich. Address Anton Kaler, Woodmere P. O., Mich.

WANTED—A florist, must be a good, steady, sober man, one who is capable to take charge of a medium sized place and grow a general collection of plants. Married German or Swede with a small family preferred. Wages $50.00 per month and house rent. References required. Address C. W. Moore, Muskogee, Ind. T.

WANTED—A reliable man to take charge of retail place, 2000 ft. glass; steady; good home, $20.00 and board. W. J. Olds, Union City, Pa.

WANTED—A young man with some experience in greenhouse. State wages with room and board. Must be sober, reliable and a good worker. Address Fred. J. King, Ottawa, Ill.

WANTED—Three or four good rose growers. Good wages to right men. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

WANTED—Two men for general greenhouse work. Steady work to the right ones. Chapin Bros., Lincoln, Neb.

WANTED—A hot water boiler, new or second-hand, to heat about 8000 sq. ft. of glass. State particulars and lowest cash price. Trail Price, Columbia, S. C.

WANTED—Working foreman used to growing roses. Cole's Greenhouse, Battle Creek, Mich.

WANTED—To rent with privilege of buying, a medium size place in good condition; Illinois, Iowa, Indiana or Michigan. Address 50, care Florists' Review

WANTED—At once—sober, industrious man between 25 and 35 years of age; must have knowledge of general greenhouse work; wages $20.00 per month with board; American preferred: reference required. Address I. L., Tacony P. O., Philadelphia, Pa.

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

WANTED—A steady young German, 18 or 20 years of age, for greenhouse and out-door work, with some experience on a private place. $20.00 per month and board. E. G. Gillett, 113 East 3rd street, Cincinnati, Ohio.

WANTED—Man experienced in general greenhouse work. $25.00 per month and board. Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 725 E. State Street, Redlands, Cal.

FOR SALE—Tabasco hot water boiler, No. 32, price $50.00; magazine feed and carries fire 8 to 10 hours; in good order and has new grates used past season only; capacity, 1000 to 3000 feet of glass. Write for further particulars. Terms cash. W. H. Culp & Co., Wichita, Kan.

WANTED—At once, a reliable florist. Must be sober, honest, and a good worker; one that is capable to take full charge of medium sized place and grow a general collection of plants and cut flowers for retail store trade. State wages with board and send good references of recent date in first letter. Good wages and steady place to right man. Fred J. King, 220 Madison street, Ottawa, Ill.

WANTED—Young man to learn the greenhouse business and the growing of roses and carnations; state age. Apply to John L. Wyland, De Haven, Pa.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED.

30 Boxes Glass, double or single, in good condition; 50 ft. per box; give lowest prices; size 14x16 or longer; F. O. B. Hutchinson, Kan.

JOHN STAMM, Hutchinson, Kan.

Primroses

	Per 100
Chinese, Obconica Grandiflora and Forbesii, 2-inch pots	$2.00
Asparagus Plumosus	3.50
Smilax, 2-inch pots	1.00

CASH OR C. O. D.

JOS. H. CUNNINGHAM,

DELAWARE, OHIO.

Mention The Review when you write.

100,000 Smilax

Fine plants from 2¼-inch pots, ready for planting, $1.25 per 100; $10.00 per 1000; $45.00 per 5000.

The W. T. Buckley Plant Co.,

SPRINGFIELD, ILL.

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SECOND-HAND BOILERS FOR SALE.

I am changing my boiler plant, putting in larger ones, and therefore have

15 SECOND-HAND BOILERS, IN GOOD CONDITION, TO SELL

Among them are: 5 Hitchings No. 16, 3 Furman 7 to 11, and several tubular boilers. They will range from 25 up to 75 horse power.

Write for particulars. They will be sold at a bargain.

A. N. PIERSON, - - Cromwell, Conn.

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Valley and Beauties of Extra Fine Quality.

WILL BE OPEN from 7 A. M. to 6 P. M. AFTER JULY 1st.

LEO NIESSEN,
N. W. Cor. 13th and Filbert Sts.
PHILADELPHIA, PA.

JOHNSON & STOKES' KINGLY COLLECTION PANSY.

The Prize Strain that has delighted thousands of our customers with its gorgeous colors, great substance and immense size of flowers.

A TRIAL ORDER will convince you of its superior merit, and **listen!** You will thank us for introducing this incomparable strain to your notice. Packets sold as follows: 1000 seeds, **30c**; 2000 seeds, **50c**; 5000 seeds, **$1.00**; per ¼ ounce, **$1 25**; per ounce, **$5 00.**

JOHNSON & STOKES, 217-219 Market Street, **PHILADELPHIA, PA.**

NORTH ADAMS, MASS.

A. J. Schmutz has purchased of W. B. Arnold the greenhouse property in Arnold place and has removed the old houses and is erecting three houses and a violet pit, the houses and pit to cover 54x75. A commodious office and workroom will also be erected. Lord & Burnham Co. furnish the material, also a large sectional boiler for heating.

Geo. H. Phelps, our most successful grower of carnations, will plant his whole house to carnations this season. He will plant mostly the standard varieties, but will introduce some of the novelties of the season. Mr. Phelps is located in Blackinton, three miles from the center of the city, but he finds ready sale for all the flowers he can cut. He will rearrange the heating pipes this summer and will add to the present system so as to heat a violet house 11x30.

F. H. Pratt, the Corinth street florist, has leased the Ashland street greenhouses of Mrs. Worden and will grow carnations and a general line of bedding stock. Mr. Pratt started in the business last fall, and has been so successful with the small house which he built that he decided to lease the above houses and be able to care for his increasing trade, as he finds he can grow better stock than he gets from market. O. S.

TO THE FLORISTS OF THE NEW ENGLAND STATES.

The rate of one fare for the round trip from Washington to Asheville and return makes it possible for those attending the convention from the New England states to use local excursion tickets for that portion of the trip this side of Asheville, thus getting the desirable privilege of stopping off at New York and Washington at a cost of about equal to the one and one-third fare with limitations to continuous passage, which is the best concession that the New England railroads are willing to make.

I would like to hear from any in this section who think of making the trip to Asheville and shall be glad to furnish all desired information regarding transportation, etc., to such applicants. It is desirable that the attendance from the north should be as large as possible, and those who embrace this opportunity to visit the beautiful "Land of the Sky" in congenial company and at a low cost will not regret it. Please address

WM. J. STEWART,
79 Milk street, Boston.

Always mention the Florists' Review when writing advertisers.

CHRYSANTHEMUMS.

We have a large stock of fine plants from 2½-inch pots, ready to ship on short notice. Our selection of Standard Varieties, $20.00 per 1000; $12.00 per 500. Write for prices on large orders. Following is a partial list; send for complete list.

	Per 100		Per 100
T. Eaton	$4.00	H. A. Parr	$3.00
Nellie Pockett	8.00	R. Halliday	4.00
Lady Roberts	8.00	Major Bonnaffon	3.00
Mrs. E. D. Smith	6.00	Philadelphia	5.00
Golden Beauty	8.00	Modesto	3.00
Mrs Chamberlain	8.00	Nagoya	3.00
Mme. F. Bergmann	3.00	M. de Montmort	3.00
Willow Brook	3.00	Glory of the Pacific	3.00
Merry Monarch	3.00	Lady Harriott	6.00
Polly Rose	3.00	Maud Dean	4.00
G. S. Kalb	3.00	Xeno	3.00
Ivory	3.00	Geo. W. Childs	4.00
Mrs. J. Jones	3.00	Intensity	4.00

H. WEBER & SONS, OAKLAND, MD.
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WHOLESALE GROWERS .....OF..... Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.
WHOLESALE BULB GROWERS,
PETERSBURG, VA.
Mention The Review when you write.

Lily of the Valley!

The finest now ready to cut.

H. N. BRUNS, 1409-1411 West Madison Street, **CHICAGO.**

Fine Pips from Cold Storage $13.00 per 1000.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of
MACHINE WIRED TOOTHPICKS
10,000....$1.50; 50,000....$6.25

3000 6-Inch Wired Flag Sticks, $1.20
Samples free. For sale by dealers.

FEATHER GRASS

Excellent for bordering beds for tall growing plants. **Pennisetum Longistylum** (White Plumed), 2½ and 3-inch pots, $2.50 per 100. **Pennisetum Ruppellianum** (Purple Plumed), 2½-inch pots, $2 50 per 100.

SALVIA SPLENDENS, 300, $2.50 per 100.

BEGONIA REX, best varieties, in 2½ and 3-inch pots, $5.00 per 100.

NATHAN SMITH & SON, ADRIAN, MICH.

Always mention the Florists' Review when writing advertisers.

George M. Moss

WHOLESALE FLORIST.

Beauties, Brides, Maids, Carnations, Daisies, Sweet Peas, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.

EDWARD REID

WHOLESALE FLORIST.

Valley and all seasonable summer flowers.

1526 Ranstead Street, PHILADELPHIA.
Store closes at 6:30 P. M. Saturday 1 P. M.
Long Distance Telephone.
Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.
Long Distance Telephone.
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Eugene Bernheimer,

WHOLESALE FLORIST,
SPECIALTIES:
Carnations, Roses, Valley and Sweet Peas
1604 Ludlow Street,
Long Distance Telephone. **PHILADELPHIA, PA.**
Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

Cineraria, Giant Prize.....pkt., 50 cts.
Calceolaria, Grandiflora..... " 50 cts.
Primula, Chinese Fringed.... " 50 cts.
Cyclamen, Giganteum, 100 seeds, 75 cts.; 1000 seeds, $6.00.
Pansy, superb mixture.....oz., $5.00

W. C. BECKERT, Allegheny, Pa.
Mention The Review when you write.

Michigan Seed Co.

WHOLESALE GROWERS
GLADIOLUS, DAHLIA and CANNA
Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.
Mention The Review when you write.

Charles Millang, 50 W. 29th St. NEW YORK.

All through the early morning hours
I hear the music of the flowers,
And day and night their voices ring;
And this the song I hear them sing:—
"Long live Millang The Lily King!"

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to.
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mentioo The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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HERE IS A SLAUGHTER

PRICES BY THE HUNDRED.

MISCELLANEOUS BEDDING STOCK.

Ageratum, blue, 2¼-in	$2 00
Ageratum, P. P., 2¼-in	2.50
Cuphea, 2¼-in	2.50
Coleus, assorted, 2¼-in	2.00
Coleus, Verschaffeltii, P. & R., Golden Bedder, Her Majesty, 2¼ in	2.50
German Ivy, 2¼-in	2.00
Heliotrope, 2¼-in., $2 50; 3½-in., $4.00; 4 in.	6.00
Lobelia, 2-in	1.50
Lemon Verbena, 2-in	2.00
Marguerites, white, 3-in	4.00
Pyretheum, white, 3-in	4 00
Pyretheum, golden, 3-in	4.00
Single Petunias, in bloom 2¼-in., $2.00; 3-in.	3.00
Salvia, 2¼-in	2.00
Verbenas, Mammoth, 2¼-in., $2.00; 3-in	3.00
Vincas, 3-in., $1.00; 3½-in.	6.00

GERANIUMS.

Very strong and well established, 2¼-in., at $2.50 per 100 of the following varieties:

Alphonse Riccard, Atkinson, Beaute of Poitevine, E. G. Hill, Eliza, Frances Perkins, J. J. Harrison, La Favorite, Mountain of Snow, Mme. Salleroi, S. A. Nutt, Wonder. Our selection, $2 00.

L'Elegant, Mrs. Parker, Mars, Dryden, 2¼ in., $4 00 per 100.

America, 3½-in., $6.00 per 100.

Assorted Varieties, 2¼-in., $2 00; 3-in., $4 00; 3½-in., $5 00 per 100.

Red Bruant, S. A. Nutt, 3-in., $4 00; 3½-in., $5.00. Wonder, 3-in., $4 00 per 100.

Terms Cash or C. O. D.

GREENE & UNDERHILL

WATERTOWN, N. Y.

Mention The Review when you write.

YOU can plant at any time—Roses from 4 and 5-in. pots; Crimson Rambler, Gen. Jacqueminot, Coquette des Blanches, Clothilde Soupert, etc., fine clean plants, 9c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 2-year, from 5-in pots, 18c; 1 year, from deep 3-in., 9c. Clematis Paniculata, 2-year, from 5-in. pots, 10c; extra from 6-in., 15c. Japan Gold Leaf Honeysuckle, fine 3 and 4-in., 10c. Also nice 2-in. Centaurea gymnocarpa, 2c. Henderson's Snowball and Selected Erfurt Cauliflower from 2-in. pots, 2c. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

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W. & T. SMITH COMPANY, GENEVA, N. Y.

Wholesale Growers of Ornamental Trees Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

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Our strains of the following florist flower seeds have been selected with the greatest care and can be depended on to give the very best results.

	½ tr. pkt.	Trade pkt.
Cineraria, Dreer's Prize Dwarf, xxx fine	$0.60	$1.00
" " " Tall, " "	.60	1.00
" " Choice Dwarf, very good		.50
" " " Tall, " "		.50
Calceolaria, large flowering, tigered and spotted.	.60	1.00
	100 seeds.	1000
Cyclamen Giganteum, pure white	$0.75	$6.00
Rose, blood red, white, carmine eye	.75	6.00
Finest mixed	.60	5.00

CHINESE Fringed Primulas.

Full trade packets, any of the following, $1.00. Half-trade packets, any of the following, 60 cts. A trade packet contains from 500 to 1000 seeds according to variety.

Alba, pure white.
Alba magnifica, an extra fine white.
Rubra, dark red.
Chiswick Red, bright scarlet.
Rubra Violacea, irredescent red.
Rosy Morn, delicate pink.
Kermesina splendens, crimson.
Holborn Blue.
Fern-leaved, mixed.
Dreer's Choicest Mixed, an extra fine mixture of all the finest sorts.

HENRY A. DREER, PHILADELPHIA, PA.

Mention The Review when you write.

Asparagus Plumosus,

Strong plants from 2-inch pots,
$4.00 per 100; $30.00 per 1000.

Asparagus Sprengeri,

Strong plants from 2½-inch pots,
$3.00 per 100; $25.00 per 1000.

5,000 ENGLISH IVY,

Strong plants in 3-inch pots, $5.00 per 100; $35.00 per 1000.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

WE control the American market (**and don't forget it**) in Araucaria Excelsa. Three large consignments of this favorite pot plant arrived early in May. Our houses are now full of them. Notice the following low prices:

ARAUCARIA EXCELSA,

5-inch pots, 3 tiers, 10 inches high 50c
5½ " 3 " 10 to 12 inches high. 60c to 75c
6 " 4 " 15 to 18 " 75c to $1.00

Kentia Forsteriana, 25 to 28 inches high, 5½-in. pots, 5 leaves, 75c. **Kentia Belmoreana**, 20 inches high, 5½-inch pots, 5 leaves, 75c. All good, healthy stock. **Ficus Elastica** later. **Begonias**, tuberous rooted, fine color, 5-inch pots, $1.80 per doz. Mention if pots are wanted. Cash with order please.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 ONTARIO ST., PHILADELPHIA, PA.

Asparagus Plumosus

4-inch, strong, at $10.00 per 100.

SMILAX, 2-inch, strong, at $1.50 per 100.
Bone Meal, BEST for Florists' use. at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.

A Few Money Makers.

	100	1000
Asparagus Plumosus 2¼-in., strong	$5.00	$45.00
" 4-in	8.00	
" Sprengeri, heavy stock, 2½-in	4.00	
Smilax, strong, 2-in	1.50	12.00
" from flats	1.00	6.00

ALFRED G. FEHR, Belleville, Ill.

Mention The Review when you write.

CHICAGO TO ASHEVILLE.

The Chicago Florists' Club has, through President E. F. Winterson, arranged with the Big Four and Southern railways for the trip to the convention of the S. A. F. at Asheville, N. C., Aug. 19 to 22.

The party will travel from Chicago by special train on the Big Four road (C. C. C. & St. L. Ry.), leaving at 8:30 p. m., Sunday, Aug. 17, reaching Cincinnati early Monday morning. The morning will be spent in the Ohio city and at 2 p. m. the party will take a special train on the Queen and Crescent and Southern railways, reaching Asheville at 7 o'clock Tuesday morning. This train will go via Harriman Junction and Southern Railway, and will give an opportunity of passing through the famous "Blue Grass" section of Kentucky by daylight, with an early arrival at Asheville. Early risers will have an opportunity to view the famous French Broad River as the train winds up the mountains, and also to enjoy the beauties of "The Land of the Sky."

Sleeping car reservations made in advance. Send in your names, stating space wanted and number of people in your party. This is quite necessary, that all may have proper accommodations, and that arrangements may be made with the Pullman Sleeping Car Company for their very best cars. Address E. F. Winterson, 45 Wabash avenue, Chicago.

BALTIMORE.

The past week brought copious rains and a temperature abnormally low. Trade was active and good stuff of all sorts scarce. From this may be expected a few American Beauties which, the season considered, are of unusually good quality. Sweet peas continue to arrive in great abundance, and other outdoor flowers are quite sufficient for all demands.

The June weddings necessarily end with today (June 30), and the commencement season is over. The florists' windows are in their mid-summer garbs of green and all sorts of floral adornment are lacking.

Considerable interest is manifested in the forthcoming Asheville convention and from present appearances this section is likely to furnish a contingent very respectable in its proportions. The moderate fare is attractive, but it is too soon to give a list of those likely to attend.

R.

CANADIAN CONVENTION NOTES.

The time for holding the convention of the Canadian Horticultural Association has been set for September 3rd and 4th. This arrangement has been made so that the convention will be in session during the time of the Toronto Fair, and as Hamilton is only a short distance from Toronto, members living at a distance will avail themselves of the cheap fares which are in force during fair time.

The Hamilton Horticultural Society, and the Gardeners' and Florists' Club have made arrangements for holding a flower show convention week and have secured a large hall centrally located in which it is proposed to hold the trade exhibit and flower show. Already a number of trade exhibits have been promised from both American and Canadian firms.

L.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write

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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
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76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
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WHOLESALE AND COMMISSION Florists. Consignments Solicited
35 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
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J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
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Two Daily Shipments from my greenhouses.
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WM. DILGER, Manager.
Wholesale Florist Commission.
Full line of Florists' Supplies and Decorations
Special attention to shipping orders
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The Cincinnati Cut Flower Co.,
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Special Attention given to Shipping Orders.
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Our Stock Will Please Your Customers.

WE HAVE A FINE AND LARGE STOCK OF

KENTIAS, LATANIAS, ARAUCARIAS, ASPIDISTRAS, FERNS, BAY TREES and Miscellaneous **Decorative Stock.**

COOL GROWN AND IN EXCELLENT CONDITION.

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C. C. POLLWORTH CO., Milwaukee, Wis.

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Supply Everything Used by Florists, Nurserymen, Gardeners, Seedsmen..... Cemeteries, Parks, etc.

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Telephone Main 1129. **Chicago.**

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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316 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

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GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

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SMILAX, 2-inch, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., Utica, N. Y.

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C. RAYNER,

Anchorage Rose Houses, 632 4th Ave. Louisville, Ky.

Specialist for **S**ummer Grown Roses and Carnations.

ALSO HEADQUARTERS FOR

POT ROSES 2½-inch well-grown Maids and Brides, $2.50 per 100; $22.50 per 1000
3-inch, extra fine, Maids and Brides ... $4.00 per 100; $32.50 per 1000

CASH WITH ORDER.

Burpee's Seeds Grow

RUPP XXX SEEDS!

CHINESE PRIMROSE. Finest grown, large-flowering fringed; single and double; 15 varieties. Mixed, 500 seeds, $1.00; half pkt., 50 cts. **PANSY, FINEST GIANTS**—The best large-flowering varieties, critically selected. Mixed, 5000 seeds, $1.00; half pkt., 50 cts. **CINERARIA**—Finest large-flowering Dwarf. Mixed, 1000 seeds, 50 cts. **CALCEOLARIA**—Finest Dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c.

Cash. A pkt. of ever-blooming Forget-Me-Not "Constance" added to every order.

JOHN F. RUPP, The Home of Primroses, SHIREMANSTOWN, PA.

HOLTON & HUNKEL CO.

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MILWAUKEE, - WIS.

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The Best Variegated Foliage Plant to-day is

PANDANUS VEITCHII.

Fine plants, bench pots, $12.00 a doz.
Also larger sizes at $1 50 and $2.00 each.

JOHN WELSH YOUNG, GERMANTOWN,

Upsal Station, Penna R. R. PHILADELPHIA, PA.

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YOU WILL FIND.....ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Floriats

Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

TOMATO—In variety, 15c per 100; $1.00 per 1000.

PEPPER and **EGG**—25c per 100; $2.00 per 1000.

KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss curled, 40c per 100; $2.50 per 1000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes Emersoni, 2-in. pots, $2.00 per 100; rooted cuttings, 75c per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratum, blue, 2¼-in., $2.00 100. Princess Pauline, 2¼-in., $2.50 100. Greene & Underhill, Watertown, N. Y.

ALTERNANTHERAS.

Alternantheras, red; fine plants, $2.00 per 100. Cash. Geo. E. Fancourt, Kingston, Pa.

Alternantheras, 2-in. pots, $2.00 per 100.
R. Vincent, Jr. & Son, White Marsh, Md.

AMPELOPSIS.

Ampelopsis quinquefolia, 5-in., extra strong $5.00 doz. Bobbink & Atkins, Rutherford, N. J.

ARAUCARIAS.

ARAUCARIA EXCELSA.

Pots.	High.	Tiers.	Each.
4-inch	5 to 7 inches	2	$0.35
5-inch	8 to 10 inches	3	.50
6-inch	10 to 15 inches	3 to 4	.75
6-inch	16 inches	4	1.00
6-inch	20 inches	4 to 5	1.25
7-inch	24 inches	4 to 5	1.50

ARAUCARIA EXCELSA GLAUCA.

Pots.	High.	Tiers.	Each
5-inch	8 to 10 inches	2	$0.75
6-inch	12 inches	2 to 3	1.00
6-inch	15 inches	3	1.25
7-inch	18 inches	4	1.50

ARAUCARIA ROBUSTA COMPACTA.

Pots.	High.	Tiers.	Each.
6-inch	10 inches	2 to 3	$1.25
6-inch	12 inches	3	1.50

H. A. DREER, 714 Chestnut St., Philadelphia.

Araucaria excelsa glauca, 5-in., 3 tiers, $9.00 doz.; 7-in., 4 tiers, $24.00 doz. Araucaria excelsa, 7-in., 5 tiers, $24.00 doz. Bobbink & Atkins, Rutherford, N. J.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. We devote twelve large houses to this specialty. 2-in., immediate delivery, $4.00 per 100; $35.00 per 1000; 5000 for $150.00. Cut strings of asparagus at any time, $6.00 per doz.; $50.00 per 100. Asparagus, long sprays, $2.00 per 100; $20.00 per 1000. Sprengeri, 2-in., $3.00 per 100; $25.00 per 1000.
Emerson C. McFadden, Telephone, 28A, Short Hills, Short Hills, N. J.

Asparagus plumosus nanus, from 2½-in. pots, just the thing for fern dishes or planting out, pays better than ferns to cut from, $3.75 per 100; $35.00 per 1000. Strong stock from 3-in. pots, will go right ahead to cut from if planted out now, $8.00 per 100. Cash with order.
JOSEPH TOWELL, Paterson, N. J.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000; A. Sprengeri, strong plants, 2½-in. pots, $3.00 100, $25.00 1000. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, 2½-in., strong, $5.00 100, $45.00 1000; 4-in., $8.00 100. A Sprengeri, heavy stock, 2½-in., $4.00 100. A. G. Fehr, Belleville, Ill.

Asparagus Sprengeri, 4-in., good stock, $6.00 100. Asparagus plumosus, 4-in., good stock, $8.00 100. Hull Floral Co., Morris, Ill.

Asparagus plumosus nanus, fine, strong stock from our own seed, $7.00 per 100. Van Wert Greenhouses, Van Wert, Ohio.

Asparagus Sprengeri from flats, once transplanted, $1.00 per 100. Hoffman Bros., 768 Glisan St., Portland, Ore.

Asparagus Sprengeri, strong plants, 4-in., $8.00, 2-in. $2.00 per 100. A. Schmitt, Glenville, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2-in., $2.00 100. Cash. Geo. L. Miller, Newark, O.

Asparagus plumosus, $3.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 4-in., $10.00 100.
Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 4-in., $12.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra, fine stock, $1.50 per 100 leaves; 50 at 100 rate. Haskell Ave. Floral Co., Dallas, Tex.

ASTERS.

Semple's white, purple, rose and shell pink; separate colors, $2.50 per 1000; all colors, mixed, $2.00 per 1000; 4000 for $5.00.
Comet, Daybreak and Ostrich Feather, varieties and colors mixed, $2.50 per 1000, 35c per 100.
Special prices on large lots of mixed varieties. A. & G. Rosbach, Pemberton, N. J.

Asters. Transplanted plants of Semple's mixed colors; Victory, Giant Comet, Trauffaut's Perfection, mixed. Fine plants, 40c per 100, $4.00 per 1000. Cash.
T. C. Breece, West Berlin, O.

Asters, transplanted plants of Giant Comet White, Semple's Branching, Carlson's Impr., Daybreak and Purity, 60c per 100, $4.00 per 1,000. Delivered free at your station for cash with order. Henry Diers, Sibley, Ill.

A few thousand white and pink aster plants left. Best tall-branching from seed bed, $2.00 1000; transplanted plants, $3.00. Strong, sturdy plants. S. J. Galloway, Eaton, Ohio.

First-class aster plants of Semple's Branching and Queen of the Market, separate colors, 50c 100, $4.00 1000. Harry White, R. D. No. 6, Wabash, Ind.

Asters. Transplanted plants of Semple's, strong, ready to set out, 50c per 100. W. G. Haebich, Auburn, Ind.

Vick's and Semple's Branching and Paeony Perfection from 2½-in. pots, $1.00 100. Swan Floral Co., Findlay, O.

Semple's white, Victoria, Perfection and Comet, 25c 100. Cash. Mrs. Griswold, Worthington, O.

BAY TREES.

STANDARD and PYRAMID
Bay Trees. Cheapest and finest in the trade
Price list on demand.
DE SMET BROS., Nurserymen, Ghent, Belgium.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

BEDDING PLANTS.

1700 Geraniums, Andrew, bright pink, semi-double, one of the best bedders, out of 4-in. pots, 6c.
1200 Geraniums, Andrew, bright pink, semi-double, one of the best bedders, out 3½-in. pots, 5c.
500 Geraniums, double white, out 4-in. pots, 6c.
1500 Geraniums, assorted colors, out 4-in. pots, 5c.
500 Scarlet Sage, strong plants, out 4-in. pots, 5c.
500 Ageratum, Princess Pauline, light blue, the best bedder, out 3½ and 4-in. pots, 5c.
300 Fuchsia, single flower, good bedding sort, out 5-in. pots, 7c.
1500 Alternanthera, red, 2½c.
700 Alternanthera, yellow, 2½c.
125 Pink Rambler Roses, strong plants, 5 and 6-in. pots, 15c.
50 Yellow Rambler Roses, strong plants, 5 and 6-in. pots, 15c.
50 Empress of China, strong plants, 5 and 6-in. pots, 15c.
All plants offered out of pots. Roses can remain in if so desired. Cash with order.
C. RIBSAM & SON, Trenton, N. J.

ALL GOOD PLANTS.
Geraniums, S. A. Nutt, Bruant, La Pilote and other good vars., 3½-in. pots, $5.00 per 100; S. A. Nutt, 2½-in., $2.50 per 100. Heliotrope, 3 vars., 3½-in., $5.00 per 100. Cannas, C. Henderson, Mme. Crozy, Paul Marquant, F. Vaughan, fine plants, 4-in., $5.00 per 100. Vinca Vines, 3-in., $3.00 per 100. Scarlet Sage, Ageratum, dwarf blue, Browallia, Parlor Ivy, Torenia Asiatica, Thunbergia, Lobelia Crystal Palace Gem, all 2½-in., $2.50 per 100.
Cash with Order.
Wm. J. Chinnick, Trenton, N. J.

Coleus. Crimson Verschaffeltii, Golden Bedder and others, 2-in. pots, $1.00 per 100; $10.00 per 1000.
Alternantheras, P. Major (red) and A. Nana (yellow), 2-in. pots, $1.00 per 100; $10.00 per 1000.
Giant Sweet Alyssum, 2-in. pots, $1.50 per 100.
Cash with Order.
C. A. Harris & Co., Delanson, N. Y.

	Per 100
Ageratum, blue and white, 3½-in.	$ 4.00
Double Petunias, 4-in.	5.00
Fuchsia, large	5.00
Heliotrope, 4-in.	8.00
Salvia, strong, 2½-in.	3.00
Salvia, strong, 3½-in.	6.00
Geraniums, 4-in.	7.00
German Ivy, 3-in.	2.50
Alternanthera, red or yellow, 2-in.	2.00
Achyranthes, red, 2½-in.	2.00
Achyranthes, red, 3½-in.	4.00
Caladium, 5-in.	15.00
Caladium, 6-in.	20.00
Cannas, 5-in.	8.00
Asters, separate colors, 2-in.	2.00
Coleus, strong, 2½-in.	3.00
Dusty Miller, 3-in.	3.00
Mme. Salleroi, 2-in.	2.00
Mme. Salleroi, 3½-in.	4.00

Cash with Order.
L. J. ROWE, Titusville, Pa.

	Per 100
Geraniums, best bedders in bloom; double scarlet and double pink, 4-in., $4.00; 3-in.	$2.00
Fuchsias, in bloom, in var., 4-in.	5.00
Coleus, in variety, 2½ and 3-in.	2.00
Torenia Belfordii, in bloom, 3-in.	2.00
Tradescantia quadricolor, in bloom, 3-in.	3.00
Begonia Vernon, in bloom, 2½-in.	2.00
Lantana, Bouton d'Or, 3-in.	2.50
Umbrella plants, 3-in.	3.00
Lobelia, Kaiser Wilhelm, 3-in.	2.00

Cash with Order.
John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

SPECIAL PRICE LIST.

	100
Geraniums, Queen of the West, single scarlet, 4-in. pot	$3.00
3-in. pot	2.00
Solanum, white, flowering, 3-in. pot	2.00
Heliotrope, blue, 3-in. pot	2.00
Giant Sweet Alyssum, 2½-in. pot	2.00
Achyranthes, red and yellow, 2½-in. pot	2.00
Salvia Splendens, 2½-in. pot	2.00
Asparagus Sprengeri, 3½-in. pot	5.00
Bride rose plants, 2½-in. pot	2.50
Burbank Cannas, 4-in. pot	4.00
1000 Verschaffeltii and 1000 assorted Coleus, from 2½-in. pots	1.50

B. FRANK BARR, Lancaster, Pa.

Look at this, Geraniums.—S. A. Nutt, double and single Gen. Grant, Mrs. E. G. Hill, La Favorite and others, 3-in. pots, $4.00 per 100; 4-in., $6.00 per 100. Mme. Salleroi, fine, 2½-in. stock, $4.00 per 100.
Cannas.—Chas. Henderson, strong, 4-in., $5.00 per 100.
Coleus.—Fine, from 2½-in. pots, 6 varieties, $2.50 per 100.
English Daisies.—Pot grown, $3.00 per 100.
A nice lot of Dracaena Indivisa, 24 to 30 in. high from top of pot. $5.00 per doz. Cash, please.
L. C. Holton, Bennington, Vt.

	Per 100.
Geraniums, 3½ and 4-in., bud and bloom	$5.00
Centaureas, 2½-in.	1.50
Alternantheras, red and yellow	1.25
Lobellas, trailing, blue, 2½-in.	1.00
Coleus, mixed, 2½-in.	1.50

WILLIAMS & SONS CO., Batavia, Ill.

Alternanthera P. Major, well-colored, fine stock, 2-in., $2.00 100; $15.00 1000.
Coleus Golden Bedder and Verschaffeltii, 2½-in., $1.50 100.
Variegated border geranium, Mme. Salleroi, fine stock, 2-in., $2.00 100.
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Alternantheras, 2¼-in. pots; 4000 Yellow, 3000 Versicolor, 4000 Paronycholdes, $20.00 per 1000; 1500 Hermsdorff, $25.00 per 1000.
Cannas, all leading varieties, 5-in. pots, $8.00 to $10.00 per 100.
CHARLES E. KOCH, 326 Clarkson Street, Flathush, Brooklyn, N. Y.

Geraniums, 4-inch, $4.50 per 100, 2½-in., $2.50 per 100. Alternanthera, red and yellow, $1.00 per 100. Cash, please.
PARKVILLE NURSERIES, Coney Island Avenue, Brooklyn, N. Y.

La Favorite ger., 4-in., $5.00. Mme. Salleroi, $2.50. Rex Begonias, 2-in., $3.00. Antherlcums, 3-in., $2.00. Cash. Dann & Son, Westfield, N. Y.

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Begonias. Tuberous rooted, single (1¼-1½-inch bulbs), in separate colors, 20c per doz.; $1.10 per 100; $10.00 per 1,000. This exceptional offer is made to clear the stock.
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Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

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Rooted Cuttings. Estelle, $5.00; Lawson, $4.00; Marquis and Elm City, $2.00; Crocker and Lord, $1.00 per 100. Other varieties on application.
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5000 Carnations from flats, Scott and Crocker, $1.00 100, $8.00 1000. Last chance. Cash. Benj. Connell, West Grove, Pa.

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CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

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Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

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Chrysanthemums, the largest and finest stock in the country.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
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Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
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October Sunshine	2.00	2.50
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Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
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Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whilldin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00
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Montmort	1.30	2.00
Glory Pacific	1.30	2.00
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Xeno	2.00	2.50
Morel	1.50	2.00
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Pink Ivory		
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Defender	1.50	2.00
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No order filled for less than $2.00, or less than 10 of a variety.
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T. Eaton	$4.00	George S. Kalb	$3.00
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Our selection of standard varieties, $20.00 per 1000; $12.00 per 500. Send for complete list.
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2½-in. pots, 30c per doz., $2.00 per 100. 1000, our selection, of from 15 to 20 kinds, for $15.00.

Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.
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1000 surplus 'mum plants. Timothy Eaton, 2½-in., 3c; 3-in., repotted, 5c. Major Bonnaffon, white and pink Glory of Pacific, F. B. Hayes, etc., 2 and 2½-in., 3c; 3-in., fine, bushy, repotted, 4c; 500 in variety, $15.00. These are all in fine condition, low, bushy and clean and are good value for your money. Cash with order.
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Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Nivens, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs Perrin and Mrs. E. G. Hill.
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200 Yellow Queen, 25 Simpson, 50 Golden Plume, 25 Pres. Smith, 25 Merry Monarch, 25 Belle Point, 40 Hallock, and other good varieties, 500 in all, 2½ and 3-in. pots; the lot for $10.00, or $2.50 100. Geo. M. Brinkerhoff, Springfield, Ill.

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Rooted Eaton cuttings from young plants—the kind that will grow—$2.00 100, and we prepay charges if you send the cash. A postal brings bac your money if you are not satisfied. Wm. Geenen, Kimberly, Wis.

5,000 chrysanthemums, stocky 2-in., of the following varieties at 2c: Golden Wedding, Chadwick, Robinson, Yanoma, Silver Wedding, Lady Fitzwigram, Appleton, Eaton, 3c. Joy & Son Co., Nashville, Tenn.

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Chrysanthemums, E. G. Hill, Modesto, Maud Dean, Bonnaffon, Yanoma, Bigelow, Robinson, Bloodgood and Ivory, 2½-in., $2.00 100, $15.00 1,000. A. D. Montgomery, Hazelton, Pa.

Chrysanthemums. All good commercial varieties. R. C., $1.00 per 100; 2½-in., $2.50 per 100. Send for list. Krueger Bros., Toledo, O.

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Coleus. 300 Verschaffeltii, 2½-in., good, stocky, $2.50 100; the 300 for $7.00. 400 rooted cuttings of same, 50c 100. Mixed varieties, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

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Coleus, 20 standard varieties, 2-in., $2.00 per 100. Cash.
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Coleus, 3-in., $2.00 100.
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Cyclamen giganteum, extra fine strain and plants; in separate colors, ready in July; 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

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Burbank's Shasta daisy. Plants, 25c each, $2.50 doz., $15.00 100, $100.00 1,000; 25 at 100 rate, 500 at 1,000 rate. California Carnation Co., Loomis, Cal.

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Marguerites, white, 3-in., $4.00 100.
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200 Dracaena indivisa, 6-in. pots, 3 ft. 6 in. high, full heads, fine for vases, $15.00 per 100; $2.00 per dozen.
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Dracaena indivisa, good stock, 2¼-in., $2.25 per 100 Cash. Hull Floral Co., Morris, Ill.

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ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.
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100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
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Feverfew, 3-in. strong, in bud and bloom, $3.00 100.
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Gazania splendens, 3-in., bud and flower, $5.00 per 100. E. & C. Woodman, Danvers, Mass.

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Genista racemosia, 3-in., $3.00 100.
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Double scarlet, pink, salmon and white geraniums, strong plants in bloom, 4-in. pots, $6.00 100. Mrs. Geo. Waldhauer, 1317 No. Mich. Ave., Saginaw, W. S., Mich.

Geraniums. To close out balance of stock. All leading varieties from 4-in. pots, in bud and bloom, $4.00 per 100; $35.00 per 1000. Cash with order.
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Our geraniums that have been bedded in on the shelf are equal to 4 or 5-in. pot plants and we sell 'em at $3.75 100. We pack light. E. I. Rawlings, Quakertown, Pa.

500 geraniums, mostly S. A. Nutt, fine bedding size in bud and bloom, 3½, 3 and 2½-in. pots at $10.00 the lot, or $2.50 100. Mrs. M. Cavanaugh, Ionia, N. Y.

Geraniums, strong, well-established plants of leading varieties at $2.50 100; our selection, $2.00 100. Greene & Underhill, Watertown, N. Y.

3,000 S. A. Nutt in 4-in. pots, in bloom and ready for planting, $5.00 per 100. J. Bennett, Blue Point, L. I., N. Y.

Geraniums. Assorted, single and double, in bud and flower, 3-in., $6.00 100. E. & C. Woodman, Danvers, Mass.

Geraniums, 20 leading sorts, 2¼-in., $2.00 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums in bloom, fine stocky plants, 4-in., $6.00 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

4000 assorted geraniums, 3½ and 4-in. pots, $40.00 per 1000 until sold.
Wm. A. Bock, No. Cambridge, Mass.

1,000 Mme. Salleroi geraniums, 3½-in., $4.00 100. Cash. C. L. Howe, Dover, N. H.

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Cut Galdioli Stalks, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.
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Gladioli bulbs, 50c per 100.
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Ampelopsis Veitchii, 1 year. No. 1, $3.00 per 100; $15.00 per 1000. No. 2, $1.50 per 100; $10.00 per 1000.

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Calycanthus Floridus, 1 year. No. 1, $2.00 per 100; $10.00 per 1000. No. 2, $1.00 per 100; $5.00 per 1000.

Azalea, Amoena and Viburnum Tomentosum, well rooted cuttings, $2.50 per 100; $20.00 per 1000.

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Norway Maples, 3 to 4 inches caliper, 14 to 15 ft. in height. We have a fine block of 2000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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ENDTZ, VAN NES & CO.,
BOSKOOP. Catalogue free. HOLLAND.

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Heliotropes, 2¼-in., $2.50; 3½-in., $4.00; 4-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

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Japan Gold-leaf honeysuckle, fine 3 and 4-in., 10c. W. H. Salter, Rochester, N. Y.

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2000 Hydrangea Otaksa, in 2½-in. pots, 2½c. each. Also some in 5 and 6-in. pots, prices on application. P. Stier, 53d St. and Boulevard, Bayonne City, N. J.

Hydrangea Otaksa in tubs, fine plants for decorations, $3.00 each. Bobbink & Atkins, Rutherford, N. J.

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English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

German Ivy, 2¼-in., $2.00 100. Cash.
Greene & Underhill, Watertown, N. Y.

LILY OF THE VALLEY.

Finest Lily of the Valley pips from cold storage, $13.00 per 1000. H. N. Bruns, 1409-1411 West Madison St., Chicago.

LOBELIAS.

Lobelias, 2-in., $1.50 100. Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Mushroom spawn, very vigorous, gives extra large and heavy mushrooms. Paul Swanson, 2747 47th St., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

MYRTLE.

1,800 extra heavy myrtle plants from 2½-in. pots, $3.00 100, $25.00 1000; rooted cuttings from flats, $1.50 100. Chas. Schweigert, Niles Center, Ill.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.
Hall's Nurseries, Cherry Valley, Ill.

PAEONIES—September shipments.
J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for cet cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.
Wanted—500 small asparagus plumosus nanus in exchange for above.
W. J. HESSER, PLATTSMOUTH, NEB.

Phoenix reclinata in tubs, 5 ft., $7.50 ea.; 6 ft., $10.00 ea. Kentias Forsteriana and Belmoreana in all sizes. Bobbink & Atkins, Rutherford, N. J.

Phoenix, 4 and 5-in., $30.00 100. Kentias Forsteriana and Belmoreana, strong 3-in., $15.00 100. Pandanus utilis, 3-in., $15.00 100.
Williams & Sons Co., Batavia, Ill.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Zirnglebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirngiebel, Needham, Mass.

PEPPERS.

Oriental Peppers, strong 3-in. pot plants, in fruit, $2.00 per 100; 50 at 100 rate. Haskell Ave. Floral Co., Dallas, Tex.

Oriental Peppers, fine 2-in. stock, 6 best varieties, $2.00 per 100. J. F. Kidwell & Bro., 3806 Wentworth Ave., Chicago.

PETUNIAS.

Single petunias, in bloom, 2¼-in., $2.00, 3-in. $3.00 100. Greene & Underhill, Watertown, N. Y.

Petuniaa, double and single, fringed, 2½-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias. Single, in bud and flower, 2-¼-in., $3.00 100. E. & C. Woodman, Danvers, Mass.

PRIMULAS.

Chinese obconica grandiflora and Forbesi, 2-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

PYRETHRUMS.

Pyrethrum, white and golden, 3-in., $4.00 100.
Greene & Underhill, Watertown, N. Y.

ROSES.

SURPLUS ROSES.

		100.
400 American Beauty,	3½-inch....	$8.00
100 La France,	3½-inch....	6.00
200 White La France,	3½-inch....	6.00
200 American Beauty,	2½-inch....	5.00
300 La France,	2½-inch....	3.00
200 White La France,	2½-inch....	3.00
500 Golden Gate,	2½-inch....	3.00
400 Perle,	2½-inch....	3.00
100 Bride,	2½-inch....	3.00

The following from 2½-inch pots at $2.50 per 100:

Mme. Jos. Schwartz,	Empress of China,
Suzanne Blanchet,	Henry M. Stanley,
Mlle. F. Krueger,	Etoile de Lyon,
Hermosa,	Marie Guillot,
Niphetos,	Jean Perpet,
Mme. Etienne,	Pearl Rivers,
Clothilde Soupert,	Pink Soupert,
Leonie Osterrieth,	Marechal Niel.
Glorie de Dijon,	Climbing Wootton.

NANZ & NEUNER, Louisville, Ky.

Roses for winter flowering. Fine, healthy stock from select cuttings.

Wootton,	Bon Selene,
Safrano,	Papa Gontier,
Maid,	Mme. Hoste,
Golden Gate,	Kaiserin.
Bride.	

3-in., $7.00, 4-in. $10.00 per 100.
Sunrise and Liberty, 3-in., $9.00.
4-in., $12.00 per 100.
GRAFTED ROSES. Kaiserin and Golden Gate, 3½-in., $15.00 per 100.
J. L. DILLON, Bloomsburg, Pa.

Clearance sale of young rose plants.
3000 Maids, 3-inch.....$30.00 per 1000
1000 Maids, 2-inch..... 20.00 per 1000
1000 Liberties, 3-inch..... 100.00 per 1000
500 Brides, grafted, 3-inch.... 100.00 per 1000
500 Maids, grafted, 3-inch..... 100.00 per 1000
Fully guaranteed to be in first-class condition in every respect.
250 at 1000 rate.
All plants shipped from Hinsdale, Ill.
BASSETT & WASHBURN, 76 Wabash Ave., Chicago.

		100.	1000.
American Beauties,	3-in.	$8.00	$75.00
Brides,	3-in.	4.00	35.00
Perles,	3-in.	4.00	35.00
Golden Gates,	3-in.	4.00	35.00
Perles,	2½-in.	2.50	20.00
Golden Gates	2½-in.	2.50	20.00

All plants sold under express conditions that if not satisfactory when received they are to be returned immediately, when money will be refunded.
P. REINBERG, 51 Wabash Ave., Chicago.

Well-grown rose stock in perfect condition to plant:

	100	1000
American Beauties, 3-in.....	$8.00	$75.00
Perles, 3-in	5.00	50.00
Meteors, very fine, 3-in.....	4.00	35.00
Golden Gates, extra fine, 3-in.....	5.00	50.00
Brides, 3-in.	5.00	45.00
Brides, 2¼-in.	3.00	25.00
Maids, 3-in.	5.00	45.00
Maids, 2¼-in.	3.00	25.00

W. H. GULLETT & SONS, Lincoln, Ill.

ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	Per 1000	3-in. Per 1000
Maids	$3.00	$25.00	$40.00
Brides	3.00	25.00	40.00
Meteors	3.00	25.00	40.00

Golden Gates, 2½-in., $3.00 per 100, $25.00 per 1000; 3-in., $4.50 per 100, $40.00 per 1000.
American Beauties, 3-in., $8.00; 2½-in., $5.00 100. Perles, 3½-in., $6.00 100.
POEHLMANN BROS. CO., Morton Grove, Ill.

Strong, thrifty rose plants, from 3½-inch pots. Also Geraniums; 1000 Beauties, at 7c each; $65.00 per 1000; 100 Sunsets, 6c each; 800 G. Gates, 6c each; 300 Hoste, 6c each; 200 Maids, 6c each; 300 Meteors, 6c each; 2,000 geraniums, 6c assorted.
P. R. QUINLAN & CO., 904 W. Genesee, Syracuse, N. Y.

SURPLUS ROSES, out of 3-in., grown for our own planting and are first-class; we guarantee them; 500 Meteors, 500 Maids, 200 Brides, 200 Kaiserins and 200 Golden Gates at $3.00 per 100; 200 Beauties, 25 Liberties at $6.00 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

Rose plants, cheap to close out. Nothing but good stock shipped.

	100.	1000.
American Beauties, 2-in.....	$5.00	$40.00
Bridesmaids, 2-in.	2.50	20.00
Meteors, 2-in.	2.50	20.00

J. A. BUDLONG, 37-39 Randolph St., Chicago.

Strong, healthy rose plants. Per 100
300 American Beauties, 2½-in. pots.....$6.00
700 Brides, 2½-in. pots..... 2.50
200 Maids, 2½-in. pots..... 2.50
We guarantee satisfaction or money will be refunded.
JOSEPH LABO, Joliet, Ill.

Roses, No. 1 stock.	Each.
500 Brides, 4-in. pots	6c
500 Maids, 4-in. pots	6c
300 Brides, 3-in. pots	4c
500 Maids, 3-in. pots	4c

JOY & SON CO., Nashville, Tenn.

ROSE PLANTS—SPLENDID STOCK.
Golden Gates 3-in.....$ 5.00 per 100
Maids, 3-in..... 5.00 per 100
Brides, 3-in..... 5.00 per 100
Beauties, 3-in..... 10.00 per 100
BROWN & CANFIELD, Springfield, Ill.

SUNRISE has always taken a premium wherever shown; will be planted more generally than last season; 2¼-in. pots, $10.00 per 100; 3-in., $15.00 per 100.
Myers & Samtman, Chestnut Hill, Phila., Pa.

Surplus stock of forcing roses, in 2½-in. pots, carefully grown and intended for our own use: Bride and Maid, $2.50 100; Kaiserin, Meteor and Aug. Guinessean, $3.00 100. J. B. Heiss, Dayton, Ohio.

SURPLUS ROSES, of all the leading varieties, in 2 by 2½, 2½ by 3-in. and 3-in. pots. Let us know your wants—we will make the price right. Geo. A. Kuhl, Pekin, Ill.

Roses from 3-in. pots, healthy plants—Am. Beauty, Bride, Maid, Wootton, La France and Golden Gate, cheap for CASH. Jos. Heinl, Jacksonville, Ill.

Kaiserin rosea, strong plants from 2½-in. pots, $3.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

AMERICAN BEAUTIES, 2¼-in., $60.00 per 1000; 3-in., $10.00 per 100; 4-in., $15.00 per 100. Ready for immediate shipment.
Myers & Samtman, Chestnut Hill, Phila., Pa.

Am. Beauties, 3-in., best.....$6.00 per 100
Am. Beauties, 3-in., 2nds..... 5.00 per 100
Cash with order.
CHAPIN BROS., Lincoln, Neb.

We have 3000 fine METEOR rose plants in 3½-in. pots to spare at $60.00 per 1000; $7.00 per 100. Cash with order, please.
Benjamin Dorrance, Dorranceton, Pa.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

AMERICAN BEAUTIES, 2½-in., $6.00 100. KAISERINS, 2½-in., $3.50 100. Choice, clean, healthy stock.
C. C. POLLWORTH CO., Milwaukee, Wis.

Bride, Bridesmaids, Perle and Golden Gate roses, 4-in., $8.00 per 100.
Geo. L. Parker, Washington & Rockwell Sts., Boston, Mass.

5000 healthy Bride and Bridesmaid roses at $4.00 per 100; $35.00 per 1000. 500 at 1000 rate. Cash with order. W. T. Hillborn, Newtown, Pa.

Maids and Brides, 2½-in., well-grown, $2.50 100, $22.50 1000; 3-in., extra fine, $4.00 100, $32.50 1000. Cash. C. Rayner, Anchorage, Ky.

Maman Cochet roses, strong plants, 4-in., $12.00; 2-year-old, $15.00 100. C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Rose plants. Meteor, 2½-in., $3.50 100; Golden Gate and Kaiserin, 4-in., $8.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Crimson Rambler, Gen. Jacqueminot, C. des Blanches, C. Soupert, etc., fine, clean plants, 9c. W. H. Salter, Rochester, N. Y.

Golden Gate Roses, 3-in. pots, fine plants. $4.00 per 100; $35.00 per 1000. Ruxton Floral and Nursery Co., Ruxton, Md.

American Beauty, 3-in., $7.00 100; 3-in., seconds, $5.00 100. Crabb & Hunter, Grand Rapids, Mich.

Roses, Brides and Maids, 2¼-in., $2.50 100, $20.00 1000. Joseph Bradbury, South Orange, N. J.

Golden Gate Roses. Nice plants in 3 and 3½-in. pots, $65.00 per 1000.
ROBERT SIMPSON, Clifton, N. J.

Roses from 2½-in., pots. PERLES, $3.50 100; BRIDES, $3.00 100.
W. R. Sands, Lake Roland, Baltimore, Md.

500 strong, 3-in. American Beauty rose plants, $7.00 100. P. L. Larson, Fort Dodge, Iowa.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Rubber plants, large-leafed, red-ribbed variety, 1st size $20.00 100, $175.00 1000; 2nd size $15.00 100, $135.00 1000. Bobbink & Atkins, Rutherford, N. J.

Rubber plants, per doz.—12-in., $2.50; 18-in., $3.50; 18 to 24-in., $5.00; 24 to 30-in., $7.00; 30 to 36-in., $9.00. Joseph Heinl, Jacksonville, Ill.

Top cuttings of Rubbers, 5 to 8 leaves, well rooted, out of 3-in. pots, $15.00 per 100.
A. C. OELSCHIG, Savannah, Ga.

SALVIAS.

Salvias, 2¼-in., $2.00 100. Greene & Underhill, Watertown, N. Y.

Salvia splendens, $2.50 per 100. N. Smith & Son, Adrian, Mich.

SANTOLINAS.

Santolinas for border or ribbon bedding, 750 plants, 2½-in., $2.00 100. Cheap. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SEEDS.

SEEDS. Chinese primrose, large-flowering fringed, single and double. Mixed, 500 seeds $1.00, half pkt. 50c. Pansy, large-flowering varieties. Mixed, 5000 seeds, $1.00, half pkt. 50c. Cineraria, large-flowering dwarf. Mixed, 1000 seeds 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Cash. A pkt. of new ever-blooming forget-me-not, "Constance," added to every order.
John F. Rupp, Shiremanstown, Pa.

Pedigreed seed from Rosecroft Gardens. Asparagus plumosus, $1.00 100, $6.00 1000. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed, $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Dreer's Reliable CINERARIAS, PRIMULAS, etc. Our strains have been selected with the greatest care and can be depended on to give the very best results.
For varieties, colors, prices, etc., see displayed adv. in this issue, or write for our catalogue.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Johnson & Stokes' Kingly Collection Pansy seed is THE prize strain. A trial order will convince you. Pkt, 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; ¼ oz., $1.25; oz., $5.00.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Gold medal pansy, Mme. Perret, finest for cut flowers, won gold medal at Pan-American Exposition; the seed was supplied by me; same quality furnished; trade pkt. 50c, oz. $5.00. Giant Trimardeau, mixed, oz. $2.00. Other varieties at market prices.
BEAULIEU, Woodhaven, N. Y.

Pansy seed, new giant Mme. Perret, true stock, 50c trade pkt., $5.00 oz. Our choicest mixture of the best strains, 50c trade pkt., $1.25 ⅛ oz., $2.00 ¼ oz. Walter Mott Seed & Bulb Co., Jamestown, N. Y.

Seeds. Giant Prize cineraria, Calceolaria grandiflora and fringed Chinese primula, 50c pkt. Cyclamen giganteum, 100 seeds, 75c; 1000 seeds, $6.00. Pansy, superb mixture, $5.00 oz.
W. C. Beckert, Allegheny, Pa.

New crop Palm, Dracaena and Eucalyptus seeds. Also Roemer's superb Prize Pansies.
Chas. Winsel, 247 South Main St., Los Angeles, Cal.

Michell's Marvelous Mignonette seed, the largest yet introduced; pkt. of 1,000 seeds. $1.00.
H. F. Michell, 1018 Market St., Philadelphia, Pa.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Zirngiebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirngiebel, Needham, Mass.

SMILAX.

SMILAX PLANTS. 1500 strong, bushy plants from 2½-in. pots, ready now, $2.50 per 100. Cash. H. P. Owen, Box 84, Toughkenamon, Pa.

Smilax, 2-in., strong, bushy plants, $1.00 100, $9.00 1,000. Cash, please. Mail sample, 10c. R. Kilbourn, Clinton, N. Y.

CUT SMILAX, 6 to 7 ft. long, very fine and clean, $15.00 100. Express prepaid. Cash.
Chas. Pommert, Amelia, Ohio.

Smilax, fine plants from 2¼-in., ready for planting, $1.25 100, $10.00 1000. Buckley Plant Co., Springfield, Ill.

1500 bushy 3-in. smilax, ready to bench at once, $2.50 per 100. Cash with order. Roney Bros., West Grove, Pa.

SMILAX—Continued

Smilax, transplanted from flats, strong, $1.00 100; $7.50 1000. Sample free. Huss Floral Nursery, Augusta, Ga.

Smilax, strong 3-in., ready for shift, $2.00 per 100, $12.00 per 1000. Haskell Ave. Floral Co., Dallas, Tex.

Smilax, strong 2-in., $1.50 100, $12.00 1000; from flats, $1.00 100, $6.00 1000. A. G. Fehr, Belleville, Ill.

600 choice, 2½-in. smilax in fine shape, $2.00 100. Cash with order. Chapin Bros., Lincoln, Neb.

2000 smilax plants, strong 2½-in., $3.00 100. Murray The Florist, 403 Main St., Peoria, Ill.

Smilax, 2-in., strong plants to close out, $1.00 100; $8.00 1000. Krueger Bros., Toledo, O.

Strong, heavy smilax in 2-in. pots, $1.00 100; $9.00 1,000. Randolph Bros., Delavan, Ill.

500 3-in. smilax, $2.00 per 100; 300 2-in., $1.25 per 100. P. L. Larson, Fort Dodge, Iowa.

Smilax from 2¼-in., $2.00 per 100; very strong. Emil Leuly, West Hoboken, N. J.

Smilax from 2-in.; good clean stock, $2.00 100. La Roche, Collingdale, Pa.

SMILAX, cut strings, good, $12.00 per 100. EVENDEN BROS., Williamsport, Pa.

SMILAX PLANTS. 2½-in., $2.50 per 100. C. C. POLLWORTH CO., Milwaukee, Wis.

Smilax, 2½-in., strong, $1.50 per 100. Williams & Sons Co., Batavia, Ill.

Smilax, 2-in., $1.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Smilax, 2-in., strong, $1.50 100. Albert M. Herr, Lancaster, Pa.

Smilax, 2-in., $1.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

STEVIAS.

Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Stevia Serrata, 2¼-in., very strong, need shifting immediately, $2.50 per 100. Dean Ferris, Peekskill, N. Y.

Stevia, rooted cuttings from sand bed, 60c 100; 5c extra if by mail. Joseph Bradbury, South Orange, N. J.

25,000 Stevia rooted cuttings and 2½-in. pots. Poehlmann Bros. Co., Morton Grove, Ill.

Stevia, 2¼-in., bushy, $2.50 100. Crabb & Hunter, Grand Rapids, Mich.

Stevias, strong, clean, 2½-in., $2.50 per 100. La Roche, Collingdale, Pa.

VEGETABLE PLANTS.

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field-grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

TOMATO—In variety, 15c per 100; $1.00 per 1000.

PEPPER and EGG—25c per 100; $2.00 per 1000.

KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grand, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.

If by mail add 10c per 100. Cash with order. R. VINCENT, JR. & SON, White Marsh, Md.

Tomato plants—Beauty, D. Champion and Lorillard, 15c 100; $1.25 1000. Peppers—Bull Nose and Ruby King, 20c 100. 10,000 fine large E. J. W. cabbage plants, $1.00 1000; $7.50 for the lot. Cash. Mrs. Griswold, Worthington, O.

CELERY PLANTS. All the leading varieties, good strong plants, lightly packed, and guaranteed at $1.50 per 1000. Large lots very cheap. Write us. G. Van Bochove & Bro., Kalamazoo, Mich.

Cabbage, Danish Ballhead, $1.00 per 1000. Celery, White Plume and Giant Pascal, $1.20 per 1000; transplanted, $2.00 per 1000. Cash. Samples, 5c. Ludwig Mosback, 85th St., near So. Chicago Ave., Chicago.

White Plume celery, strong transplanted plants, 25c 100, $2.00 1,000; other standard varieties ready July 10. Cash, please. Sample by mail 10c. R. Kilbourn, Clinton, N. Y.

Late cabbage plants, 4 varieties, from seed bed, 15c 100, $1.00 1000. Celery plants—Giant Pascal and White Plume, 15c 100, $1.00 1000. S. J. McMichael, 142 Larkins St., Findlay, O.

100,000 first-class cabbage plants from field. Wakefield, Charleston, All Head, Winningstadt, Succession, Sure Head, Holland, Flat Dutch, $1.00 per 1000. Chase & Son, New London, Ohio.

Egg plants, 2000 from 2½ pots, $2.00 per 100. 1500 transplanted, good and stocky, 6 to 10-in. high, $1.50 per 100. Schivler & Son, Newark, Del.

200,000 fine celery plants, $2.00 per 1000. Giant Pascal, White Plume, Golden Heart, etc. Cash. W. T. Hillborn, Newtown, Pa.

50,000 cabbage plants—Late Flat Dutch—strong and stocky, $1.00 per 1000. A. B. Campbell, Cochranville, Pa.

Cabbage plants—Good strong late plants, at $1.25 per 1000. Harry White, R. D. No. 6, Wabash, Ind.

Henderson's Snowball and selected Erfurt cauliflower, 2-in., 2c. W. H. Salter, Rochester, N. Y.

VERBENAS.

Lemon verbenas, well-rooted cuttings from sand, 75c 100, prepaid; $5.00 1,000. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Mammoth verbenas, 2¼-in., $2.00; 3-in., $3.00; Lemon verbenas, 2-in., $2.00. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vinca, variegata and green, good stock, 2¼-in., $3.00 per 100. Cash. Hull Floral Co., Morris, Ill.

Vincas, 3-in., $4.00; 3½-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

VINES.

Aristolochia sipho (Dutchman's pipe), 5-in., $5.00 doz. Wistaria chinensis, 7-in., $9.00 doz. Golden Honeysuckle, 7-in., $9.00 doz. Bobblink & Atkins, Rutherford, N. J.

Lophospermum, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

VIOLETS.

	100	1000
Imperial, 2¼-inch	$2.75	$25.00
Marie Louise, 2¼-inch	2.75	25.00
Farquhar, 2¼-inch	2.75	25.00
Swanley White, 2¼-inch	2.75	25.00
Campbell, 2¼-inch	2.50	22.50

Grand Rapids Violet Co., Grand Rapids, Mich.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.

SWAN PETERSON FLORAL CO., Gibson City, Ill.

Imperial and Marie Louise violets, healthiest stock in the country; large bushy plants, $1.50 per 100, $14.00 per 1000. Good strong plants from soil, $8.00 per 100. Cash, please. Wm. S. Herzog, Morris Plains, N. J.

Marie Louise. Fine stock in 2½-in. pots, $25.00 per 1000. Also plants from soil, $10.00 per 1000. This stock is fine and ready for immediate shipment. J. Bennett, Blue Point, L. I., N. Y.

Improved Farquhar violet. Most prolific; largest, darkest grown, $2.00 per 100; $18.00 per 1000. Imperial, $2.00 per 100; $16.00 per 1000. All fine stock for cash. H. KING, Tappan, N. Y.

5000 Marie Louise plants, well rooted, free from disease, $15.00 per 1000. Examine your stock before buying, and when doing so call on J. M. Lown, E. Market St., Rhinebeck, N. Y.

Violets. Healthy, well-rooted cuttings of Marie Louise, clean stock, $1.00 100, $8.00 1,000. Cash with order or C. O. D. H. C. Fellows, Rhinebeck-on-Hudson, N. Y.

Marie Louise violet plants from stock that secured four prizes the past year. Inspection invited. Apply for prices. C. G. Velie & Son, Marlborough, N. Y.

Violets. Marie Louise plants, large, vigorous, clean and healthy in every respect. $20.00 per 1000; $35.00 per 2000. Samples, 10 cents. J. D. HILDRETH, Babylon, N. Y.

Marie Louise violet plants. We have a large stock of clean, healthy plants from soil, $20.00 per 1000; $2.25 per 100. Cash with order. L. R. Lane, Box 335, Babylon, N. Y.

Marie Louise violets, strong plants, February struck, healthy and free from disease, $10.00 per 1000. Cash with order. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Swanley White, M. Louise, Imperial, Lady Campbell, 2¼-in., $2.75 100; $25.00 1000. Crabb & Hunter, Grand Rapids, Mich.

Princess of Wales and Russian violets, strong, healthy plants, $1.00 100; $8.00 1000. Marie L. Greene, Mobile, Ala.

Imperial violets, the best double violet grown. Strong plants from 2-in. pots, $3.00 per 100, $25.00 per 1000.

Central Michigan Nursery, Kalamazoo, Mich.

MARIE LOUISE violets, fine healthy stock from 3-in. pots, $25.00 per 1000. ANDREW PETERSON, Paxton, Ill.

Marie Louise violets, 2½-in., good stock, $2.75 100. Hull Floral Co., Morris, Ill.

TO EXCHANGE.

To Exchange—Smilax, strong, transplanted from flats, for American Beauty or Kaiserin roses, or Timothy Eaton mum, from 2-in. pots. Sample exchanged. Huss Floral Nursery, Augusta, Ga.

To Exchange.—American Beauty plants, fine stock in 3 and 4-in., for ferns or anything I could use. W. H. Waite, Greystone, Yonkers, N. Y.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made. Livingston Seed Co., Box 104, Columbus, O.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns, $1.00 per 1,000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc. CROWL FERN CO., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

WE MAIL SAMPLES ON REQUEST.

PURE BONE MEAL for Greenhouses. The brand we are selling has no superior. It is pure bone, guaranteed free from acids, and is sold at as low rates as many inferior brands, which cannot be used with safety in greenhouse culture. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 1,000 lbs., $15.00; ton, $27.50.

PULVERIZED SHEEP MANURE.—The most effective of all fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have, we feel assured of their patronage. Price per sack of about 2 bushels, weighing 90 to 100 lbs., $1.50; 500 lbs., $5.00; ton, $15.00.

HORN SHAVINGS, 5 lbs., 40c; 10 lbs., 70c; 25 lbs., $1.00; 100 lbs., $3.50.

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FLORISTS' BONE MEAL, a tried and tested brand, per sack (200 lbs.), $3.25; per ton, $28.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Bone meal, best for florists, 200 lb. bag, $3.50. A. M. Herr, Lancaster, Pa.

GALAX LEAVES.

GALAX LEAVES, green or bronze, $1.00 per 1,000; 75c per 1,000 in 5,000 to 10,000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

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Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Hunt's TYPHOON BRAND. The best Hose for greenhouse use. It stands the wear of dragging and pulling around bench posts. Price low for quality. Three-quarter inch, 7-ply black:

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Cut to 25 ft. lengths if wanted. Fitted with either coupler, Acme or plain.
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Mineralized Standard; best Hose made; ¾-in.; 3-ply, 7¾c. Mineralized Rubber Co., 18 Cliff St., New York.

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HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

The Whildin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

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SPHAGNUM MOSS.

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Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

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Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

LONDON, ONT.

The London Horticultural Society held the June rose show last week. As their shows are all free it is needless to say that the attendance was large. The popularity of these flower shows is evidenced by the increased interest taken and as there is no competition, no prizes awarded, no admission fee, it is purely a labor of love. The season has been favorable and the show of H. P. roses was the best the society has yet had.

The weather continues cold and wet with an occasional frost and snow or ice storm sandwiched in, consequently soft bedding stock is suffering.

Trade continues to hold up wonderfully well; between weddings and funerals nothing is going to waste. The quality of roses is away down and very little but what is mildewed can be seen. Carnations, owing to the cool weather, are of good quality.

Planting is being rapidly pushed ahead and from the quality of the stock going in there ought to be some good results.

Conventiou matters are being talked over by the locals and from favorable expressions of visitors who have called recently we are led to believe that the Hamilton convention will eclipse any of its predecessors.

Recent visitors: Geo. Boucher, W. M. Harburn, A. Neal, C. W. Baxter, H. Neal, Thos. Cottle and wife.

LOND.

GRAND RAPIDS, MICH.

The weather the past month has been very unfavorable for the production of cut flowers. During the hot spell everything cooked and sizzled. Then came a wet spell followed by a cold wave, which mildewed the roses in great shape. The month has been remarkable as the wettest June on record, there having been just twenty-three days on which it rained.

Business could hardly have been better. The bedding done was certainly forty per cent in excess of last year, the principal call being for S. A. Nutt geraniums, and in vines, variegated vincas; fewer nasturtiums and cobeas being used than heretofore.

The weather affected the quality of flowers as well as the quantity, the result being that carnations are poor and roses small and poor. In fact, there are but few roses to be had at any price, as all the florists have thrown out from part to all to replant.

The varieties of carnations that have done the best and stood the stress of the past variable weather are: First, Flora Hill in white, White Cloud and Glacier coming next; in pink, Lawson, Ethel Crocker, Irene and Marquis; in red, Jubilee. The newer varieties did not seem to hold up so well as those mentioned, and Crane doesn't seem to be much good in warm weather. I forgot to say that Morning Glory, though a bit undersized, still makes a good light pink substitute for Daybreak.

Prices on flowers remained firm, but at present, on account of the poor quality, they show signs of weakening. Roses bring 75 cents to $1 per dozen; carnations, 25 to 35 cents per dozen; American Beauties, $1.50 to $3 per dozen.

Pæonies are over and outdoor roses are in their glory. Crimson Ramblers around town never looked so effective and beautiful as this spring.

The Grand Rapids Violet Co. are putting most of their plant to American Beauties, as they claim they are more profitable than any other cut flower. They will, of course, grow some carnations and violets, but their crop will be American Beauties.

The wet weather has been very unfavorable to violets and many of the local growers have had their plants go "on the bum," as we call it here, one large grower in particular having to buy his entire stock over again. A good plan to insure the best results and run the least amount of risk in failure is for those intending to plant the latter part of July or later to buy those plants that have been shifted from 2 to 2½-inch into 3-inch and given a little space on the bench. Such plants get properly seasoned, and are not only equal but really superior to field-grown stock if runners have been properly cared for. The planting of violets in benches is now under way and will be continued until all the houses are planted.

"Mum" planting is about over, Ivory, Bonaffon, Robinson, Kalb, Murdock, Shaw, Jerome Jones, Western King and Chadwick being the varieties mostly planted. G. F. C.

KALAMAZOO, MICH.

During the last month trade has dropped to summer demands and prices. Commencement week made quite a little stir, the good old fashion of presenting graduates with floral tributes not having been tabooed by our educationists. Roses are scarce but of fair quality. Carnations are plentiful and astonishingly good for the season.

Rose planting is about finished, the quantities planted being about the same as last year. The new rose Ivory is on trial at some of the establishments. Carnations in the field are looking well. The weather has been cold and wet—very wet. We had rain on 26 days out of the 30.

"In spring a young man's fancy
Lightly turns to thoughts of love."

This was the trend of John R. Van Bochove's thoughts during the last spring. The culmination came on June 25, when he led to the hymenal altar Miss Minnie Hengst, one of the fair daughters of Celeryville. The benedicts of the craft extend the glad hand of welcome to their ranks.

Wenschengeluk, John. Next. R.

RUTHERFORD, N. J.—Bobbink & Atkins have rented the Volmer place, adjacent to their nurseries. It has about 10,000 square feet of glass, which they will use in caring for their palm importations. They have also bought the entire palm stock, some 30,000 plants, of E. C. McFadden, Short Hills, N. J.

NEWPORT, R. I.—The annual rose show of the Newport Horticultural Society, held last week, brought out an excellent display. Numerons prizes were awarded.

JAMESTOWN, N. Y.—A. N. Broadhead has purchased the greenhouses of E. D. Spaulding, on Spring street, and is dismantling the buildings and moving the plants to the Lake View Rose Gardens.

B. & A. SPECIALTIES Dutch, French, Chinese and Japanese BULBS

Ask for our SPECIAL WHOLESALE BULB LIST — NOW READY.

BOBBINK & ATKINS, - RUTHERFORD, N. J.

KANSAS CITY, MO.

We are gradually emerging from a most prosperous season into the inevitable summer dullness, and after the Glorious Fourth early closing and vacations will be in order. While we experienced a few very quiet days in June, yet the amount of business was equal to that of a year ago for the same month. In the absence of decorative work we were able to dispose of all good salable stock over the counter and for the ever constant demand for funeral designs. Young people are still "pairing off" and evidently doing so without the services of the florist.

We are having regular Colorado weather and there is quite a contrast between the atmospheric conditions of the present and those of a year ago. Last summer at this time we slept on the lawn, but at this writing it is cool enough for a light fire. Rain has fallen here every day for a month and vegetation is making wonderful growth. Plenty of good outdoor material is to be had. Sweet peas are picked with 12-inch stems and retail at $1 per 100. The drop in the temperature seems to have favored the growers, who are still sending us a pretty good supply of roses and carnations.

We notice that some necessary changes have been made at Mr. Kellogg's store on Grand avenue since Fred Weber assumed the management. The store front has been newly painted and the large window is banked with finely grown Boston ferns and vases of long-stemmed Beauty roses in an attractive manner which cannot fail to draw trade. Mr. Kellogg is supplying the market with a select grade of roses, and we never before saw his stock so good at this season of the year.

W. L. Rock believes that every florist should make some improvements in his place every year and next month will renovate his Walnut street store, build a conservatory in the rear for palms and ferns and also an office for himself and stenographer. Mr. Rock is making a novel window display of garden flowers and the Auratum lily.

W. J. Barnes, of Euclid avenue, has purchased the vacant property adjoining his place and will soon tear down his old greenhouses and cover the entire space with a modern range of glass.

Billy Bastian, Mr. Kellogg's right-hand man at Pleasant Hill, spent a few days in the city last week. He was wearing his best smile and a new dress suit and looked fine. While passing around the cigars Billy told us that he believed he could travel through life best in double harness, and he left for his home with our best wishes and a beautiful Kansas City bride. H. J. M.

Denver, Colo.—Geo. C. Brenkert has found business so good that he will put up 3,000 feet of glass this summer. He is planting 5,000 mums. Mr. Brenkert now controls the establishment formerly conducted by Brenkert & Young on South University Ave.

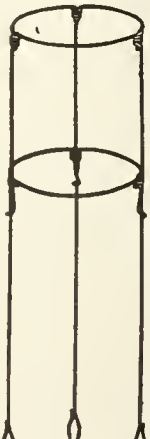
THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.30	3.60	.....
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	.....
" " strong	8	26 to 30	7 to 10	1.50	18.00	.....
Asparagus Sprengerl	2				.50	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Plu. Nanns	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6.00	.....
Pandanus Veitchii	5			1.00	12.00	.....
" "	6			1.50	18.00	.....
" "	7			2.50	30.00	.....
" "	8			3.50	42.00	.....
" Utilis	4			.25	3.00	.....
Nephrolepsis Bostoniensis	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	.....
" "	8				12.00	.....
" "	9				18.00	.....
" "	10				24.00	.....
Assorted Ferns, for fern dishes, 2-inch pots						3.00

Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

Mention The Review when you write.



NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing, L. I., Dec. 11, 1901.
Mr. Theron N. Parker,
Parker-Bruen Mfg Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. Thorne.

Favorable testimonials from such growers as Dailledouze Bros., Flatbush, L. I.; E. Asmus, West Hoboken, N. J.; Wm. Scott, Buffalo, N. Y.; C. W. Ward, Queens, L. I.; Albert M. Herr, Lancaster, Pa.

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Carnations, Geraniums,
Cannas, etc.
Prices quoted upon application.
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ALL THE BEST CARNATIONS
Orders Booked Now for Fall Delivery.
SEND FOR PRICES.
Rooted Cuttings and young plants all out.
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NEW GIANT--Mme. Perret
The Prize Strain, exhibited at the Pan-American Exposition, true stock, 50c per trade packet; $5.00 per ounce.
Our Choicest Mixture of the best strains procurable, 50c per trade packet; $1.25 per ⅛ ounce; $2.00 per ¼ ounce.
WALTER MOTT SEED & BULB CO.,
JAMESTOWN, N. Y.
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CARNATIONS
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Watch this Space for Future Bargains.
JOHN BROD,
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From 2½-inch pots; fine healthy plants.
Vicks's and Semple's Branching and Paeony.
Perfection at $1.00 per 100.
SWAN FLORAL COMPANY,
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We have in stock abont twelve thonsand Arancarias, on which we are in a position to offer special values. It will pay yon to procnre your next winter's supply now and not only gain the benefit of the summer's growth but also cheap transportation rates, as these plants can be safely shipped by fast freight dnring the summer months.

ARAUCARIA EXCELSA.

4-inch pots,	5 to 7	inches high,	2	tiers		$0.35	each
5 " "	8 to 10	" "	3	"		.50	"
6 " "	10 to 15	" "	3 to 4	"		.75	"
6 " "	16	" "	4	"		1.00	"
6 " "	20	" "	4 to 5	"		1.25	"
7 " "	24	" "	4 to 5	"		1.50	"

ARAUCARIA EXCELSA GLAUCA.

5-inch pots,	8 to 10	inches high,	2	tiers		$0.75	each
6 " "	12	" "	2 to 3	"		1.00	"
6 " "	15	" "	3	"		1.25	"
7 " "	18	" "	4	"		1.50	"

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3	tiers			$1.25	each
6 " "	12	" "	3	"		1.50	"

HENRY A. DREER, 714 Chestnut Street, **Philadelphia, Pa.**

Burbank's Shasta Daisy.

Shasta Daisy

THE LATEST FLORAL WONDER.

Plants 25c each; $2.50 per doz.; $15.00 per 100; $100.00 per 1000. 25 at 100 rate, 500 at 1000 rate.

100 Seeds, 50 Cents.

California Carnation Co.

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SEEDS, NEW CROP! Phoenix Canariensis, Seaforthia elegans, Corypha australis, Erythea edulis, Dracaena indivisa, Encalyptus and Acacia seeds. Roemer's superb prize pansies.

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LABELS. "RED ROSE" and others.

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DAN'L B. LONG, Publisher, Buffalo.

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Also 200,000 Young Rose Plants in best possible shape.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00

YELLOW.	Per 100 R. C.	Per 100 2½-in.
Harry A. Parr	$1.50	$2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whilidin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00

PINK.	Per 100 R. C.	Per 100 2½-in.
Montmort	$1.30	$2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
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Pink Ivory		
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Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—IMMENSE STOCK OF COL. APPLETON, rooted cuttings, $15 per 1000; 2½-inch pots, $20 per 1000. **BONNAFFON,** rooted cuttings, $12 per 1000; 2½-in. pots, $18 per 1000. **OCTOBER SUNSHINE,** rooted cuttings, $1.75 per 100; 2½-in., $2.50 per 100. Fine stuff.

ROSES FOR FORCING.

50,000 **SURPLUS PLANTS** in fine shape; going fast.

	2½-in. Per 100	Per 1000	3-in. Per 100	Per 1000
American Beauties			$8.00	
"	$5.00			
Golden Gates	3.00	$25.00	4.50	$40.00
Maids	3.00	25.00		40.00
Brides	3.00	25.00		40.00
Meteors	3.00	25.00		40.00
Perles, 3½-inch				$6.00 per 100

STEVIA, R. C., per 100 $1.50 2½-in., per 100 $2.50 2½-in., thousand lots $22.50

No order filled for less than $2.00, or less thau 10 of a variety. 5 per cent discount allowed for Cash. Remittances must accompany orders from unknown parties. Goods sent C. O. D. if requested. All orders filled in strict rotation, and as soon as stock is ready. Every order has our personal supervision and satisfaction is guaranteed. Cuttings rooted to order if not in stock.

Poehlmann Bros. Co., -- Morton Grove, Ill.

FANCY or DAGGER FERNS 75c per 1000; discount on large orders. Galax Leaves, Bronze or Green, 75c per 1000. Use our Laurel Festooning its the best and cheapest in the market, 4c, 5c and 6c per yard. Bunched Laurel and Laurel Wreaths when wanted.

Try us and we will please you.

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Telegraph Office, New Salem, Mass.
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Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and **LATANIA BORBONICA**

Price List for the asking.

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1000 Mme. Salleroi Geraniums and 800 Col. Appleton Chrysanthemums,

at **$4 00** a 100. The above are all from 3½-inch pots.

Also 700 Col. Appleton Chrysanthemums,

from 2½-inch pots, at **$2.00** a 100.

—CASH—

C. L. HOWE, - DOVER, N. H.

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CHAS. D. BALL,

GROWER .....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

MILWAUKEE.

The weather conditions the past week were anything but favorable for the growers—cold, cloudy days with periodical showers and the night temperature going down as low as 40, making it impossible to avoid mildew and causing a shortage of stock such as was never before experienced here. Dealers accepted stock which under other conditions would not be taken by fakirs and prices were equal to midwinter. Carnations, though not so badly affected by the changes in the weather, are nevertheless scarce and supply is far below the demand. Retail dealers who last week displayed "15 cents per dozen" signs are now asking 50 cents per dozen for carnations, and roses sell at from $1 to $2 per dozen according to quality. Sweet peas are coming in fairly plentiful and fetch 50 to 75 cents per 100, wholesale.

There is no outdoor stock in the market and indications are for a very short season in this class of goods unless weather conditions improve soon. So far but little damage has been done to field growing carnations. One or two growers reported some damage from too much rain where stock was planted in low ground.

There is not much enthusiasm displayed in the coming convention of the S. A. F. Some of the railroad representatives called on most of the trade, making rates, etc., but it is not known who will make the journey from here as yet.

C. C. Pellworth Co. have completed their new addition and are planting with Ivory and Liberty. The latter variety has done very well here the past season.

Carl Johannes has completed four new houses and will plant them in carnations. His stock in the field looks fine.

Recent visitors were Leonard Lawson, Rockford, Ill.; H. B. Campbell, Davenport, Iowa; and Mrs. O. Baumann, Manistee, Mich. Incog.

ST. PAUL.

W. G. Bunde, son of A. H. Bunde, and well known in the trade, has engaged in the newspaper business, publishing the Northwestern Dairyman.

Mr. and Mrs. L. L. May entertained the following party at Mayfield over Sunday: Mr. and Mrs. J. C. Robinson, of Waterloo, Neb.; S. E. Briggs, of Toronto, Ont.; S. F. Leonard, Chicago, Ill.; Mr. and Mrs. C. P. Braslan, of San Jose, Cal.

The following were callers during the week: F. H. Battles, Rochester, N. Y.; A. A. Berry, Clarinda, Ia.; L. L. Olds, Clinton, Wis.; Peter Hollenbach, Chicago; J. E. Sloan, Palo Alto, Cal.; Geo. S. Green, Chicago; C. N. Page, Des Moines; E. J. Sheap, Jackson, Mich.

Cut flower trade continues very good, with a shortage in nearly all lines. Beauties are particularly scarce. The cool weather has improved the quality of stock somewhat. X. Y. Z.

Ft. Dodge, Ia.—P. L. Larson reports having had an excellent season. He is building three new houses, each 22x74. One is for roses, one for violets and one for chrysanthemums. He has also purchased a new 50-H. P. boiler.

London, Eng.—The sons of the late William Bull announce that the business will be continued under the title William Bull & Sons, at 536 Kings Road, Chelsea, as before.

SHORT-ROOF GREENHOUSES. (PATENTED.)
WRITE FOR CATALOGUE.
A. DIETSCH & CO., PATENTEES.
Manufacturers of
California Red Cedar and Louisiana Cypress Greenhouse Material,
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Pat. Sept. 18, 1900.

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Patent Iron Bench Fittings and Roof Supports.
Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.
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Cut Flower Boxes
WATERPROOF Corner Lock Style.
The best, strongest and neatest folding cut flower box ever made. Cheap, durable, handy. To try them once is to use them always.
DON'T USE OLD STORE BOXES.
If you have any doubt, send for samples, which speak for themselves.

Size No. 1	3x4½x16	$1.75 per 100;	$15.00 per 1000
" No. 2	3x6x18	2.00 "	18.00 "
" No. 3	4x8x18	2.40 "	22.00 "
" No. 4	3x6x20	2.75 "	25.00 "
" No. 5	4x8x22	3.00 "	28.00 "
" No. 6	4x8x28	3.75 "	35.00 "

The Livingston Seed Co., Columbus, O.
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SULPHO-TOBACCO SOAP
(PATENTED.)
IS FATAL TO ALL
INSECT LIFE.
Improves Flowers, Plants and Shrubs.
No Greenhouse complete without this Insecticide.
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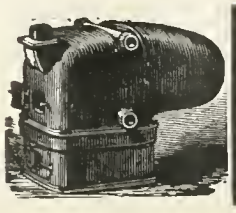

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Well-established plants

	Per 100	Per 1000
Am. Beauty, 3-in. pot plants	$8.00	$75.00
Bride, 3-in. pot plants	4.00	35.00
Perle, 3-in. " "	4.00	35.00
Golden Gate, 3-in. pot plants	4.00	35.00
Perle, 2½-in. pot plant	2.50	20.00
Golden Gate, 2½-in. pot plant	2.50	20.00

All Plants sold under express condition that if not satisfactory when received they are to be returned immediately, when money will be refunded.

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Cheap to close out. Nothing but good stock sent out.

American Beauties, 2-in. $ 5.00 per 100, 40.00 per 1000
Bridesmaids, 2-in. 2.50 per 100, 20.00 per 1000
Meteors, 2-in. 2.50 per 100, 20.00 per 1000

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ROSES.

	2 by 2½-in.	2½ by 3 in.	3-in.
Meteors	650	300	
Brides	2450	1700	
Maids	1000	1000	550
K. A. Vic	150		
Perles		800	
Beauties	1300	1700	
Liberty	1400		
Golden Gate	575	750	
La France	400		
Belle Seibrecht	175	550	
Woottons	125		
Soupert		50	

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	Per 100
Strong plants, 4-in. pots	$12.00
" " 2 years old	15.00

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ANo. 1 Stock in 2½-inch Pots.

Brides.....$2.50 per 100 | **Kaiserin**..$3.00 per 100
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Aug. Guinesseau.....$3.00 per 100

This stock is carefully grown and was intended for our own use

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500 **Am. Beauties,** 3-inch..... 7.00 "
400 " " 2nds, 3-inch..... 5.00 "

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3000 MAIDS in 3-inch pots . . . . at $30.00 per 1000
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1000 LIBERTY in 3-inch pots . . . at 100.00 "
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500 MAIDS, Grafted, in 3-inch pots . at 100.00 "

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Fine healthy stock from selected cuttings.

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3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

Sunrise, Liberty, 3-inch pots, $9.00 per 100. 4-inch pots, 12.00 "

Grafted Roses -- Kaiserin, Golden Gates,
3½-inch pots, $15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

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FROM 2½-INCH POTS.
PERLES, $3.50 per 100; BRIDES, $3.00 per 100.
CHRYSANTHEMUM IVORY, from 2½-inch pots, $2.50 per 100.
WM. B. SANDS, Lake Roland, BALTIMORE, MD.

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Elegant well-grown stock, in the most perfect condition to plant.

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Perles, 3-inch	5.00	50.00
Meteors, 3-inch, very fine	4.00	35.00
Golden Gate, 3-inch, extra fine	5.00	50.00
Brides, 3-inch	5.00	45.00
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These Plants will satisfy the most critical trade.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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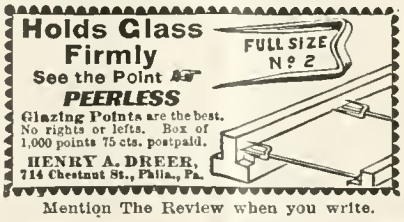

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AUGUST 19-22, 1902

Asheville, North Carolina

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For berths in sleepers from Chicago or Cincinnati, and further information call on, or address

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S. E. BURGESS, T. P. A., 120 East Baltimore St., Baltimore, Md.
C. H. HUNGERFORD, D. P. A., 230 4th Ave., Louisville, Ky.
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Members will meet at Cincinnati and all go through together from there.

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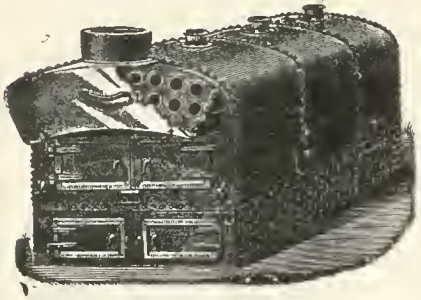

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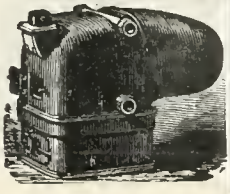

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M.
261
Jamaica Plain

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Florists' Calendar FOR JULY.

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½-¾-inch diam	.60	4.50	8.50
Monsters	1.00	8.00	15.00
Lil. Harrisii, sound bulbs, best stock, 5x7	12 $0.75	100 $ 5.00	1000 $ 45.00
7x9	1.50	11.00	105.00

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Boston Ferns, 3-in.. $6.00 per 100; 4-in. 15.00 "

6-in., 50c each; 7-in., 75c each; 8-in., $1.00 each

Asparagus Sprengeri, 4-in..... $12.00 per 100

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THE RETAIL FLORIST.....

Hardy Flowers.

There is an immeasurable pleasure and a vast amount of various kinds of profit derivable from what we may call a semi-wild herbaceous garden. The great galaxy of colors there at present form a panorama of exquisite beauty, and the flowers, ferns and grasses we name here are in full glory through June and July. Very few if any of them are seen in florists' stores, or for that matter in the homes of wealthy Americans, and yet they are far superior to many of the flowers we see there. Every plant or flower we mention in this article is useful for decorative purposes. The majority of them may be found growing wild in this country. Perhaps that is why they are not more generally appreciated here, though they are extensively cultivated and constitute the principal summer cut flowers in European markets. Some of them are natives of other countries, but they are all hardy here.

A great many of our landscape engineers succeed by conjuring up for their patrons glowing pictures of native wilds. The great majority of their actual creations are absolutely failures from a useful standpoint, for in nearly every case the people who own private gardens and who have expended enormous sums to create and maintain so-called "wild gardens," have to depend upon the florist or general commercial flowers to supply materials for their decorations during June, July, August and September. We know of hundreds of places where except for a supply of annuals not a flower is obtainable when most wanted.

The city florist goes to the country woods and meadows for his best material for extensive summer decorations, while the country florist often imagines it necessary to go to the city market. Let us consider what is in bloom at present and what can be done with it.

First come all the white, French white, mauve and very light shades, which are all useful for funeral or general decorative purposes. Oenanthe pimpinelloides, Oenanthe peucedanifolium and Seseli glaucum are good for groundwork, vases, bases or clusters, with other flowers. Their long, light sprays give a very graceful effect among stiffer flowers or where great masses are used. Libanotis vulgaris is on the same order, but is more adapted to solid work. Astrantia major is good, and the common elder (Sambucus nigra) is very fine to mix with other flowers in large designs. Few florists would be able to recognize it if the foliage is taken off and the flowers properly used. It would be considered an invaluable flower if it had to be cultivated under glass.

Then there are several varieties of penstemons. P. campanulatus and P. lævigatus bear good, long spikes of white and mauvish flowers. P. gracilis is smaller and of a deeper color. They are all beautiful and very useful in any class of decoration. Such a common thing as Asperula galoides can be made most useful for feathery effects, though Gypsophila paniculata is preferable. Sidalacea candida's pure white spikes are very good, and Spiræa palmata is far grander than many of the flowers we see in the markets. Delphinium grandiflorum alba is a fine pure white type of that well-known flower, and the grounds and rocks are covered with Rosa Wichuraiana. Thalictrum angustifolium's long golden-tipped white plumes are very pretty. Chrysanthemum corymbosa is a splendid daisy-like flower and grows in great masses. And then there is a whole army of achilleas—A. lanata, A. alpina, A. commutata, A. impatiens and A. asplenifolia are all in bloom and can be used to good advantage. The last named is probably the best for general use. Campanula persicifolia is fine with its spikes of white bells.

In colors ranging from lavender to lilac, purple and blue, we see Jasione perennis, something similar to, but larger than the well-known cornflower. A great many campanulas, the best of which are C. cervicaria and C. Ruthenica. Erigeron speciosus and E. glandulosus are two pretty lavender daisy-like flowers; another is Calameris incisa. Lythrum virgatum sends out a nice spray and L. salicaria has densely covered spikes of puce. Eringium planum is a very odd blue thistle-like flower, and when used in conjunction with such grasses as Elymus glaucus, E. arenarius or Agropyron cæruleum they make a charming picture in tall dull colored vases. Monarda fistulosa mollis, Polemonium cæruleum, Veronica crauifolia, V. longifolia, V. maritima and V. incisa, Delphinium chinense, Achillea tanacetifolia, are all worthy of culture.

From light pink tones to intense scarlet and crimson colors we find the old mullein pink (Lychnis coronaria), a flower prominent among the bouquets offered in the markets of Europe. The brilliant flowers of Lychnis fulgens deserve to be better known. Silene Serchenfeldiana is a good rosy pink flower for cutting purposes. Dianthus calocephalus is graceful. There is nothing more brilliant than a cluster of Geum coccineum. Lathyrus latifolius is grand for vase or hanging effects. Althæa Keerdica and A. rosea are two sorts of single hollyhocks fine for tall vases. Achillea millefolium rubra must not be overlooked, nor Phlox pilosa. The very curious straw and white florets of Digitalis lanata are very good, and in this family we have a vast range of colors. D. gloxinoides with claret rosy trumpets, and D. grandiflorum, orange splashed yellow, are remarkably good for tall effects.

What can be more beautiful than the long sprays of the brilliant Penstemon barbatus, and how grand it looks anywhere! Hemerocallis aurantiaca major is a superb ochre orange cup, and the great masses of Lilium pardalinum are magnificent alongside the several varieties of Lilium elegans and the many sorts of irises in bloom at present.

Among yellow and orange colors there are many lovely things, such as Rudbeckia laciuata, with its pretty, curious long cones. Lepachys pulcherima is another fine flower. Also Anthemis tinctoria, Heliopsis scabra, H. Pitcheriana, Bupthalium speciosum (like a golden anemone chrysanthemum), Coreopsis verticillata, C. auriculata and C. lanceolata grandiflora, Solidago canadensis and S. californica, Galium verum, Hieraceum aurantiacum, Cephaloria alpina, and many of the scabiosas. The kneiffias—Frazeri and riparia, Lysinachia punctata, Alyssum argenteum and A. tortuosum, Genista tinctoria, Sedum Maximowiczii, form an army of flowers capable of capturing any heart.

Patches of the lake are covered with sweet water nymphs and along the banks are masses of Acorus calamus var., Avena sempervirens, melicas, airas, agropyrons, hystrix, secale, dactylis, spartina, phleum and many other common but highly ornamental grasses.

In the shade where the sun's rays scarcely reach them, but so deserving of the light of recognition and highest praise, are the beautiful ferns. The bracken, pteridium (wish we could get it in pots for winter decoration) is fine for cutting. Osmunda cinnamomea, O. regalis and O. Claytonia with their royal plumes. Then the ferns which are commonly called fancy ferns among the trade in winter—Asplenium filix fœmina and A. thalictroides, Adiantum pedatum. The common dagger fern—Polystichum aerostichioides. The shield ferns—Doryopteris spinulosa intermedia, D. Boothii, D. custata and its several varieties, form a set worthy of cultivation in any garden.

The above list is in splendid condition at present and the best of work can be done with all or any part of the list. A wild garden decoration, be it on dining table, in ordinary vase work, for church weddings, or even the most elaborate forms of house or ball decorating, can be made to exceed in variety of beauty all the tender greenhouse pets.

We have in our mind's eye a large room or series of rooms transformed into a summer woodland scene or garden. Some may call it a fairy land. We go to the swamps and cut down tall young oaks, maples and birch. We cover the walls and ceilings completely with this material, allowing a few light vines to suspend here and there. Our prettiest young trees we stick into tall vases filled with wet moss and weighted down. These we arrange so people can walk under them. Young oak trees keep well and make a pretty effect. The vases can be covered with grasses or filled with tall flowers. Then the different wild flowers can be arranged in separate colors, one color to each room or so as to harmonize. The grasses and ferns may be used as a background or to cover vases. It is wise to put as many of the flowers in water as possible, but care should be taken to hide vases that detract from the beauty of the flowers.

Ribbons should never be used in connection with wild flowers, for you are supposed to copy nature, and in that sense must avoid artificiality. Made up designs are out of place here also. The decorator's model must be an emphasis of some nook he has seen in the mountains or woods, and if his materials are such that he cannot create an ideal he

must aim to do the next best thing—give a good general impression.

Often people who have had a surfeit of greenhouse plants and flowers welcome a change, no matter what it is. Florists should not always be in fashion's wake. They should anticipate and head the fickle, domineering fairy.

At present there is an epidemic of Panama hats and the great family of imitations. These and Porto Rican and Mexican straw sombreros may be used as favors at large affairs, and filled or trimmed with flowers and ribbons they form a prominent feature in the decorative scheme. Then again there are the ping pong and automobile fads, which must be recognized, and it may be lucky to suggest an affiliation with these crazes in your work for the sporty or lively set.

Notes.

Sweet Sultan and all the large flowering centaureas are very popular flowers in New York. They possess two good and essential qualities in commercial flowers—beauty of color, and they preserve it long. They occupy a prominent position in all the leading windows. The white and lavender colors are splendid for cluster work on funeral designs or table or personal decorations. The yellow sort is one of the richest colors you can get. They are all very beautiful and should be grown by all who sell their own flowers at retail.

Hydrangea Otaksa is quite plentiful at present and they make excellent outdoor decorations in tubs by themselves or mixed with other plants in vases or boxes. Immense groups of them are seen in the windows during the summer. They keep well, providing plenty of water is given, and we recommend them as a general utility flower. They come in very handy for all manner of decorations, in large basket work, or they can be used for groundwork.

Vinca minor is being used to advantage on the tops of tubs containing Bay trees. It makes a prettier effect than the bare soil.

If grass will not grow under windows, etc., try California privet. We have seen it look well planted thickly and kept cut very low. Grass in very small quantities is more or less a nuisance to the average city householder. Privet requires less attention and can be made attractive in design.

Coreopsis, particularly C. lanceolata, has been extensively grown and used this season. It is good for cheap work where you are supposed to give twice the value of what you receive, and it looks remarkably well when used in great masses with very light greens.

Some of the prettiest windows we have seen lately have been all green; mounds of adiantum, hanging effects in Davallia bullata or other ferns and surroundings of clean palms, and, once in a while a vase of some bright flower.

Aspidistras look well and are much used in windows during hot spells, but they must be kept well polished. A very little sweet oil will make the foliage look better.

There seems to be a great overstock of Bay trees this year. Is it the price or don't people want them any more? There are whole regiments still on the premises of the dealers. Wonder why more don't go west.

No artist can improve nature. The man made models we may see are naught to the nature made models we do not see. Nature laughs at the vanity of mankind. The best we can do is to try to imitate her. No matter who you are don't be foolish enough to imagine your creations are above hers.

There are those who cannot do the simplest design or decoration unless they can surround themselves with an abundance of the finest material. We have often said that the only true test of artistic merit is to produce beauty out of chaos or poor materials. Economy in the retail store is a valuable virtue when you consider the great waste that is possible. And many a person at present engaged in florists' stores would be more careful and more appreciative had they to pay for the stock they handle.

IVERA.

ROSES.

Seasonable Hints.

With the bright, warm weather of July young roses will require copious supplies of water to keep them growing vigorously. This is one of the most important matters to be attended to during this and the next month. The plants should never be allowed to suffer the least in this respect, but should get thoroughly soaked at least once every bright day. If the drainage is perfect, as it should be, and the surface of the soil frequently stirred, there is little danger of overwatering. This applies more particularly to Beauties, Meteors and Liberty. Syringing also should never be neglected after the hottest part of the day is over; a good syringing at that time freshens up the young foliage and cools the house.

Staking and tying will now occupy a good deal of time. This ought to be done while the plants are small, as it is then so much easier to stretch the wires without damaging the plants. The neatest, best and most economical material to use for this purpose is galvanized wire, both for stakes and horizontals, using No. 16 for horizontals and No. 6 for stakes. Stakes for Brides and Bridesmaids should be about 3 feet 3 inches long; for Beauties, 4½ feet, with an overhead wire to support the longer stems.

Tying should be done in a way to give freedom of circulation among the leaves, and not bunched together in broom fashion. Neatness and taste in this operation considerably improves the appearance of a house.

RIBES.

DISEASED ROSES.

Many of our roses have got little lumps about the size of bird shot on the roots. I send you a sample. Is this club root, and, if not, then what is it? On some two-year-old plants some of the lumps are as large as a walnut. What causes this? If the lumps are all picked off would it be all right to plant these plants again and run them over another year?

J. B.

The specimens sent were so shriveled and dry when I got them that it was rather difficult to examine them properly.

These little tubercles are the cysts of eel-worms. The microscope shows each of them to contain from one to three tiny worms, very much like eels. Hence the name. They are so small as to be invisible to the ordinary naked eye. The larger callosities arise from the same cause, although at present they contain no worms.

These plants should be thrown out and burned, the benches should be thoroughly washed and given a good coating of hot lime wash, the house should be replanted with young, healthy stock. I do not believe it is safe to use stock propagated from plants affected with this trouble, however nice they may appear, as the vitality is so reduced that they easily become a prey to any rose enemy.

RIBES.

CHRYSANTHEMUMS.

Specimen Plants.

Specimen plants, if not already potted up into their blooming pots, should be attended to without delay; 10 to 12-inch pots are, in our opinion, plenty large enough for the final shift.

These specimens are not grown to any extent by the commercial florist, who argues truly enough that they don't pay him to bother with, but they are more or less in evidence on all private places where the gardener happens to be interested in mums. The soil for this last shift should consist of two parts of good fibrous loam to one part of well-rotted cow manure, with a fair proportion of bone added. Be careful over the drainage, for if your plants get waterlogged they may as well be thrown out. Over the crocks in the bottom a little green sod turned upside down is effectual in preventing the soil from working down among the crocks. For pink and red varieties charcoal should be added. Potting should, of course, be firmly done, leaving ample room at the top for a future top dressing when the pots are filled with roots.

The principal shoots should at this time be got down into some kind of shape, so that when pinching ceases the final growths will come away straight, and not have to be bent and twisted in every direction to get them into position. Pinching should be kept up till the end of the month, running over the plants every day and stopping the leading shoots, the idea being to get all the breaks possible before stopping ceases.

Grow your plants inside if it is any way possible to make room for them, as such plants will do far better than if they had to be grown outdoors, exposed to the fury of thunder storms and the baking heat of an August sun. If the house does not have bottom or side ventilation put your plants down by the door to get all the air possible.

Single Stem Plants

for six-inch pots should also be potted up as soon as they are ready for the final shift. They, too, will be far better grown inside, where possible, as the foliage will keep better and the growth be neater and more even. It is no child's play to set up a batch of these plants, well flowered, with the foliage absolutely perfect down to the pot. Varieties like Robinson or Nellie Pockett are ideal for this work.

Stock that has been planted outside with the idea of being lifted and potted up in September, should not be neglected. The copious rains this year have kept such stock from needing any watering, but they should be kept pinched and where black fly appears dust liberally with tobacco dust. In a wet season like

Bed of Decorative Plants at Lincoln Park, Chicago.

this plants outside are often attacked by one or the other of the leaf diseases, and we believe in keeping them sprayed with the potassium sulphide in the proportion of one ounce to two gallons of water. Prevention is better than cure.

BRIAN BORU.

CARNATION NOTES.

Some of the carnation growers are getting ready to plant their houses and we have noticed a few who are already setting the plants in the benches. We have had a very favorable season for carnations in the field and it will be found much better for the plants to be housed within the next month while they are medium sized than to wait until they are extremely large and soft. The plants will suffer very little now while they are not so large, for there is not so much foliage to be kept fresh for a few days while the roots are taking hold.

The plants are not growing quite so rapidly during this month and the first half of next month as they will during late August and September, when the nights are cool and the dew is heavy. And yet just now the plants are a trifle softer than I like to have them at planting time, due to excessive rains during the past ten days. Last year our plants were exceedingly small, considering that they were planted from 3-inch pots, on account of the dry summer, and the foliage seemed to have very little sap in it, but when they were planted in nice moist soil and kept syringed for a few days they took hold at once and grew as though they were trying to make up lost time, and they did make it up, too, before the holidays.

Some varieties, though, must make good-sized plants in the field to be profitable and these, of course, do best in a moderately moist season, but if you can lift them after a moderately dry spell I believe you will find it a benefit. The first few thousand we lifted last fall received a thorough soaking the night before they were dug and they lifted fine, but later on we lifted a lot more without watering them first and they did just as well as the others, so we discontinued the watering part of it altogether, except that the roots were dipped into a pail of water as they were picked up into the boxes. There are other varieties, however, that do far better if medium sized plants are housed early and allowed to make most of their growth inside.

Try to empty and refill a whole house at a time. You will make more headway by so doing and it will be much better for the plants if you can shade the whole house as it will be considerably cooler. We cover the bottom of our benches with about an inch of old cow manure and we find it very beneficial to the plants. Many growers object to this, preferring to put it on top or give it in liquid form, but we find it saves us a great deal of liquid feeding and the plants seem to like it. On top of this fill in your soil so as to make about four inches if the soil is well pulverized, but if it does not lay close put on a half inch more.

I have never seen the necessity of first packing the soil before planting as our soil always settles down enough to become good and solid, but possibly there are soils that are so light as to make it necessary. It would be advisable to mix in some clay soil if your soil is of this light, loose kind, and for next year try to find a good heavy loam to compost.

A. F. J. BAUR.

DECORATIVE PLANT BEDS.

We present in this issue engravings from photographs of two beds of decorative plants in Lincoln Park, Chicago, this summer.

One, as will be noticed by reference to the picture, is filled with palms, rubbers, crotons and other decorative plants in considerable variety. The effect is certainly very pleasing and we congratulate Head Gardener Stromback on the result.

The other bed contains only crotons and Pandanus Veitchii. The broad and narrow leaved crotons are well interspersed and contrasted and the effect is good. The bed is divided into sections by bands of the pandanus. In among the crotons some peperomias are scattered. The croton seems destined to take an important place among our bedding plants in time, and the sooner we know how to use them to best advantage the sooner will they be more generally used.

VIOLET NOTES.

We have had such a large rainfall all through this section, in fact unprecedented for the season of the year, that it has been very hard to get chances between showers to plant out stock. The soil is so wet that it is not fit to handle and by the time it just begins to get so you can touch it, it rains again.

However, a little at a time we have finally succeeded in getting all our violets planted and they are looking nicely. Owing to these conditions our shading is necessarily very light, consequently they will have to be closely watched and the first time that it really clears off with the appearance of staying so for a few days, the houses will have to be at once shaded.

Vigilance pays; don't think that now they are in the ground they will grow and take care of themselves, while you rest.

We find that the weeds are starting thickly among those first planted and they will have to be gone over at once. You will find those little hand scratchers most excellent tools for this purpose, if you do not already use the same. Also watch the plants closely and see that no aphis, either green or black, get a start, for if they have only a few weeks' (or even days') start now they will prove disastrous next winter. They must not be allowed to get a foothold if you expect to have good violets.

Also keep an eye out for the little green black worm that destroys the leaves in short order. And watch out for red spider, which one is much more apt to let get in, in such rainy weather than when it is dryer and you syringe heavier. Violet culture is a continual do and don't and a general vexation of spirit; really it comes pretty close to being a lottery.

Carnations are in the field and are making the most of these rains. They are looking first-class although somewhat soft, still not as much so as they would be if it were not that we have hard winds between showers.

Chatham, N. Y. R. E. SHUPHELT.

MISCELLANEOUS SEASONABLE HINTS.

Smilax.

Amidst the midsummer heat and consequent laziness there are some crops that need their foundation laid during this month. As important as any to the general florist is smilax. Only last year one of our scions said we did not have room for it and could buy it. A big mistake for any man who has any glass. Twenty-five or fifty strings for a decoration you can buy and won't forget to provide, but you will be slipped up dozens of times during winter when you only want a string or two and have to send a mile or more to get it.

Many a time I have insisted that smilax should be planted every year, and that early in July. Old beds get bare at the bottom of the growths and do not send up successive crops so fast and require much more attention to keep in order. Most any soil will grow smilax. In a light sandy loam the growth will be weak. The best soil is a clay loam with at least a fourth of cow manure or stable manure if not too fresh. There is no need of making a bench. Right on the floor of the house is the place for it, and as it's only to last the year six inches of soil is an abundance.

I feel reluctant to repeat so often the principal points in smilax culture, but there may be a blacksmith or barber or preacher just joined the noble army of florists who will take a hint. It does not need a light, bright house; any house running north and south will do. It should be daily syringed. It should never be neglected in tying up. Two weeks' neglect of tying up the house for it to run on will give you days of most annoying work. When a string is cut before it is well matured the plant should not be watered till the young growths are well started or you will rot the tubers. That is why it is always better, when starting, to cut a bed from one end. It is most desirable to start at one end of the bed and cut all strings that are any way fit to cut; then you can manage the watering without trouble. When making a vigorous growth you can scarcely over water it. Ten inches between rows and eight inches between plants is a good distance to plant, and finally, it is not profitable unless kept steadily up to 60 degrees at night throughout the winter, and where it is made a specialty 65 degrees is better.

Asparagus Plumosus Nanus.

Asparagus plumosus is another article indispensable not only for the long strings but for the sprays. Unlike its cousin, the smilax, there is no need of making a planting of this every year. In fact it is better left several years. And we have learned from experience, and profited by the knowledge of experts with this plant that it should always be on the solid ground. For instance, if the house you intended to use for asparagus had a fairly dry surface you could dig up six inches (if fairly good soil), work in plenty of manure and with six inches of good rich soil above the ground level you would have a bed a foot deep and have just the right conditions. Never have the bed, however rich or deep, on boards or tiles. To once more use the words of Mr. Elliott, "Never divorce it from mother earth." A rather heavy well manured soil is what it wants and 55 to 60 degrees grows it well.

Speaking of manure for this asparagus tribe, and the smilax belongs to it, you know, most of you, how to make a good asparagus bed. In the old orthodox kitchen garden they were made two feet deep. Dead horses and perhaps dead ancestors were buried in them, and lots of other ingredients, and so they got asparagus shoots like a ten-cent Roman candle and that's all there is in the difference of asparagus. The "giant" varieties advertised is in the manure, that's the giant. And our ornamental asparagus are also voracious feeders.

There is another asparagus as useful as any, yes, perhaps the most useful green grown and used by the florist, A. Sprengeri. It needs a deep rich soil, a bench of five or six inches of soil will not sustain it the whole year. It is worth giving a bed as you do A. plumosus although it needs no such good and lofty house. About 60 degrees at night grows it well. Now some of you may have such a place in your establishment as that in which I saw this growing last November. It was in a range of six rose houses, equal span, all connecting and no partitions; four-inch cedar posts supported the gutters, which were six feet above grade; steam pipes hung on the posts and three or four feet above the floor; a path on each side of post. Now you will see that there was a space right under the gutter between posts in which you did not walk and which would be unused if the owner had not received some inspiration from his own brain. Between every post were glass boxes set on edge; the boxes were 16x24 and perhaps four to five inches thick. These were filled with soil and planted with Asparagus Sprengeri. I never saw better, and thousands of sprays had been and would be cut. Although the width of soil was only four or five inches it was sixteen inches deep and the Sprengeri was sending out sprays three feet long. I am not saying that this range was built with the most economical arrangement, but as it was built that way it was turned to most excellent account and a good many hundred dollars were taken from that range besides what the roses produced.

There seemed last winter far more than ever a demand for some graceful green, and to have it in abundance on your place is just as essential as to have roses and carnations. Maidenhair fern is beautiful and never can be in disfavor, but in large vases or bunches of flowers something larger and bolder is needed, and here is where plumosus and Sprengeri come in, and they never come in fast enough to meet our wants.

Mignonette.

This is very easy to grow and can be overdone and perhaps not over-profitable, still very useful, and when well grown brings a good price for the best sprays and the inferior can be used with cut flowers. If you want it by the first of November it should be sown about the 15th of this month. If not wanted before Christmas wait till August 1. Mignonette should have nothing but the lightest house. The glass may be twenty feet above it or two feet, that won't make any difference, except that a small cheap house is just as good as an expensive one. Don't go below 40 degrees or above 45 degrees at night in firing weather and you will have good mignonette. Some growers sow a few seeds every twelve inches apart on the bed and thin out to the strongest plant. Twelve to fifteen inches apart is close enough for each plant. Others sow a few seeds in 2½-inch pots, and when ready to plant divide the contents into three parts.

It is well known that the mignonette handled as we do an aster or balsam is often a failure transplanted, but with a good lump of soil they will not feel it. It is well to have three or four little plants in a group for some mishap may occur, and when two or three inches high you can thin out to the strongest, and when about three inches high is the time to pinch out the top so that they branch out. You cannot grow good spikes unless you keep the lateral growths pinched off, and, like everything else we grow, and there is any money in, it requires labor. The greatest enemy we have found to the mignonette is the green cabbage worm, the larva of the yellow or sulphur butterfly. The little worm is so precisely the color of the mignonette leaf that it would take the keen shooter's eye of a Cartledge or Lonsdale to detect them. A very weak solution of Paris green syringed over the plants will fix them, and by early October they disappear. Mother butterfly has gone to the happy hunting ground.

Pansies.

I have been watching the pansy trade in our town and vicinity this spring, and made some mental memorandums that will benefit me. Let me say here that if a bed of pansies is wanted to last all summer (just as feasible as a bed of verbenas), the seed should not be sown till end of January or even later. If you intend to winter them in a cold-frame covered with sash and have very early plants in bloom by middle of April (remember I am talking about western New York) then early in August will do.

But if you have none of these conveniences, and wish to have a lot of early pansies to sell early in May, entirely grown in the field, then they should be sown by the 15th to 20th of this month of July. If well cared for and transplanted at proper time they will be stout branching plants before winter sets in, and, if surviving the winter in good order, will be ready to open their welcome faces at the first warm days of spring. Sow in very shallow drills two inches apart, only just cover the seeds, and never let the seed bed get dry. It will not be a large plot of ground, and you can afford to give it the best of attention. The most critical time with seed

Bed of Pandanus and Crotons at Lincoln Park, Chicago.

is when it is just bursting through the ground. Don't bother with shade but water the seed bed twenty times a day if necessary. Never let it be dry till the plants are up.

William Scott.

WOOD AS FUEL.

In view of present coal difficulty, would appreciate any information you may be able to supply concerning relative efficiency of coal and wood for steam heating during fall and winter of five or six months in a greenhouse establishment of some 12,000 or 15,000 square feet of glass. How much (cords) of 4-foot wood would I need to burn to equal steam producing power of one (1) ton of furnace (hard) coal?

As I am bothered by water in cellars in fall and spring, thus making it impossible to keep the fires going, would like a suggestion as to how the houses (200x20) could be heated by some portable heaters. Have three such houses, two being connected. Would it be possible to keep out frost on such occasions by using say four medium-size oil heaters for each house? No. 404.

Replying to Correspondent No. 404, the heat producing powers of all woods when thoroughly dry have approximately the same value per pound of wood; it will thus readily be seen that the heavier the wood (when dry), the greater the heating value per cord. In general practice, 2¼ pounds of wood (dry) will give the same results as one pound of anthracite coal. Of the woods most readily procurable the heat values are in about the following order:

Hickory, white oak, maple, beech, red and black oak, poplar, chestnut and elm; thus, a cord of dry hickory is equal to two thousand pounds of anthracite coal, a cord of white oak to seventeen hundred pounds of anthracite coal, beech, red and black oak to fourteen hundred pounds of anthracite coal, poplar, chestnut and elm to one thousand pounds of anthracite coal.

The value of wood for fuel depends very largely upon its dryness, the value decreasing very rapidly with the percentage of moisture held by the wood.

I know of no portable heaters which could be satisfactorily used for temporary heating houses of the sizes given (200x20). If it is not immediately convenient to make your boiler cellar water tight, why not run a circuit of steam pipes over-head in each house, say a one-inch flow and return for such temporary heating, using a small steam boiler which can be placed on the ground level.

Henry W. Gibbons.

New York.

THE COMING CONVENTION.

It's refreshing to hear from other cities of the preparations that are making for the trip to Asheville. It's a good, long journey for those whose stamping ground is located in northern New York or Minnesota or the wilds of Canada, but think of what you will get in return for the expense of this southern trip. Many of us would kiss the well-washed feet of an earthly angel, and here we are promised when crossing the passes of the Appalachian Mountains to take a smack at the understandings of a real angel. It is hoped that Mr. Deake has ordered a goodly sized flock of these celestial cherubim, so that there will be one for each brother and that they will float along horizontally by the side of the cars, so that this pleasant incident can be accomplished without an unusual kinking of neck or vertebrae, for some of those who intend journeying to Asheville love delicacies, but are willing to refrain from them if they come with too much physical inconvenience.

Dropping these mythical and celestial features, there are many good reasons why all who possibly can should be in attendance at the annual convention of the S. A. F., and some of the reasons, with the editor's permission, I should like to comment on. At Indianapolis last February the writer was given the great honor of responding to the toast, "The Society of American Florists." I did not deserve the honor, and have many times since reflected on the poor effort made. Some men can talk better with their tongues than with their pens; others the reverse. Some have plenty of good ideas and thoughts, but would soon get nervous if talking to an audience five minutes without raising a laugh. So the opportunity to say many good, truthful and deserving things was lost and the effort petered out into more or less amusing stories.

It is the duty of all who are physically and financially able to be at Asheville. The old guard will be there sure, but we want more than that. The S. A. F. has done much for all of us; more than most realize. It may have destroyed the profits of some fakir firms, which no honest man regrets, but has made all acquainted with "who's who." It has been the medium of our getting acquainted personally not only with the leaders of the profession, but with hundreds of lesser lights whose acquaintance has been just as pleasant and just as much cherished. It has been a healthy stimulant to the whole trade. We have learned from each other. It is the parent, if not the sustainer, of our florist papers, and who will dare to say that the rank and file of the florists of the country could get along without them?

A few bright men are gifted with the inspiration to originate methods of culture in advance of what has gone before and the rest of us are purely copyists. I don't attribute the marvelous increase of glass and the use of flowers of the past fifteen years to the influence of the S. A. F., but for the labor-saving, expeditious methods of producing these plants and flowers we owe much to the national society. Ours is a profession, and, like the legitimate medical profession, has no secrets. A few men may keep a wrinkle to themselves, but the majority of the leaders are proud to diffuse their knowledge to their fellow craftsmen. There are any amount of fools, lazy and indolent men, who will not take advantage either by observation or advice. The good society may have threshed out many of the practical and more familiar subjects, yet there is an immense field of work before it.

And now we are ornamental horticulturists as well as florists, and do you realize what that rather high-sounding title implies? Unlimited is the vision before us, and instead of being exhausted for topics the field of knowledge is inexhaustible. To keep up the good work of the society, to create enthusiasm, it is necessary to have a good, lively meeting.

Help along the good cause of which you are all beneficiaries, for by stopping at home without a very substantial reason you are exercising selfishness and a lack of public spirit, as well as disloyalty to the good society to which you owe so much.

I spoke in favor of a visit to Asheville and I don't regret it, whatever the result. All our northern cities bear a great resemblance, and there is really little difference in them except size. North Carolina is truly southern. It will be an education which, for those susceptible to it, will be a great blessing. We shall meet a people with whom we are not acquainted, a people, and their offspring, who forty years ago fought valiantly for what they believed was their right, but who now are as loyal to this real republic as the farmer of Vermont. We shall see mountain slopes and green valleys clothed with a verdure new to many of us, and with nature's best blessings of a beautiful country and a salubrious climate we shall return to our homes replenished with vigor of mind and body.

The Book of Solomon contains countless admonitions regarding the blessings of knowledge. You can gain a great knowledge of the world sitting by your own fireside if you choose the right reading and sources of information. Yet there is nothing like seeing for yourself, and travel is the greatest educator, as a well-stored mind is the most continuous and lasting blessing within the reach of man. See and observe all you can, and don't think that the acquisiton of the dollar is the chief aim in life. The dollar is most useful to meet obligations, but beyond the necessities and moderate comforts of life it's not a blessing. So don't say you can't afford a trip to Asheville, and don't let's hear that you have been fishing in Muskoka that week. Fish some other day.

The president of the society is known to you all. He is one of the most earnest, substantial and capable men in our brotherhood. He accepted the presidency knowing that the society was going to the south to a location far removed from the "madding crowd" of florists and where all at first thought the attendance might be slim, although I now believe it will be good. He could have been president any time within the past ten years had he desired the honor, and now it has been given to him by the unanimous vote of the society. He, John Burton, deserves a splendid meeting and the loyal support of every member.

William Scott.

NEW YORK.

Club Outing.

Monday, July 7th, was a great day among the florists of this section. The summer outing of the New York Florists' Club was unanimously voted a great success, and our sympathy is extended to those who were unable to attend. Early in the morning the clans began to board the steamer Isabel, and when all the blue badges were pinned on the party was taken for a delightful sail up the Sound, as far as Execution light house, returning to Witzel's Park shortly after 1 o'clock, where a very good hot dinner was served and thoroughly enjoyed by the two hundred and thirty present. But let us return to the morning. On the boat refreshments of all kinds were there in unlimited quantities. Mr. Metz, who is accustomed to fixing up bracers and croton water for florists in the wholesale district, had charge of the commissary department. He, with numerous assistants, was kept busy all the time. Ping Pong was played on the upper deck. The experts, D. Y. Mellis and Joe Manda, were the instructors. We are unable to say who won the prize. There were two bands of music, the black and the white alternating to the stern and bow. The pleasant time on the boat was worth the money charged.

At the grove during dinner the bands discoursed the popular airs of many lands, much to the pleasure of the party. In the afternoon fun ran riot out on the fields where the following games were played: Baseball match, married versus single men, was won by the singles with a score of 18 to 2. The teams were lined up thus:

Singles.		Married.
E. Braudt	1st b	Wheeler
Kessler	3d b	Phillips
Guttman	c	Scollay
H. Schmutz	p	Traendly
J. Manda	s s	Langjahr
Fenlick	2d b	Mellis
Roth	1 f	L. Schmitz
Hayden	c f	Hillebrand
P. O'Mara	r f	Burns
Score 18.		Score 2.

Wheeler won the prize for most runs, and O'Mara was voted the star batter. Joe Manda got the sweet caps for base hits and Wheeler handed round the box of pure Rosa's given by President Sheridan.

The ladies' bowling match was a hot contest. We often pitied the official scorers. Frank Traendly's prize for married lady was won by Mrs. J. Cook. Wm. Elliot's prize for single lady went to Miss F. L. Demeusy. It was a five frame game. Following are the results:

Mrs. A. Moss	4	Mrs. P. B. Meissner.	26
Mrs. J. Reimels	13	Miss Lewis	30
Mrs. J. Cook	50	Miss M. Donoghue	11
Mrs. Kreshover	13	Miss L. Swenson	10
Mrs. J. Theilman	46	Miss Demeusy	49
Mrs. F. Traendly	8	Mrs. Elmore	1
Mrs. Bunyard	12	Miss Auer	23
Mrs. W.H. Siebrecht	26	Miss B. Koch	24
Mrs. W. Duckham	28	Miss E. Koch	36
Miss A. Elmore	33	Miss Manda	26
Mrs. F. Chapman	27	Mrs. L. Schmutz, Jr.	23
Mrs. A. L. Miller	36	Mrs. A. Schmutz	29
Mrs. J. V. Phillips	0		

The fat men's race was won by Frank Traendly; John Nugent, second; Harry Bunyard, third. H. Clucas, Alex Burns, J. Austin Shaw and others did not compete. Charlie Weathered's prizes for the girls' race, 1st prize was won by Miss L. Nugent; second, Miss L. Butterfield; third, Miss Freda Schenck. Alex Bunyard's prizes for boys' race, 1st went to Joe. Douglas; 2nd Larry Schenck; 3rd, Fred Theilman. Clucas & Boddington's case of Harrisii bulbs and knife for three-legged race was won by Harry Von der Schmidt and Fred Theilman. Fat men's bicycle race was won by Frank Traendly, with Harry Bunyard a hot rival. The game of quoits between Madison and New York was won by the former in following order:

New York.		Madison.	
P. O'Mara	7	A. Herrington	13
J. Manda	4	W. Duckham	8
	11		21

Alex Wallace gave prizes for the boys' bicycle race, and they were won by Alex H. Donaldson and John Duncan.

There were many other games of which we could not keep track.

On the return journey Mr. O'Mara presented the prizes to the victors with pleasant, witty remarks. Afterwards dancing was indulged in till the dock was reached about 8 p. m.

We wish to give the very highest praise to the members of the committee, Frank Traendly, William Elliott, Harry Bunyard, D. Y. Mellis and John Birnie. They worked hard and succeeded in giving the New York florists and their families one of the best outings ever enjoyed. There was not a blemish. The entire party was like one great family and any profession could be proud of them. To give a list of names would be naming the best of the business element. Many were of the opinion that such gatherings should be more frequent. Next affair may be larger but it cannot excel in the good that is required in life.

J. I. Donlan.

INDIANAPOLIS, IND.

It was with deep sorrow that the florists of this city learned of the death of our good friend and brother florist, Wm. G. Bertermann. His death was not a surprise to his many friends as he had been in poor health for several years, and although he had been traveling, both in this country and abroad, seeking a climate that would be beneficial to his health, he had been gradually growing weaker from day to day, until at last he was compelled to halt at Sacramento, Cal., where he died June 29.

There was no florist in the city who was better known or better liked than Will Bertermann and he was always a welcome visitor wherever he went. He has been an active member in several societies in the trade as well as outside, and his words were always listened to with interest in our club meetings. He was one of our oldest members. He was one of the leaders in our famous mum shows from the beginning until his health failed him, and last year, after several unsuccessful attempts had been made at a fall show, he undertook the task almost single-handed, and worked up the finest flower show ever held in this city. The strain was too great for his already weakened body, and he was obliged to go south soon after the show closed.

At the American Carnation Society meeting in Baltimore he was elected president of that body, but after getting the work started in preparing for the convention in this city last February he was obliged to turn the leadership over to the vice-president and our own state society president, he even being unable to attend the convention.

Mr. Bertermann was for many years a member of the Society of American Florists and seldom missed the annual conventions. Also a member of the Rose Society. Outside of the above societies he was a member of numerous fraternal societies and was very popular among the business men of the city.

Wm. G. Bertermann was born in Germany in 1857 and came to this country in ---2, but did not come to this city until 1878, since which time he has been engaged in business here. Beginning in a small way, but attending to business strictly, he, in company with his brother John, has worked up one of the largest florist businesses in the country.

He was unmarried and made his home with a widowed sister, who survives him, besides his brothers John and Edward.

The funeral was held July 5th from the home of John Bertermann on East Washington St. The florists of this city

Mass of Cattleya Trianae, grown on wooden block.

and a few from outside attended in a body to pay their last respects to our good friend and brother florist. There were perhaps more flowers than at any funeral in recent years, some very pretty pieces being sent by individual florists in addition to the large broken column sent by our state society. The funeral ceremonies were in charge of the Masonic Lodge of which he was a member.

Out of town florists at the funeral were E. G. Hill, F. Dorner and F. Dorner, Jr., Chas. Rieman and H. Hartje.

The next meeting of our state society will be a memorial meeting in honor of Mr. Bertermann. The meeting will take place on Tuesday, Aug. 5, at the regular meeting place in the Commercial Club rooms. A. F. J. Baur.

CATTLEYA TRIANEA.

This cattleya is probably the most profitable to grow of any of its genus, flowering as it does in midwinter when the demand for flowers is at its height.

The illustration shows a mass of plants of this cattleya growing on a wooden block and in full bloom. When well established the plants will produce four flowers to a spike, this being very common among plants that have been grown for a year or two.

The flowers of C. Trianæ are very large, the sepals and petals being of a delicate blush color and the lip a very vivid crimson purple. They can be bought by the thousand in the eastern markets during their season, and always figure prominently in the great midwinter functions.

There are many varieties of this charming cattleya and some very rare; C. Backhousiana being one of the most distinct. C. Trianæ is a good grower and will do well nailed on boards or fixed up in any of the usual methods, though for the beginner baskets will be found the most suitable receptacle. Do not run the plants dry at all, but keep them fairly well supplied with water all the season, more being needed in the summer than later when the growth is completed.

One of the most valuable features of C. Trianæ is the fact that its flowers do not come in crops like those of C. labiata or C. Mossiæ, but will spread over a season extending from December to April inclusive, if one has a sufficient number of plants.

C. Trianæ comes from Colombia, where it must originally have been very plentiful for a tremendous quantity of plants have been imported to this country alone in the past five years. C. T.

ST. LOUIS.

The Market.

Business for the past week was considered good. Quite a lot of funeral work was done, which with a few late weddings made trade very satisfactory for the first week in July.

Sweet peas are coming in by the bushel, the abundance being due to the recent rains. All of the light colors sell well, but plenty of the darker shades are left unsold.

Roses are plentiful, that is, of the second quality, mostly Brides, Maids and Gates. Red roses are scarce, only a very few coming in. Beauties are also scarce, not enough coming in to go around, as the demand is always good for good Beauties.

Carnations are not overplentiful, only a few fairly good ones coming in. Monday a big lot of carnations came in fast asleep, which were, no doubt, fine when they left the shipper. The bulk of carnations are small and not salable.

Good valley is still to be had, with plenty of it on hand for the demand. These, with plenty of hollyhocks, feverfews and cornflowers, make up the daily receipts at the wholesale houses, which are sold at the following prices: Roses, from $1 to $4 per 100; Beauties, $1 to $3 per dozen; carnations, 50 cents to $2 per 100; sweet peas, 25 cents per single 100 and $2 in 1,000 lots; hollyhocks, $1 per 100; feverfews and cornflowers, 25 cents per 100; smilax, scarce and poor, 15 cents per string.

Notes.

Mrs. Wm. Ellison, of Ellison & Tesson, left last week for the north to spend the summer. Mr. Wm. Ellison left the week previous. A. Y. Ellison and Miss Ellison will join them by August 1. They expect to remain until September 15.

F. C. Weber furnished 200 American Beauties for the opening of the new National Bank of Commerce, which is considered the finest in the country.

Dr. A. S. Halstedt of Belleville was in town Saturday. The doctor says that the Belleville boys will come to the picnic in a body and will do everything in their power to make it a success.

Mr. R. F. Tesson has recovered from his sickness and is around again attending to business. Robert says that should the World's Fair people succeed in condemning his mother's property he will have to move all his rose houses this summer, and this would be no easy matter.

The trustees are working hard to make the picnic a grand affair. They are arranging games of all kinds with prizes for the children and the older folks. The

famous band of negro singers has been engaged for the enjoyment of the children. There will be dancing, boating, fishing, bowling and shooting. This will make it pleasant for everybody, and should the weather man be good to us on that day a large attendance will be assured, and we shall all have a good time. The trustees will meet this week and arrange for the different committees to take charge of the different sports. The florists should not forget the date, Thursday, July 24. Those who have not received programs may be supplied by addressing any one of the trustees.

Those who have made up their minds to attend the S. A. F. convention next month should send in their names as soon as they can to J. J. Beneke, 1220 Olive street, who already has quite a number of names.

A very sad and painful accident befell Mrs. John Young at her home on Sunday night. She missed her footing and fell down a long flight of stairs, breaking her arm and sustaining other injuries. Mr. Young reports that, while the injuries to Mrs. Young are very painful, nothing dangerous will result from the fall. Mr. and Mrs. Young have our sympathy.

Bowling.

The July series were begun Monday night. The weather was red hot and eight of the faithful came and rolled three games. The handicaps were somewhat changed. We now have three scratch men, one of whom was high man Monday night.

	H.	1	2	3	Total.
John Sturtz	0	148	200	204	552
F. C. Weber	27	179	183	170	532
A. Meyer	10	202	168	146	516
J. J. Beneke	3	165	163	184	512
Theo. Miller	30	170	188	153	511
C. A. Kuehn	0	156	189	141	486
Will Adels	35	138	153	183	474
A. Y. Ellison	0	157	151	139	447

BOSTON.

Various Items.

Well, boys, business is pretty tough and no mistake! And whether all hands (except me) have made money enough to last over the Sahara of the summer months or not I hardly dare guess. Perhaps we better pass the hat.

Probably because the cool June kept flowers in better condition than usual, not so many by far have thrown out plants as could be expected and are still cutting and trying to market the crop. Next week, however, will probably witness a heavy falling off in quantity and quality. Kaiserin roses have hardly made their regular showing yet. They were quite plentiful for a few days some little time ago, then took a rest, but are now coming quite freely and quite good. So are all other kinds.

Vacations are beginning among both the florists and more ordinary people, as evinced by the number of Back Bay residences with shutters put up.

P. L. Carbone was the first to start for Europe, sailing July 2. During his absence his Boylston street place will be enlarged and thoroughly refitted, the granolithic floor, sloping on all sides to a drain in the center, being the most important change. The work is already well under way.

Gypsy moths and brown-tails are getting in their work. Did you know that an old gun loaded with an ordinary charge of loose powder and held some three or four feet away from a nest or gathering of caterpillars will blow them to kingdom-come in just about three-eighths of a second with no damage to anything else?

If you are interested in up-to-date park arrangements go and see the sand garden for the little folks near the mouth of the subway on the public gardens. Or if you want to see a small army of small people just enjoying themselves go to the same place.

The "Wholesale Bat and Ball Team" complains that the Park street nine refuses to meet them on the diamond angular field. Come, Brimstones! fire up and give them a smell of future punishment!

Mr. F. W. Clark, well and very favorably known to habitues of Park street, has been quite sick with a complicated heart trouble, but is now recuperating at Northfield. J. S. Manter.

PHILADELPHIA.

The Market.

The cut flower market is quiet, thoroughly summerlike, so to speak. The supply is decreasing, not one-half the stock of a month ago is coming in town. Beauties are falling off in quality. It is rather a difficult matter to get enough select stock to fill the orders. The features are some really fine Kaiserins (this rose is very plentiful now), a few Carnots (chiefly George Anderson), a few orchids, lily of the valley (which can be had in quantity), and some really fine carnations. The first asters have made their appearance; Leo Niessen having some fair flowers that brought $1 to $1.50 per 100. He thinks they will be quite plentiful in a short time. Centaurea imperialis makes a fine show in the store windows. Pond lilies are also in evidence.

President Burton's Address.

The July meeting of the Florists' Club was favored by an eloquent address from John Burton, president of the S. A. F. O. H. Mr. Burton gave a graphic account of the trip to Asheville, which he felt sure all the Philadelphia florists would enjoy. The fare is quite expensive—$6 for a round trip ticket to Washington, D. C., and $14.95, Washington to Asheville and return by the Southern Railroad, making $20.95 in all. But the accommodations at Asheville are excellent and quite inexpensive. The place is one well worth seeing. Biltmore being one of the finest country seats ever laid out. The people are warm-hearted and most hospitable, and while no very elaborate preparations for the entertainment of visiting florists have been made, Mr. Burton is confident that the well-known southern hospitality will more than make up for any absence of formal entertainments. It is to be hoped that every Philadelphian who reads these lines will make an effort to join our delegation to Asheville next month, and heartily support the national society and its able leader.

Marketing Cut Flowers.

It is interesting to note that many of our leading men are becoming convinced that the days of peddling cut flowers are numbered. Some favor commission houses, some a market, while others believe that both commission houses and market working side by side will prove the ideal method for the disposal of our product. Besides the arguments of loss of time and deterioration of stock caused by peddling it is thought that when flowers are cheap and plentiful the retailers might often be induced to buy good stock in quantity that now goes to the fakirs or the dump. There is reason to believe that the time is ripe for concerted action in this matter. The vast quantities of glass being erected this summer will make it absolutely necessary to cut down running expenses to a minimum if this extra glass is to yield fair returns to the growers.

Notes.

Joseph Bevis, of Limekiln Pike, will grow one house of Liberty this season.

Joseph Wolff, Sr., has gathered quite a collection of orchids in his house at Twenty-ninth street and Sedgeley avenue.

R. M. Eisenhart, of Torresdale, is remodeling his violet plant.

Richard Smith, of Holmesburg, is building a violet house 22x150. Mrs. Smith, who is a relative of the well known retailer, Robert Crawford, Jr., will attend to the business. There are several smaller houses on the place.

A. Goutrom, of Holmesburg, is starting in business with two houses 22x150.

Edward Reid is making preparations to increase the capacity of his commission house one hundred per cent. Mr. Reid does not believe in much cold storage. Flowers should be sold, not kept, he thinks. The increased space will be chiefly for packing and handling, with another of his naturally cooled rooms for carnations. Three of the crack carnation growers who ship here—Kester and Fullmer, of Cardington, and Emil Lieker, of Lansdowne—will add considerably to the capacity of their plants this summer. The former will double, the second named will add one-third, while the Lansdowne grower expects to put up about 5,000 feet more glass.

Bowling.

The third evening's play in the race for places on the bowling team to go to Asheville developed an exciting contest with the certainty of several places being in doubt until the last pin is bowled over. It is probable that even then ties will have to be rolled off. The scene of battle was shifted to the Columbia Alleys. The scores while fairly good did not reach high water mark. It is interesting to note that D. T. Connor, who made 174 in the first game, failed to secure one of the six points by a few pins. W. K. Harris and Falck were obliged to withdraw, leaving fourteen players in the race. The scores follow:

George Anderson	468	John Westcott	416
S. Dunlap	455	D. T. Connor	414
B. Starkey	440	W. R. Gibson	404
Geo. M. Moss	435	Wm. Robertson	404
J. P. Habermehl	432	Robert Kift	392
G. C. Watson	423	George Craig	384
S. Adelberger	416	Frank Polites	379

The scores by points: Moss, 3; Starkey, 3; Kift, 2; Watson, 2; Polites, 1; Robertson, 1; Connor, 1; Craig, 1; Gibson, 1; Dunlap, 1; Anderson, 1; Habermehl, 1. Phil.

Benton Harbor, Mich.—The Greenhouses of Thos. Archer & Son have been purchased by Alfred Crooks, who is now repairing and improving the buildings.

"YOU NEED IT in your business"—The Florists' Manual, by Wm. Scott.

SAMUEL S. PENNOCK, Wholesale Florist.

SELECT VALLEY..... 1612 Ludlow St. PHILADELPHIA, PA.

During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.

Mention The Review when you write.

ADAMS, MASS.

T. D. Brown, the popular florist, has again found it necessary to increase his plant and has contracted with Lord & Burnham Co. for a house 16x60, erected complete. He reports carnations as looking extra well in the field, probably on account of the very cold and rainy weather we have had for the past month. Business has been the best the past season of any since he started, it being impossible for him to grow flowers enough for his trade. He hopes by the addition of the new house to be in position to supply the trade that comes his way.

A. J. Boothman has his houses cleaned out of bedding and vegetable plants and has planted his houses to tomatoes, which look as though they would give a good crop of fruit soon. O. S.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Greenhouse of 6000 ft. of glass; best location in northern Ohio; town of 8,500; two of the three greenhouses going out of business. Good reason for selling. Floyd Anderson, Norwalk, Ohio.

FOR SALE—My greenhouse, almost new, 25x125 ft., filled with plants to suit the trade. As good a retail stand as there is in St. Louis. Place will stand the strictest investigation. Price, $2,250 for house and lot, stock to be taken at market prices. Purchaser to have priviledge of 25 ft. adjoining at $30.00 a foot, and another 25 ft. with 6 room house. Fred Huke, 4579 Evans Ave., St. Louis, Mo.

FOR SALE—About 300 ft. 4-in. cast iron pipe 700 ft. 3-in. wrought iron pipe, 200 ft. 2½-in., 250 ft. 2-in., 300 ft. 1½-in., about 5,000 lights 6x8 glass in boxes and a No. 4 Weathered boiler which is worth $100 but will sell for $60; been in use only 5 years. Mrs. M. I. Butler, 13 Chesterfield St., Readville, Mass.

FOR SALE—2,000 second-hand greenhouse glass (not covered with putty nor broken), $3.50 per 100. Pipe, from 1 inch to 4 inch (not cast stuff), and sash bars and fittings. Chas. Helm, Stevens Point, Wis.

FOR SALE—On account of the death of my husband I wish to sell my greenhouse and stock, and 2 acres of ground. Address Mrs. Schewa, Gardenville, Balti Co., Md.

WANTED TO RENT—By responsible party, an established florist business in one of the western states, about 12,000 feet of glass. Give full particulars in first letter. Address Ambition, care Florists' Review.

WANTED—Hot water boiler. Hitching's preferred; 500 ft. 4-in. pipe and 300 boxes glass 14x16 or longer. Swan & Son, Sturgeon, Wis.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

WANTED—A reliable married man who is a worker, and can grow roses, carnations, mums and general line of plants. State age and wages with house. References. Harry Donnelly, Rosebank, Station B, Cincinnati, Ohio.

WANTED—A good A No. 1 rose grower, one that is also able to take entire charge, at times, of a general retail establishmeut of 10,000 feet of glass. Address T. B. S., care Florists' Review.

WANTED—A competent rose grower. Must be sober, reliable, industrious, and capable of growing good roses. Wages $13.00 per week. References required. Gesler & Drury, Galesburg, Ill.

WANTED—A good second-hand florist refrigerator, medium size, plain. Address, W. J. Miller, 403 E. Water St., Pontiac, Ill.

WANTED—Rose grower to take charge of section. Steady position to right party. J. F. Wilcox, Council Bluffs, Iowa

WANTED—A second-hand 40-horse power boiler in good condition. Address A. Peterson, Hoopeston, Ill.

FOR SALE—Best florist business in Southern Illinois in live business town. Fine trade in cut flowers and plants. Plant of three houses. Water heat. Will be sold cheap. Address Illinois, care Florists' Review.

FOR SALE—Coil boiler, second-hand, capable of heating 1500 sq. ft. of glass. All complete. ($25.00) Twenty-five dollars. Main & Pear, Gloversville, N. Y.

FOR SALE—Flower store; greenhouse, 20x42; benches, boiler, new; everything in good repair. Reason, going out of business. Bears investigation. 3026 Eastern Ave., St. Louis, Mo.

SITUATION WANTED—By young lady thoroughly experienced in floral designing; good saleslady and book-keeper, also very handy about greenhouses. Address Chicago, care Florists' Review.

SITUATION WANTED—By a rose and carnation grower by July 15. 10 years' experience. Married. Please state wages. Must be a first-class place. Address Grower, care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—A young gardener (a German preferred) who understands taking care of palms and other plants; also to help in flower store in St. Louis. Address St. Louis, care Florists' Review.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

FOR SALE—12 boxes glass 16x22 and 12 boxes 16x24. S. S. A. Carefully packed, at $2.75 per box. Davis Bros., Morrison, Ill.

FOR RENT—A prosperous retail and wholesale business; new houses complete; 15,000 feet of glass, 16x24; one acre of land and dwelling; rent $60 per month; opposite Woodmere cemetery gates; one mile from Detroit, Mich. Address Autou Kaier, Woodmere P. O., Mich.

WANTED—A reliable man to take charge of retail place, 2000 ft. glass; steady; good home, $20.00 and board. W. J. Olds, Union City, Pa.

WANTED—A young man with some experience in greenhouse. State wages with room and board. Must be sober, reliable and a good worker. Address Fred. J. King, Ottawa, Ill.

WANTED—Three or four good rose growers. Good wages to right men. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

WANTED—Two men for general greenhouse work. Steady work to the right ones. Chapin Bros., Lincoln, Neb.

WANTED—Working foreman used to growing roses. Cole's Greenhouse, Battle Creek, Mich.

WANTED—To rent with privilege of buying, a medium size place in good condition; Illinois, Iowa, Indiana or Michigan. Address 50, care Florists' Review

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

WANTED—Man experienced in general greenhouse work. $25.00 per month and board. Crabb & Hunter, Grand Rapids, Mich.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 723 E. State Street, Redlands, Cal.

WANTED—Young man to learn the greenhouse business and the growing of roses and carnations; state age. Apply to John L. Wyland, De Haven, Pa.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED.

Experienced traveler to sell European plants, bulbs, seeds, etc., to wholesale seedsmen, florists and nurserymen. Must be of gentlemanly appearance, healthy, sober and energetic. Steady position. State reference, former occupation and salary wanted. Address confidentially,

AUG. RHOTERT, 26 Barclay St., NEW YORK.

Mention The Review when you write.

....FOR SALE....

2000 feet of 1¼-inch pipe				$0.04 per ft.
30 Globe Valves,		1¼-inch		.75 each
4	"	2-inch	1.50	"
2 Angle	"	iron body, 2½-inch	2.00	"
1 "	"	" " 4-inch	5.00	"
1 Globe	"	" " 4-inch	5.00	"

All in First-Class Order.

J. F. AMMANN, - Edwardsville, Il..

Mention The Review when you write.

For Sale at a Bargain

Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address F. S., care Florists' Review.

Mention The Review when you write.

SECOND-HAND BOILERS FOR SALE.

I am changing my boiler plant, putting in larger ones, and therefore have

15 SECOND-HAND BOILERS, IN GOOD CONDITION, TO SELL

Among them are: 5 Hitchings No. 16, 3 Furman 7 to 11, and several tubular boilers. They will range from 25 up to 75 horse power.

Write for particulars. They will be sold at a bargain.

A. N. PIERSON, - - Cromwell, Conn.

Mention The Review when you write.

Valley and Beauties of Extra Fine Quality.

WILL BE OPEN from 7 A. M. to 6 P. M. AFTER JULY 1st.

LEO NIESSEN,
N. W. Cor. 13th and Filbert Sts.
PHILADELPHIA, PA.

CINERARIA, CALCEOLARIA and CHINESE PRIMROSE.

UNRIVALED STRAINS FROM ENGLISH SPECIALISTS.

Cineraria—English Prize Giant-Flowering, Mixed, per pkt., 500 seeds, 25c; ½ tr. pkt., 60c; tr. pkt., $1.00
Calceolaria— " " " " " " " 500 seeds, 25c; ½ " 60c; " 1.00
Primula (Chinese Primrose) English Prize, Fringed, Mixed.....per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.
Primula Forbesii (Baby Primrose) Rosy Lilac .....per 100 seeds, 25c; 500 seeds, $1.00
Primula Obconica Grandiflora .....per 100 seeds, 20c; 1000 seeds, $1.50
Pansy—J. & S. Kingly Collection—The finest strain of Giant Pansies now offered to the trade. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; per oz., $5.00.

JOHNSON & STOKES, 217-219 MARKET STREET, PHILADELPHIA, PA.
Mention The Review when you write.

THE ROSE SOCIETY'S MEDALS FOR NOVELTIES.

The executive committee of the American Rose Society at its last meeting, held on June 20, took final action upon the conditions under which its medals for novelties would be offered for competition at exhibitions of other societies. It was

Resolved, That the gold medal and silver medal of the American Rose Society be offered to the Pennsylvania Horticultural Society and to the American Institute of the City of New York for competition at the March shows of those bodies in 1903; and to the Chicago Horticultural Society for the fall show of 1902; in each case the conditions governing the awards of the medals are:

Gold medal for the best new rose not yet disseminated; whether of domestic or foreign origin. Exhibits to be judged by the official scale of the American Rose Society, and no medal to be awarded to any rose scoring less than 95 points.

Silver medal is offered at the same time and under the same conditions for a novelty scoring not less than 85 points.

It is further ordered that the complete scores of all entries in the competition be filed with the secretary of the American Rose Society before the award of any medal is confirmed. No duplicate medals will be awarded. It is understood that though the award of the gold or silver medal may be made to the same variety from one exhibitor in different centers only one medal will be delivered to the exhibitor.

The executive committee of the American Rose Society reserves to itself the right of selection of the judges who shall pass upon the exhibits in the competition for these medals.

Leonard Barron, Sec'y.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

H. Beaulien, Woodhaven, N. Y., registers the following named dahlias:

Alexander Wallace. Show. Large flower; color, bright red. Stem fourteen inches or more. Plant, four feet high. Bloomed in four months from seed and last year flowered steadily from July 12 till frost.

Uncle Sam. Cactus. Color, carmine, growing lighter. Early and continuous bloomer; never growing over two feet in height.

Mrs. E. T. Royle. Show. Flower three inches across; color of Daybreak carnation. Height, 2½ feet. Early free bloomer.

Wm. J. Stewart, Secy.

CHRYSANTHEMUMS.

We have a large stock of fine plants from 2½-inch pots, ready to ship on short notice. Our selection of Standard Varieties, $20.00 per 1000; $12.00 per 500. Write for prices on large orders. Following is a partial list; send for complete list.

	Per 100		Per 100
T. Eaton	$4.00	H. A. Parr	$3.00
Nellie Pockett	8.00	R. Hailiday	4.00
Lady Roberts	8.00	Major Bonnaffon	3.00
Mrs. E. D. Smith	6.00	Philadelphia	5.00
Golden Beauty	8.00	Modesto	3.00
Mrs Chamberlain	8.00	Nagoya	3.00
Mme. F. Bergmann	3.00	M. de Montmort	3.00
Willow Brook	3.00	Glory of the Pacific	3.00
Merry Monarch	3.00	Lady Harriott	6.00
Polly Rose	3.00	Maud Dean	4.00
G. S. Kalb	3.00	Xeno	3.00
Ivory	3.00	Geo. W. Childs	4.00
Mrs. J. Jones	3.00	Intensity	4.00

H. WEBER & SONS, OAKLAND, MD.
Mention The Review when you write.

WHOLESALE GROWERS .....OF.....
Narcissus and Daffodils
FINEST VARIETIES.
Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.
WHOLESALE BULB GROWERS,
PETERSBURG, VA.
Mention The Review when you write.

Extra Fine Valley
During the Summer
$4.00 to $5.00 per 100
H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.

W. J. Cowee, Berlin, N. Y.
Manufacturer of
MACHINE WIRED TOOTHPICKS
10,000....$1.50; 50,000....$6.25
3000 6-inch Wired Flag Sticks, $1.20
Samples free. For sale by dealers.

CABBAGE PLANTS! Burpee's All-Head. Fottler's Brunswick. Succession and All-Season. Field-grown. 15 cents per 100; $1.00 per 1000.
JOHN G. LEHDE, Forks, Erie Co., N. Y.

ROSE PLANTS!
One-year-old Brides and Maids. Wood well ripened and cut back, in fine condition to plant. Sword Ferns, Asp. Sprengeri.
J. H. BORNHOEFT, Tipton, Ind.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

George M. Moss
WHOLESALE FLORIST.
Beauties, Brides, Maids, Carnations, Daisies, Sweet Peas, Smilax and Asparagus.
32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.

EDWARD REID
WHOLESALE FLORIST.
Valley and all seasonable summer flowers.
1526 Ranstead Street, PHILADELPHIA.
Store closes at 6:30 P. M. Saturday 1 P. M.
Long Distance Telephone.
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FRED. EHRET,
WHOLESALE FLORIST,
Specialties: Bridesmaids, Brides and Beauties.
1403-05 Fairmount Ave., Philadelphia.
Long Distance Telephone.
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Eugene Bernheimer,
WHOLESALE FLORIST,
SPECIALTIES:
Carnations, Roses, Valley and Sweet Peas
1604 Ludlow Street,
Long Distance Telephone. PHILADELPHIA, PA.
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PITTSBURG CUT FLOWER CO. Ltd.
WHOLESALE FLORISTS, Pittsburg, Pa.

Cineraria, Giant Prize.....pkt., 50 cts.
Calceolaria, Grandiflora..... " 50 cts.
Primula, Chinese Fringed.... " 50 cts.
Cyclamen, Giganteum, 100 seeds, 75 cts.; 1000 seeds, $6.00.
Pansy, superb mixture.....oz., $5.00

W. C. BECKERT, Allegheny, Pa.
Mention The Review when you write.

Michigan Seed Co.
WHOLESALE GROWERS
GLADIOLUS, DAHLIA and CANNA
Flower Seeds and Bulbs.
SOUTH HAVEN, MICHIGAN.

THE E. G. HILL CO.
Wholesale Florists,
RICHMOND, INDIANA.
Mention The Review when you write.

Charles Millang, 50 W. 29th St. NEW YORK.

All through the early morning hours
I hear the music of the flowers,
And day and night their voices ring:
And this the song I hear them sing:—
"Long live Millang The Lily King!"

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

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ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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HERE IS A SLAUGHTER

PRICES BY THE HUNDRED.

MISCELLANEOUS BEDDING STOCK.

Ageratum, blue, 2¼-in	$2.00
Ageratum, P. P., 2¼-in	2.50
Cuphea, 2¼-in	2.50
Coleus, assorted, 2¼-in	2.00
Coleus, Verschaffeltii, P. & R., Golden Bedder, Her Majesty, 2¼-in	2.50
German Ivy, 2¼-in	2.00
Heliotrope, 2¼-in., $2.50; 3½-in., $4.00; 4-in.	6.00
Lobelia, 2-in	1.50
Lemon Verbena, 2-in	2.00
Marguerites, white, 3-in	4.00
Pyretheum, white, 3-in	4.00
Pyretheum, golden, 3-in	4.00
Single Petunias, in bloom, 2¼-in., $2.00; 3-in.	3.00
Salvia, 2¼-in	2.00
Verbenas, Mammoth, 2¼-in., $2.00; 3-in.	3.00
Vincas, 3-in., $1.00; 3½-in.	6.00

GERANIUMS.

Very strong and well established, 2¼-in., at $2.50 per 100 of the following varieties:
Alphonse Riccard, Atkinson, Beaute of Poitevine, E. G. Hill, Eliza, Frances Perkins, J. J. Harrison, La Favorite, Mountain of Snow, Mme. Salleroi, S. A. Nutt, Wonder. Our selection, $2.00.
L'Elegant, Mrs. Parker, Mars, Dryden, 2¼-in., $4.00 per 100.
America, 3½-in., $6.00 per 100.
Assorted Varieties, 2¼-in., $2.00; 3-in., $4.00; 3½-in., $5.00 per 100.
Red Bruant, S. A. Nutt, 3-in., $4.00; 3½-in., $5.00. Wonder, 3-in., $4.00 per 100.

Terms Cash or C. O. D.

GREENE & UNDERHILL
WATERTOWN, N. Y.

Mention The Review when you write.

YOU can plant at any time — Roses from 4 and 5-in. pots; Crimson Rambler, Gen. Jacqueminot, Coquette des Blanches, Clothilde Soupert, etc., fine clean plants, 9c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 2-year, from 5-in. pots, 18c; 1 year, from deep 3-in., 9c. Clematis Paniculata, 2-year, from 5-in. pots, 10c; extra from 6-in., 18c. Japan Gold Leaf Honeysuckle, fine 3 and 4-in., 10c. Also nice 2-in. Centaurea gymnocarpa, 2c. Henderson's Snowball and Selected Erfurt Cauliflower from 2-in. pots, 2c. Packing free for cash.
W. H. SALTER, ROCHESTER, N. Y.

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Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

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Our strains of the following florist flower seeds have been selected with the greatest care and can be depended on to give the very best results.

	½ tr. pkt.	Trade pkt.
Cineraria, Dreer's Prize Dwarf, xxx fine	$0.60	$1.00
" " " Tall, " "	.60	1.00
" " Choice Dwarf, very good		.50
" " " Tall, " "		.50
Calceolaria, large flowering, tigered and spotted	.60	1.00
	100 seeds.	1000
Cyclamen Giganteum, pure white	$0.75	$6.00
Rose, blood red, white, carmine eye	.75	6.00
Finest mixed	.60	5.00

CHINESE Fringed Primulas.

Full trade packets, any of the following, $1.00. Half-trade packets, any of the following, 60 cts. A trade packet contains from 500 to 1000 seeds, according to variety.

Alba, pure white.
Alba magnifica, an extra fine white.
Rubra, dark red.
Chiswick Red, bright scarlet.
Rubra Violacea, rredescent red.
Rosy Morn, delicate pink.
Kermesina splendens, crimson.
Holborn Blue.
Fern-leaved, mixed.
Dreer's Choicest Mixed, an extra fine mixture of all the finest sorts.

HENRY A. DREER, PHILADELPHIA, PA.

Mention The Review when you write.

Asparagus Plumosus,

Strong plants from 2-inch pots, $4.00 per 100; $30.00 per 1000.

Asparagus Sprengeri,

Strong plants from 2½-inch pots, $3.00 per 100; $25.00 per 1000.

5,000 ENGLISH IVY,

Strong plants in 3-inch pots, $5.00 per 100; $35.00 per 1000.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

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ZIRNGIEBEL GIANT PANSIES.

Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

WE control the American market (**and don't forget it**) in Araucaria Excelsa. Three large consignments of this favorite pot plant arrived early in May. Our houses are now full of them. Notice the following low prices:

ARAUCARIA EXCELSA,

5-inch pots,	3 tiers,	10 inches high	50c
5½ "	3 "	10 to 12 inches high	60c to 75c
6 "	4 "	15 to 18 "	75c to $1.00

Kentia Forsteriana, 25 to 28 inches high, 5½-in. pots, 5 leaves, 75c. **Kentia Belmoreana,** 20 inches high, 5½-inch pots, 5 leaves, 75c. All good, healthy stock. **Ficus Elastica** later. **Begonias,** tuberous rooted, fine color, 5-inch pots, $1.80 per doz. Mention if pots are wanted. Cash with order please.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 ONTARIO ST., PHILADELPHIA, PA.

Asparagus Plumosus

3-inch pots, at $5.00 per 100.

SMILAX, 2-inch pots, at $1.50 per 100.
Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.

A Few Money Makers.

	100	1000
Asparagus Plumosus 2½-in., strong	$5.00	$45.00
" " 4-in	8.00	
" Sprengeri, heavy stock, 2½-in	4.00	
Smilax, strong, 2-in	1.50	12.00
" from flats	1.00	6.00

ALFRED G. FEHR, Belleville, Ill.

Mention The Review when you write.

CHICAGO.

The Market.

The midsummer dull season has now arrived in good earnest. The demand has fallen off to such an extent that even what few good flowers come in move slowly and the poorest find no sale at all. On roses the range is $3 to $5 for the best and down to $1 for the poorest. In carnations really good whites reach $1.50 and even $2 for the best, but colored stock runs from $1 to $1.50 for the pick and from that down to 5 cents a bunch.

Sweet peas have improved in quality and are coming in very freely. The best bring 50 cents a 100, and from that prices range down to $1.50 per 100 bunches. There are lots of lilies in the market, both longiflorinm and auratum.

Since last report we have had considerable burning hot weather and old Sol extraeted a great deal of moisture from the soil. So much so that rains last Monday and Tuesday were not unwelcome.

But this was followed by very heavy rains Tuesday night and Wednesday that were not so welcome, and damage from too much water is again likely.

Various Items.

Kennicott Bros. Co. are making extensive changes in their establishment. The cool room under the sidewalk is being tiled and cemented, and when completed it will be an ideal place for storing flowers. Other improvements are also in progress.

Poehlman Bros. Co. are cutting some fine Crocker earnations now that sell readily at $2 per 100. They say that Crocker is a fine summer carnation, but that it does nothing for them in the winter.

Frank Holy, the Homan avenue florist, died last Saturday of pneumonia at the age of 51 years. He was born in Bohemia and came to this city twenty-seven years ago. He had established a good business. It will be continued by his widow and daughters.

Mr. and Mrs. C. L. Washburn are enjoying an outing at Athelstane, Wis. Mrs. Washburn will remain for the summer and Mr. Washburn will spend a few days there each week.

Chas. Erne, with E. H. Hunt, is nursing a broken arm as the result of a friendly boxing bout last Thursday.

President Winterson says out of town florists are already writing in for further information about the trip to Asheville.

Paul Swanson, a local grower of mushrooms, has begun the making of mushroom spawn at his place, 2747 Forty-seventh street.

D. C. Noble, Columbia City, Ind., was a visitor last week.

The quarterly meeting of the Horticultural Society of Chicago was held last Tuesday afternoon.

Wheeling, W. Va.—The Upland Nursery Co. has been incorporated with a capital stock of $30,000, of which amount $500 has been subscribed and $50 has been paid. Incorporators: John D. Driggs, A. H. Dondna and J. C. Dent of Bridgeport, Ohio, and J. M. Brown and E. E. Brown of Wheeling.

Hollyhock Rust.—A. G. M. asks: "Will some reader of the Review please tell me what to do to prevent the rust spots on hollyhock leaves?"

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
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WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Manager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
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All telegraph and telephone orders given prompt attention.
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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
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FRANK GARLAND,
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Special attention given to Hardy Cut FERNS.
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WM. DILGER, Manager.
Wholesale Florist Commission,
Full line of Florists' Supplies and Decorations
Special attention to shipping orders.
26 Miami Avenue, DETROIT, MICH.
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The Cincinnati Cut Flower Co.,
437-439 Main St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
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Our Stock Will Please Your Customers.

WE HAVE A FINE AND LARGE STOCK OF

KENTIAS, LATANIAS, ARAUCARIAS, ASPIDISTRAS, FERNS, BAY TREES and Miscellaneous **Decorative Stock.**

COOL GROWN AND IN EXCELLENT CONDITION.

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Supply Everything Used by Florists, Nurserymen, Gardeners, Seedsmen..... Cemeteries, Parks, etc.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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WHOLESALE FLORIST,

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316 Pine Street, - - ST. LOUIS, MO.

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GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

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SMILAX, 2-inch, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., Utica, N. Y.

Mention The Review when you write.

C. RAYNER, Anchorage Rose Houses, 632 4th Ave. LOUISVILLE, KY.

SPECIALIST FOR

Summer Grown ROSES and CARNATIONS

Also Headquarters for **Pot Roses** 3-inch, extra fine, Maids and Brides, **$4.00** per 100; **$32.50** per 1000. Cash with order.

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RUPP XXX SEEDS!

CHINESE PRIMROSE—Finest grown, large-flowering fringed; single and double: 15 varieties. Mixed, 500 seeds, $1.00; half pkt., 50 cts. **PANSY, FINEST GIANTS**—The best large-flowering varieties, critically selected. Mixed, 5000 seeds, $1.00; half pkt., 50 cts. **CINERARIA**—Finest large-flowering Dwarf. Mixed, 1000 seeds, 50 cts. **CALCEOLARIA**—Finest Dwarf, large-flowering; tigered and spotted, 1000 seeds, 50 cts. **DAISY**—Dbl. Giant, white and rose, separate or mixed, 1000 seeds, 25 cts.

Cash. A pkt. of ever-blooming Forget-Me-Not "Constance" added to every order.

JOHN F. RUPP, The Home of Primroses, SHIREMANSTOWN, PA.

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Burpee's Seeds Grow

HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

Primroses

	Per 100
Chinese, Obconica Grandiflora and Forbesii, 2-inch pots	$2.00
Asparagus Plumosus	3.50
Smilax, 2-inch pots	1.00

CASH OR C. O. D.

JOS. H. CUNNINGHAM,

DELAWARE, OHIO.

100,000 Smilax

Fine plants from 2¼-inch pots, ready for planting, $1.25 per 100; $10.00 per 1000; $15.00 per 5000.

The W. T. Buckley Plant Co.,

SPRINGFIELD, ILL.

Mention The Review when you write.

Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charlestou Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

TOMATO—In variety, 15c per 100; $1.00 per 1000.

PEPPER and **EGG**—25c per 100; $2.00 per 1000.

KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

CELERY — Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

PANSY SEED! Lehde's pansies are pronounced the finest on the Buffalo market. Twelve years of careful selecting has accomplished this. Large size, varied and rich colors, new crop now ready. ¼-oz., $1.00; 1 oz., $3.00.

John G. Lehde, Forks, Erie Co., N. Y.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACHYRANTHES.

Achyranthes Emersani, 2-in. pots, $2.00 per 100; rooted cuttings, 75c per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratum, blue, 2¼-in., $2.00 100. Princess Pauline, 2¼-in., $2.50 100. Greene & Underhill, Watertown, N. Y.

ALTERNANTHERAS.

Alternantheras, 2-in. pots, $2.00 per 100.
R. Vincent, Jr. & Son, White Marsh, Md.

AMPELOPSIS.

Ampelopsis quinquefolia, 5-in., extra strong $5.00 doz. Bobbink & Atkins, Rutherford, N. J.

ARAUCARIAS.

ARAUCARIA EXCELSA.

Pots.	High.	Tiers.	Each.
4-inch	5 to 7 inches	2	$0.35
5-inch	8 to 10 inches	3	.50
6-inch	10 to 15 inches	3 to 4	.75
6-inch	16 inches	4	1.00
6-inch	20 inches	4 to 5	1.25
7-inch	24 inches	4 to 5	1.50

ARAUCARIA EXCELSA GLAUCA.

Pots.	High.	Tiers.	Each.
5-inch	8 to 10 inches	2	$0.75
6-inch	12 inches	2 to 3	1.00
6-inch	15 inches	3	1.25
7-inch	18 inches	4	1.50

ARAUCARIA ROBUSTA COMPACTA.

Pots.	High.	Tiers.	Each.
6-inch	10 inches	2 to 3	$1.25
6-inch	12 inches	3	1.50

H. A. DREER, 714 Chestnut St., Philadelphia.

Araucaria excelsa glauca, 5-in., 3 tiers, $9.00 doz.; 7-in., 4 tiers, $24.00 doz. Araucaria excelsa, 7-in., 5 tiers, $24.00 doz. Bobbink & Atkins, Rutherford, N. J.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. We devote twelve large houses to this specialty. 2-in., immediate delivery, $4.00 per 100; $35.00 per 1000; 5000 for $150.00. Cut strings of asparagus at any time, $6.00 per doz.; $50.00 per 100. Asparagus, long sprays, $2.00 per 100; $20.00 per 1000. Sprengeri, 2-in., $3.00 per 100; $25.00 per 1000.
Emerson C. McFadden, Telephone, 28A, Short Hills, Short Hills, N. J.

Asparagus plumosus nanus, from 2¼-in. pots, just the thing for fern dishes or planting out, pays better than ferns to cut from, $3.75 per 100; $35.00 per 1000. Strong stock from 3-in. pots, will go right ahead to cut from if planted out now, $8.00 per 100. Cash with order.
JOSEPH TOWELL, Paterson, N. J.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000; A. Sprengeri, strong plants, 2½-in. pots, $3.00 100, $25.00 1000. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, 2½-in., strong, $5.00 100, $45.00 1000; 4-in., $8.00 100. A Sprengeri, heavy stock, 2½-in., $4.00 100. A. G. Fehr, Belleville, Ill.

Asparagus Sprengeri, 4-in., good stock, $6.00 100. Asparagus plumosus, 4-in., good stock, $8.00 100. Hull Floral Co., Morris, Ill.

Asparagus Sprengeri from flats, once transplanted, $1.00 per 100. Hoffman Bros., 768 Glisan St., Portland, Ore.

Asparagus Sprengeri, strong plants, 4-in., $8.00, 2-in. $2.00 per 100. A. Schmitt, Glenville, Ohio.

Asparagus plumosus nanus, 3-in., fine, strong stock from our own seed, $7.00 per 100.
Van Wert Greenhouses, Van Wert, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, $3.50 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 3-in., $5.00 100.
Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 4-in., $12.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASTERS.

Semple's white, purple, rose and shell pink; separate colors. $2.50 per 1000; all colors, mixed, $2.00 per 1000; 4000 for $5.00.
Comet, Daybreak and Ostrich Feather, varieties and colors mixed, $2.50 per 1000, 35c per 100.
Special prices on large lots of mixed varieties. A. & G. Rosbach, Pemberton, N. J.

Asters. Transplanted plants of Semple's mixed colors; Victory, Giant Comet, Trauffaut's Perfection, mixed. Fine plants, 40c per 100, $4.00 per 1000. Cash.
T. C. Breece, West Berlin, O.

Vick's and Semple's Branching and Paeony Perfection from 2½-in. pots, $1.00 100. Swan Floral Co., Findlay, O.

BAY TREES.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

BEDDING PLANTS.

	Per 100
Ageratum, blue and white, 3½-in.	$ 4.00
Double Petunias, 4-in.	5.00
Fuchsia, large	5.00
Heliotrope, 4-in.	8.00
Salvia, strong, 2½-in.	3.00
Salvia, strong, 3½-in.	6.00
Geraniums, 4-in.	7.00
German Ivy, 3-in.	2.50
Alternanthera, red or yellow, 2-in.	2.00
Achyranthes, red, 2½-in.	2.00
Achyranthes, red, 3½-in.	4.00
Caladium, 5-in.	15.00
Caladium, 6-in.	20.00
Cannas, 5-in.	8.00
Asters, separate colors, 2-in.	2.00
Coleus, strong, 2½-in.	3.00
Dusty Miller, 3-in.	3.00
Mme. Salleroi, 2-in.	2.00
Mme. Salleroi, 3½-in.	4.00

Cash with Order.
L. J. ROWE, Titusville, Pa.

	Per 100
Geraniums, best bedders in bloom; double scarlet and double pink, 4-in., $4.00; 3-in.	$2.00
Fuchsias, in bloom, in var., 4-in.	5.00
Coleus, in variety, 2½ and 3-in.	2.00
Torenia Belfordii, in bloom, 3-in.	2.00
Tradescantia quadricolor, in bloom, 3-in.	3.00
Begonia Vernon, in bloom, 2½-in.	2.00
Lantana, Bouton d'Or, 3-in.	2.50
Umbrella plants, 3-in.	3.00
Lobelia, Kaiser Wilhelm, 3-in.	2.00

Cash with Order.
John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Look at this, Geraniums.—S. A. Nutt, double and single Gen. Grant, Mrs. E. G. Hill, La Favorite and others, 3-in. pots, $4.00 per 100; 4-in., $6.00 per 100. Mme. Salleroi, fine, 2½-in. stock, $4.00 per 100.
Cannas.—Chas. Henderson, strong, 4-in., $5.00 per 100.
Coleus.—Fine, from 2½-in. pots, 6 varieties, $2.50 per 100.
English Daisies.—Pot grown, $3.00 per 100. A nice lot of Dracaena Iodivisa, 24 to 30 in. high from top of pot. $5.00 per doz. Cash, please.
L. C. Holton, Bennington, Vt.

ALL GOOD PLANTS.
Geraniums, S. A. Nutt, Bruant, La Pilote and other good vars., 3½-in. pots, $5.00 per 100; S. A. Nutt, 2½-in., $2.50 per 100. Heliotrope, 3 vars., 3½-in., $5.00 per 100. Cannas, C. Henderson, Mme. Crozy, Paul Marquant, F. Vaughan, fine plants, 4-in., $5.00 per 100. Vinca Vines, 3-in., $3.00 per 100. Scarlet Sage, Ageratum, dwarf blue, Browallia, Parlor Ivy, Torenia Asiatica, Thunbergia, Lobelia Crystal Palace Gem, all 2½-in., $2.50 per 100.
Cash with Order.
Wm. J. Chinnick, Trenton, N. J.

Coleus. Crimson Verschaffeltii, Golden Bedder and others, 2-in. pots, $1.00 per 100; $10.00 per 1000.
Alternantheras, P. Major (red) and A. Nana (yellow), 2-in. pots, $1.00 per 100; $10.00 per 1000.
Giant Sweet Alyssum, 2-in. pots, $1.50 per 100.
Cash with Order.
C. A. Harris & Co., Delanson, N. Y.

Alternanthera P. Major, well-colored, fine stock, 2-in., $2.00 100; $15.00 1000.
Coleus Golden Bedder and Verschaffeltii, 2½-in., $1.50 100.
Variegated border geranium, Mme. Salleroi, fine stock, 2-in., $2.00 100.
S. MUIR, 3530 Michigan Ave., Chicago.

Alternantheras, 2¼-in. pots; 4000 Yellow, 3000 Versicolor, 4000 Paronycholdes, $20.00 per 1000; 1500 Hermsdorff, $25.00 per 1000.
Cannas, all leading varieties, 5-in. pots, $8.00 to $10.00 per 100.
CHARLES E. KOCH, 326 Clarkson Street, Flatbush, Brooklyn, N. Y.

La Favorite ger., 4-in., $5.00. Mme. Salleroi, $2.50. Rex Begonias, 2-in., $3.00. Antheriums, 3-in., $2.00. Cash. Dana & Son, Westfield, N. Y.

BEGONIAS.

Begonias. Tuberous rooted, single (1¼-1½-inch bulbs), in separate colors, 20c per doz.; $1.10 per 100; $10.00 per 1,000. This exceptional offer is made to clear the stock.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Begonia Pink Vernon, good stock, 4-in., $8.00 100. Hull Floral Co., Morris, Ill.

BULBS.

Narcissus and Daffodils, Guernsey Lilies, Arum Lilies and Belladonna bulbs at moderate prices.
A. J. Collas, Paradise Vineries, Guernsey, Channel Islands.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

Freesia bulbs, ½-in. and up, $3.00 per 1000; ¼ to ½-in., $1.25 per 1000, prepaid. Samples on application. Cottage Nursery, 919 5th St., San Diego, Cal.

Bulbs, Plants, Seeds. Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

We are large importers of Holland, French, Chinese and Japanese bulbs. Write for our bulb list. Bobbink & Atkins, Rutherford, N. J.

CACTI.

Cacti and Succulents. Specialist, Importer and Exporter. Frantz De Laet, Contich, Belgium.

CARNATIONS.

Send for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

Carnations. Send to us for prices on what you need.
Geo. Hancock & Son, Grand Haven, Mich.

For rooted carnation cuttings write to John Brod, 349 W. North Ave., Chicago.

CASSIAS.

CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

CENTAUREAS.

Centaurea gymnocarpa, 2-in., 2c. W. H. Salter, Rochester, N. Y.

Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

CHRYSANTHEMUMS.

Chrysanthemums. Fine, strong plants from 2½-inch pots. Per 100:

T. Eaton	$4.00	George S. Kalb.	$3.00
N. Pockett	8.00	Ivory	3.00
Lady Roberts	8.00	Mrs. J. Jones	3.00
Mrs. E. D. Smith	6.00	H. A. Parr	3.00
Golden Beauty	8.00	R. Halliday	4.00
Mrs. Chamberlain	8.00	Bonnaffon	3.00
Bergmann	3.00	Philadelphia	5.00
Willow Brook	3.00	Modesto	3.00
Merry Monarch	3.00	Nagoya	3.00
Polly Rose	3.00	Xeno	3.00
M. de Montmort	3.00	Childs	4.00
Glory of Pacific	3.00	Intensity	4.00
Lady Harriott	6.00	Maud Dean	4.00

Our selection of standard varieties, $20.00 per 1000; $12.00 per 500. Send for complete list.
H. WEBER & SONS, Oakland, Md.

Chrysanthemums, fine surplus stock from 2¼ and 3-in. pots, $2.50 per 100; rooted cuttings, $1.00 100; Mulatsch, Poly Rose, Bonnaffon, Ivory, Lesch, Simpson, Montmort, Yellow and White Monarch, and Jones. Emil Lenly, West Hoboken, N. J.

Chrysanthemums, the largest and finest stock in the country.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00
YELLOW.		
October Sunshine	2.00	2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whilldin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00
PINK.		
Montmort	1.30	2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—Immense stock of COL. APPLETON rooted cuttings, $15.00 per 1000; 2½-in. pots, $20.00 per 1000. BONNAFFON rooted cuttings, $12.00 per 1000; 2½-in. pots, $18.00 per 1000. OCTOBER SUNSHINE rooted cuttings, $1.75 per 100; 2½-in. pots, 2.50 per 100. Fine stuff.

No order filled for less than $2.00, or less than 10 of a variety.

POEHLMANN BROS. CO., Morton Grove, Ill.

Chrysanthemums.	Standard varieties.
Bonaffon.	Minerva.
Cullingfordii.	Mrs. Jerome Jones.
Eureka.	Mrs. J. D. Whilldin.
Modesto.	Murdock.
Mrs. J. J. Glessner.	Mrs. R. McArthur.
Mrs. H. Weeks.	Mrs. O. P. Bassett.
Niveus.	Rose Owen.
V. H. Hallock.	Prince of Wales, large-flowering.
J. H. Woodford.	hardy white.

2½-in. pots, 30c per doz., $2.00 per 100, 1000, our selection, of from 15 to 20 kinds, for $15.00.

Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.

R. VINCENT, JR. & SON, White Marsh, Md.

Mrs. H. J. Jones.	Midge.
Alice Byron.	Ivory.
Glory of Pacific.	Appleton.
Mrs. H. Robinson.	Yellow Fitzwygram.
Maud Dean.	Xeno.
Yellow Jones.	Modesto.
Pres. Smith.	Lavender Queen.
V. Morel.	Nagoya.
M. Henderson.	Yanariva.
Geo. S. Kalb.	Mrs. E. D. Smith.

Mrs. S. T. Murdock.

Nice young stock, 2-in. pots, $2.50 100.

N. SMITH & SON, Adrian, Mich.

Chrysanthemums.—W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Parks, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.

Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.

R. F. Tesson, West Forest Park, St. Louis, Mo.

1500 Bonnaffon, 2½ and 3-in. pots, $2.00 per 100.

500 Glory of Pacific, 2½-in., $2.00 per 100.

700 Glory of Pacific rooted cuttings, $1.00 per 100.

500 Mrs. Robinson, 2½ and 3-in., $2.00 per 100.

W. Fowler, Hollyoak, Del.

Chrysanthemums, Wm. Simpson, Pacific, Polly Rose, Ivory, pink Ivory, Hayes, Bonnaffon, Jones, Maud Dean, at $2.00 100. Chadwick and Appleton out of 2½-in. pots, $3.00 100. Cash, please. J. H. Fiesser, 415 Summit Ave., West Hoboken, N. J.

Surplus Chrysanthemums. Bonnaffon, Jerome Jones, Merry Xmas, Maud Dean, 2½-in., ready to plant. Order at once. H. W. Field, Northampton, Mass.

1000 surplus 'mum plants. Timothy Eaton, 2½-in., 3c; 3-in., repotted, 5c. Major Bonnaffon, white and pink Glory of Pacific, F. B. Hayes, etc., 2 and 2½-in., 3c; 3-in., fine, bushy, repotted, 4c; 500 in variety, $15.00. These are all in fine condition, low, bushy and clean and are good value for your money. Cash with order.

GUNNAR TEILMANN, Marion, Ind.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.

MRS. J. W. CROUCH, Chattanooga, Tenn.

1000 strong chrysanthemum plants from 2½ and 3-in. pots—Bergmann, Oct. Sunshine, Bonnaffon, Viviand-Morel, Glory of Pacific, Col. Appleton, T. Eaton, Geo. Childs, Jones, Philadelphia—will take $18.00 for the lot.

JOSEPH LABO, Joliet, Ill.

Chrysanthemums. Mrs. Robinson, Yellow Queen, Philadelphia and Major Bonnaffon from 2-½ and 3-in., $2.00 100. Cash with order. F. Blondeel, 722 No. 64th Ave., Oak Park, Ill.

Chrysanthemums, E. G. Hill, Modesto, Maud Dean, Bonnaffon, Yanoma, Bigelow, Robinson, Bloodgood and Ivory, 2½-in., $2.00 100, $15.00 1,000. A. D. Montgomery, Hazelton, Pa.

Chrysanthemums. All good commercial varieties. R. C., $1.00 per 100; 2½-in., $2.50 per 100. Send for list. Krueger Bros., Toledo, O.

A few good chrysanthemums, leading varieties from 2½-in., $2.50 100. Harry White, R. D. No. 6, Wabash, Ind.

800 chrysanthemums, best varieties, quality guaranteed; 3-in., $2.50 100, 4-in., $6.00.

G. Van Bochove & Bro., Kalamazoo, Mich.

Chrysanthemum White Bonnaffon, 3-in., strong, $4.00 100. C. Winterich, Defiance, Ohio.

CLEMATIS.

Large-flowering clematis. Finest purple, white, lavender, and pink sorts, 2-yr., 5-in., 18c; 1-yr., 3-in., 9c. Clematis paniculata, 2-yr., 5-in., 10c; extra, 6-in., 18c. W. H. Salter, Rochester, N. Y.

Clematis Jackmani, 4-in., $5.00 doz. Clematis paniculata, 4-in., $3.00 doz. Bobbink & Atkins, Rutherford, N. J.

COLEUS.

Coleus. Elegant, strong plants, for immediate effect, from 3 and 2½-in. pots, 10 sorts, at $1.50 100, $10.00 1000, $18.00 2000. Mrs. M. Cavanaugh, Ionia, N. Y.

Coleus, assorted, 2¼-in., $2.00 100. Verschaffeltii, P. & P., Golden Bedder, Her Majesty, 2¼-in., $2.50 100. Cash. Greene & Underhill, Watertown, N. Y.

Coleus, 20 standard varieties, 2-in., $2.00 per 100. Cash.

R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 3-in., $2.00 100.

W. J. & M. S. Vesey, Fort Wayne, Ind.

CUPHEAS.

Cupheas, 2¼-in., $2.50 100. Greene & Underhill, Watertown, N. Y.

CYCAS.

Cycas revoluta, in assorted sizes from 3 to 12 lbs., 10c per lb. Special prices on large quantities. J. M. Thorburn & Co., 36 Cortlandt St., New York.

CYCLAMEN.

Cyclamen giganteum, extra fine strain and plants; in separate colors, ready in July; 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen, 2½-in., stocky plants, $3.00 100. Converse Greenhouses, Webster, Mass.

DAHLIAS.

Dahlias. Gloire de Lyon, Empress of Austria, Mme. Lorton, Mme. Furtaldo Oblata, Keyne's White, etc. Collection of 200 varieties, each 25c. Ready July 1.

BEAULIEU, Woodhaven, N. Y.

Dahlias. Surplus stock of the Pink Water Lily Dahlia, NYMPHEA. Fine for cutting; plant now for September blooms. Field roots, $3.00 per 100. W. P. Carre, Mantua, N. J.

Dahlia A. D. Livoni, fine bulbs, $2.00 per 100. R. B. Brown, Seabrook, N. H.

Dahlias, dry roots, $3.00 per 100.

Williams & Sons Co., Batavia, Ill.

DAISIES.

Marguerite Daisies, to close out, from 2½-in. pots, fine plants, $2.50 per 100.

George Smith, Manchester, Vt.

Burbank's Shasta daisy, $15.00 100. California Carnation Co., Loomis, Cal.

Marguerites, white, 3-in., $4.00 100.

Greene & Underhill, Watertown, N. Y.

DRACÆNAS.

200 Dracaena indivisa, 6-in. pots, 3 ft. 6 in. high, full heads, fine for vases, $15.00 per 100; $2.00 per dozen.

Ruxton Floral and Nursery Co., Ruxton, Md.

Dracaena indivisa, good stock, 2¼-in., $2.25 per 100 Cash. Hull Floral Co., Morris, Ill.

Dracaena indivisa, 5-in., 20c each. Crown Point Floral Co., Crown Point, Ind.

100 Dracaena indivisa, $15.00 per 100.

P. L. Larson, Fort Dodge, Iowa.

FERNS.

FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.

ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.

ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, N. J.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.

John H. Ley, Good Hope, Washington, D. C.

Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000, Beard Bros., West Fort St., Detroit, Mich.

FERNS IN FLATS. Buy from the grower and save jobber's commission, $1.50 per flat of 110 clumps. Sunnyside Ferneries, Secaucus, N. J.

Boston ferns, 3-in. $6.00, 4-in. $15.00 per 100; 6-in. 50c, 7-in. 75c, 8-in. $1.00 each. Cash.

W. J. & M. S. Vesey, Fort Wayne, Ind.

FERN BALLS, $3.60 per doz., $25.00 per 100. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Ferns for fern dishes, 2 and 2½-in. pots, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Fern Balls, good size, $25.00; extra, $30.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

Japan fern balls started, $5.00 doz., $40.00 100. Bobbink & Atkins, Rutherford, N. J.

GERANIUMS.

Geraniums. To close out balance of stock. All leading varieties from 4-in. pots, in bud and bloom, $4.00 per 100; $35.00 per 1000. Cash with order.

J. A. SANDERS & CO., 261 W. Pulteney St., Corning, N. Y.

Our geraniums that have been bedded in on the shelf are equal to 4 or 5-in. pot plants and we sell 'em at $3.75 100. We pack light.

E. I. Rawlings, Quakertown, Pa.

Geraniums, strong, well-established plants of leading varieties at $2.50 100; our selection, $2.00 100. Greene & Underhill, Watertown, N. Y.

Geraniums. Assorted, single and double, in bud and flower, 3-in., $6.00 100. E. & C. Woodman, Danvers, Mass.

Geraniums, 20 leading sorts, 2¼-in., $2.00 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums in bloom, fine stocky plants, 4-in., $6.00 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

GLADIOLI.

Cut Galdioli Stalks, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.

ARTHUR COWEE, U. S. Representative and Grower of Groff's Hybrids. "Meadowvale Farm," Berlin, N. Y.

GLADIOLI. CUT SPIKES. 25 acres. Can supply any quantity. C. Betscher, Canal Dover O.

Gladioli bulbs, 50c per 100.

Williams & Sons Co., Batavia, Ill.

HARDY PLANTS.

Norway Maples, 3 to 4 inches caliper, 14 to 15 ft. in height. We have a fine block of 2000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Philadelphia, Pa.

HARDY PLANTS—Continued.

Ampelopsis Veitchii, 1 year. No. 1, $3.00 per 100; $15.00 per 1000. No. 2, $1.50 per 100; $10.00 per 1000.

Yucca Filamentosa, 1 year. No. 1, $10.00 per 1000; No. 2, $6.00 per 1000.

Calycanthus Floridus, 1 year. No. 1, $2.00 per 100; $10.00 per 1000. No. 2, $1.00 per 100; $5.00 per 1000.

Azalea, Amoena and Viburnum Tomentosum, well rooted cuttings, $2.50 per 100; $20.00 per 1000.

SAMUEL C. MOON, Morrisville, Pa.

We are offering advantageous contract prices for 1902-1903, upon roses, clematis, paeonies, flowering shrubs, ornamental trees.

JACKSON & PERKINS CO., Newark, New York.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.

W. & T. Smith Co., Geneva, N. Y.

ALL HOLLAND NURSERY STOCK.
ENDTZ, VAN NES & CO.,
BOSKOOP. Catalogue free. HOLLAND.

HELIOTROPES.

Heliotropes, 2¼-in., $2.50; 3½-in., $4.00; 4-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

HONEYSUCKLES.

Japan Gold-leaf honeysuckle, fine 3 and 4-in., 10c. W. H. Salter, Rochester, N. Y.

HYDRANGEAS.

Hydrangea Otaksa in tubs, fine plants for decorations, $3.00 each. Bobbink & Atkins, Rutherford, N. J.

IVY.

English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.

Isaac H. Moss, Govanstown, Baltimore, Md.

German Ivy, 2¼-in., $2.00 100. Cash.
Greene & Underhill, Watertown, N. Y.

LILY OF THE VALLEY.

Extra fine VALLEY, $4.00 to $5.00 per 100.
H. N. Bruns, 1409 W. Madison St., Chicago.

LOBELIAS.

Lobelias, 2-in., $1.50 100. Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Mushroom spawn, very vigorous, gives extra large and heavy mushrooms. Paul Swanson, 2747 47th St., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.

Hall's Nurseries, Cherry Valley, Ill.

PAEONIES—September shipments.
J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

Phoenix, 4 and 5-in., $30.00 100. Kentias Forsteriana and Belmoreana, strong 3-in., $15.00 100. Pandanus utilis, 3-in., $15.00 100.

Williams & Sons Co., Batavia, Ill.

LATANIA BORBONICA. 20,000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.

Wanted—500 small asparagus plumosus nanus in exchange for above.

W. J. HESSER, PLATTSMOUTH, NEB.

Phoenix reclinata in tubs, 5 ft., $7.50 ea.; 6 ft., $10.00 ea. Kentias Forsteriana and Belmoreana in all sizes. Bobbink & Atkins, Rutherford, N. J.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Zirngiebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirngiebel, Needham, Mass.

Pansy plants from the famous Jennings' strain of seed, ready Sept. 1, at $4.00 1000. E. B. Jennings, Southport, Conn.

PEPPERS.

Oriental Peppers, strong 3-in. pot plants, in fruit, $2.00 per 100; 50 at 100 rate. Haskell Ave. Floral Co., Dallas, Tex.

Oriental Peppers, fine 2-in. stock, 6 best varieties, $2.00 per 100. J. F. Kidwell & Bro., 3806 Wentworth Ave., Chicago.

PETUNIAS.

Single petunias, in bloom, 2¼-in., $2.00, 3-in. $3.00 100. Greene & Underhill, Watertown, N. Y.

Petunias, double and single, fringed, 2½-in., $2.00 per 100. Cash.

R. Vincent, Jr. & Son, White Marsh, Md.

Petunias, Single, in bud and flower, 2-¼-in., $3.00 100. E. & C. Woodman, Danvers, Mass.

PRIMULAS.

Chinese obconica grandiflora and Forbesi, 2-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

PYRETHRUMS.

Pyrethrum, white and golden, 3-in., $4.00 100.
Greene & Underhill, Watertown, N. Y.

ROSES.

SURPLUS ROSES.

		100.
400 American Beauty,	3½-inch	$8.00
100 La France,	3½-inch	6.00
200 White La France,	3½-inch	6.00
200 American Beauty,	2½-inch	5.00
300 La France,	2½-inch	3.00
200 White La France,	2½-inch	3.00
500 Golden Gate,	2½-inch	3.00
400 Perle,	2½-inch	3.00
100 Bride,	2½-inch	3.00

The following from 2½-inch pots at $2.50 per 100:

Mme. Jos. Schwartz,	Empress of China,
Suzanne Blanchet,	Henry M. Stanley,
Mlle. F. Krueger,	Etoile de Lyon,
Hermosa,	Marie Guillot,
Niphetos,	Jean Pernet,
Mme. Etienne,	Pearl Rivers,
Clotbilde Soupert,	Pink Soupert,
Leonie Osterrieth,	Marechal Niel,
Gloriе de Dijon,	Climbing Wootton.

NANZ & NEUNER, Louisville, Ky.

GRAFTED ROSES.

1200 Bridesmaid, 3½-in. and 4-in. pots ..... $10.00 per 100
200 Golden Gate, 3½-in. and 4-in. pots ..... 15.00 per 100
100 Ivory, 3½-in. and 4-in. pots.. 15.00 per 100

These plants were intended for our own planting and are extra fine stock. Owing to space necessary for our new white carnation, LILLIAN POND, which is to be put on the market the coming year, we have to cut down our usual number of roses and therefore have these plants to offer. Cash with order.

S. J. REUTER, Westerly, R. I.

Roses for winter flowering. Fine, healthy stock from select cuttings.

Wootton,	Bon Selene,
Safrano,	Papa Gontier,
Maid,	Mme. Hoste,
Golden Gate,	Kaiserin,
Bride,	

3-in., $7.00. 4-in. $10.00 per 100.
Sunrise and Liberty, 3-in., $9.00, 4-in., $12.00 per 100.

GRAFTED ROSES. Kaiserin and Golden Gate, 3½-in., $15.00 per 100.

J. L. DILLON, Bloomsburg, Pa.

ALL FOR 100 DOLLARS.

1000 Bride, 3-in. pots, $30.00 per 1000.... $30.00
1000 Bridesmaid, 3-in. pots, $30.00 per 1000 ..... 30.00
1000 Geraniums, $30.00 per 1000..... 30.00
1000 Bedding Plants, 30.00 per 1000..... 30.00

$120.00

Must sell at once to clean up for new stock. Cash with order.

ROSEMARY ROSARIES, Glenbrook, Conn.

Well-grown rose stock in perfect condition to plant:

	100	1000
American Beauties, 3-in.	$8.00	$75.00
Perles, 3-in	5.00	50.00
Meteors, very fine, 3-in.	4.00	35.00
Golden Gates, extra fine, 3-in.	5.00	50.00
Brides, 3-in.	5.00	45.00
Brides, 2¼-in.	3.00	25.00
Maids, 3-in.	5.00	45.00
Maids, 2¼-in.	3.00	25.00

W. H. GULLETT & SONS, Lincoln, Ill.

ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots.

	2½-In. Per 100	Per 1000	3-In. Per 1000
Maids	$3.00	$25.00	$40.00
Brides	3.00	25.00	40.00
Meteors	3.00	25.00	40.00

Golden Gates, 2½-in., $3.00 per 100, $25.00 per 1000; 3-in., $4.50 per 100, $40.00 per 1000.

American Beauties, 3-in., $8.00; 2½-in., $5.00 100. Perles, 3½-in., $6.00 100.

POEHLMANN BROS. CO., Morton Grove, Ill.

ROSE PLANTS—SPLENDID STOCK.

Golden Gates 3-in	$5.00 per 100
Maids, 3-in	5.00 per 100
Brides, 3-in	5.00 per 100
Kaiserins, 3-in	7.00 per 100
Beauties, 3-in	8.00 per 100

A. C. BROWN, Springfield, Ill.

Roses. 1000 Bridesmaid, 200 Meteor, 300 Kaiserin, good bushy plants in 3-in. pots, ready for shift, $5.00 per 100, $45.00 per 1000. J. J. Cummings, 1131 W. Baltimore St., Baltimore, Md

5000 assorted rose plants in 3 and 4-in. pots, Golden Gate, Perle, Bride, Bridesmaid and Meteor. Write for prices.

SAM'L FEAST & SONS, 228 N. Charles St., Baltimore, Md.

SUNRISE has always taken a premium wherever shown; will be planted more generally than last season; 2¼-in. pots, $10.00 per 100; 3-in., $15.00 per 100.

Myers & Samtman, Chestnut Hill, Phila., Pa.

Surplus stock of forcing roses, in 2½-in. pots, carefully grown and intended for our own use: Bride and Maid, $2.50 100; Kaiserin, Meteor and Aug. Guioesseau, $3.00 100. J. B. Heiss, Dayton, Ohio.

SURPLUS ROSES, of all the leading varieties, in 2 by 2½, 2½ by 3-in. and 3-in. pots. Let us know your wants—we will make the price right. Geo. A. Kuhl, Pekin, Ill.

Roses from 3-in. pots, healthy plants—Am. Beauty, Bride, Maid, Wootton, La France and Golden Gate, cheap for CASH. Jos. Heinl, Jacksonville, Ill.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.

DINGEE & CONARD CO., West Grove, Pa.

AMERICAN BEAUTIES, 2½-in., $6.00 100. KAISERINS, 2½-in., $3.50 100. Choice, clean, healthy stock.

C. C. POLLWORTH CO., Milwaukee, Wis.

Bride, Bridesmaids, Perle and Golden Gate roses, 4-in., $8.00 per 100.

Geo. L. Parker, Washington & Rockwell Sts., Boston, Mass.

5000 healthy Bride and Bridesmaid roses at $4.00 per 100; $35.00 per 1000. 500 at 1000 rate. Cash with order. W. T. Hillborn, Newtown, Pa.

Maman Cochet roses, strong plants, 4-in., $12.00; 2-year-old, $15.00 100. C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Rose plants. Meteor, 2½-in., $3.50 100; Golden Gate and Kaiserin, 4-in., $8.00 100. Cash.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Crimson Rambler, Gen. Jacqueminot, C. des Blanches, C. Soupert, etc., fine, clean plants, 9c. W. H. Salter, Rochester, N. Y.

1,000 exceptionally fine Golden Gate roses, out of 3-in. pots, $4.00 per 100. A. F. Barbe, 1007 Walnut St., Kansas City, Mo.

Golden Gate Roses, 3-in. pots, fine plants, $4.00 per 100; $35.00 per 1000. Ruxton Floral and Nursery Co., Ruxton, Md.

Brides and Maids, strong plants. To close out, 3-in., $3.00 per 100; 2½-in., $2.00 per 100. Krueger Bros., Toledo, O.

American Beauty, 3-in., $7.00 100; 3-in., seconds, $5.00 100. Crabb & Hunter, Grand Rapids, Mich.

Roses. Brides and Maids. 2¼-in., $2.00 100, $18.00 1000. Cash with order.

Joseph Bradbury, South Orange, N. J.

Golden Gate Roses. Nice plants in 3 and 3½-in. pots, $65.00 per 1000.
ROBERT SIMPSON, Clifton, N. J.

Maids and Brides, 3-in., extra fine, $4.00 100, $32.50 1000. Cash. C. Rayner, Anchorage, Ky.

500 strong, 3-in. American Beauty rose plants, $7.00 100. P. L. Larson, Fort Dodge, Iowa.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Rubber plants, large-leafed, red-ribbed variety, 1st size $20.00 100, $175.00 1000; 2nd size $15.00 100, $135.00 1000. Bobbink & Atkins, Rutherford, N. J.

Rubber plants, per doz.—12-in., $2.50; 18-in., $3.50; 18 to 24-in., $5.00; 24 to 30-in., $7.00; 30 to 36-in., $9.00. Joseph Heinl, Jacksonville, Ill.

Top cuttings of Rubbers, 5 to 8 leaves, well rooted, out of 3-in. pots, $15.00 per 100.
A. C. OELSCHIG, Savannah, Ga.

SALVIAS.

Salvias, 2¼-in., $2.00 100. Greene & Underhill, Watertown, N. Y.

SANTOLINAS.

Santollaas for border or ribbon bedding, 750 plants, 2½-in., $2.00 100. Cheap. Cash. Geo. M. Brickerhoff, Springfield, Ill.

BUSINESS BRINGERS—
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Unrivaled strains from English specialists. Cineraria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Calceolaria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Primula (Chinese primrose), English Prize, fringed, mixed, 100 s., 25c; 500 s., $1.00; 1,000 s., $1.50. Primula Forbesii (Baby Primrose), rosy lilac, 100 s., 25c; 500 s., $1.00. Primula obconica grand., 100 s., 20c; 1,000 s., $1.50. Pansy, J. & S. Kingly collection, the finest strain of giant pansies now offered to the trade, 1,000 s., 30c; 2,000 s., 50c; 5,000 s., $1.00; per oz., $5.00.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

SEEDS. Chinese primrose, large-flowering fringed, single and double. Mixed, 500 seeds $1.00, half pkt. 50c. Pansy, large-flowering varieties. Mixed, 5000 seeds, $1.00, half pkt. 50c. Cineraria, large-flowering dwarf. Mixed, 1000 seeds 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Cash. A pkt. of new ever-blooming forget-me-not, "Constance," added to every order.
John F. Rupp, Shiremanstown, Pa.

Pedigreed seed from Rosecroft Gardens. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Dreer's Reliable CINERARIAS, PRIMULAS, etc. Our strains have been selected with the greatest care and can be depended on to give the very best results.
For varieties, colors, prices, etc., see displayed adv. in this issue, or write for our catalogue.
H. A. Dreer, 714 Chestnut St., Philadelphia.

Gold medal pansy, Mme. Perret, finest for cut flowers, won gold medal at Pan-American Exposition; the seed was supplied by me; same quality furnished; trade pkt. 50c, oz. $5.00. Giant Trimardeau, mixed, oz. $2.00. Other varieties at market prices.
BEAULIEU, Woodhaven, N. Y.

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SCHLEGEL & FOTTLER CO., Boston, Mass.

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Pansy seed, new giant Mme. Perret, true stock, 50c trade pkt., $5.00 oz. Our choicest mixture of the best strains, 50c trade pkt., $1.25 ⅛ oz., $2.00 ¼ oz. Walter Mott Seed & Bulb Co., Jamestown, N. Y.

Seeds. Giant Prize cineraria, Calceolaria grandiflora and fringed Chinese primula, 50c pkt. Cyclamen giganteum, 100 seeds, 75c; 1000 seeds, $6.00. Pansy, superb mixture, $5.00 oz.
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SMILAX PLANTS. 1500 strong, bushy plants from 2½-in. pots, ready now, $2.50 per 100. Cash. H. P. Owen, Box 84, Toughkenamon, Pa.

Smilax, 2-in., strong, bushy plants, $1.00 100, $9.00 1,000. Cash, please. Mail sample, 10c. R. Kilbourn, Clinton, N. Y.

Smilax, fine plants from 2¼-in., ready for planting, $1.25 100, $10.00 1000. Buckley Plant Co., Springfield, Ill.

1500 bushy 3-in. smilax, ready to bench at once, $2.50 per 100. Cash with order. Roney Bros., West Grove, Pa.

Smilax, transplanted from flats, strong, $1.00 100; $7.50 1000. Sample free. Huss Floral Nursery, Augusta, Ga.

Smilax, strong 2-in., ready for shift. $2.00 per 100, $12.00 per 1000. Haskell Ave. Floral Co., Dallas, Tex.

Smilax, strong 2-in., $1.50 100, $12.00 1000; from flats, $1.00 100, $6.00 1000. A. G. Fehr, Belleville, Ill.

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2000 smilax plants, strong 2½-in., $3.00 100. Murray The Florist, 403 Main St., Peoria, Ill.

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Strong, heavy smilax in 2-in. pots, $1.00 100; $9.00 1,000. Randolph Bros., Delavan, Ill.

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Smilax from 2¼-in., $2.00 per 100; very strong. Emil Leuly, West Hoboken, N. J.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C. Betscher, Canal Dover, O.

SMILAX, cut strings, good, $12.00 per 100.
EVENDEN BROS., Williamsport, Pa.

SMILAX PLANTS, 2½-in., $2.50 per 100.
C. C. POLLWORTH CO., Milwaukee, Wis.

Smilax, 2-in., $1.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Smilax, 2-in., strong, $1.50 100.
Albert M. Herr, Lancaster, Pa.

Smilax, 2-in., $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

STEVIAS.

Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Stevia, rooted cuttings from sand bed, 60c 100; 5c extra if by mail. Joseph Bradbury, South Orange, N. J.

25,000 Stevia rooted cuttings and 2½-in. pots. Poehlmann Bros. Co., Morton Grove, Ill.

Stevia, 2¼-in., bushy, $2.50 100. Crabb & Hunter, Grand Rapids, Mich.

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Celery plants. White Plume, Boston Market, Giant Pascal, Golden Heart, G. Self-blanching, strong transplanted plants, $2.00 1000, 25c 100. Veitch's Autumn Giant cauliflower, field-grown, $1.50 1000, 20c 100. Same, Mason cabbage, $1.00 1000. Cash, please. Samples 10c. R. Kilbourn, Clinton, N. Y.

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100,000 first-class cabbage plants from field. Wakefield, Charleston, All Head, Winningstadt, Succession, Sure Head, Holland, Flat Dutch, $1.00 per 1000. Chasa & Son, New London, Ohio.

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field-grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.
TOMATO—In variety, 15c per 100; $1.00 per 1000.
PEPPER and EGG—25c per 100; $2.00 per 1000.
KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.
LEEK—15c per 100; $1.00 per 1000.
PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.
CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grand, Winter Queen and other varieties, 15c per 100; $1.00 per 1000. Small plants for transplanting, 15c per 100; 75c per 1000.
If by mail add 10c per 100. Cash with order.
R. VINCENT, JR. & SON, White Marsh, Md.

Cabbage Plants—Burpee's All-Head, Fottler's Brunswick, Succession and All-Seasons, field-grown, 15c 100, $1.00 1,000. J. G. Lebde, Forks, N. Y.

Egg plants, 2000 from 2½ pots, $2.00 per 100. 1500 transplanted, good and stocky, 6 to 10-in. high, $1.50 per 100.
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200,000 fine celery plants, $2.00 per 1000. Giant Pascal, White Plume, Golden Heart, etc. Cash. W. T. Hillborn, Newtown, Pa.

Celery plants, 7 kinds. Strong stock, $1.25 per 1000. Special price on larger lots. S. W. Pike, St. Charles, Ill.

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Lemon verbenas, well-rooted cuttings from sand, 75c 100, prepaid; $5.00 1,000. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Mammoth verbenas, 2¼-in., $2.00; 3-in., $3.00; Lemon verbenas, 2-in., $2.00. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vinca, variegata and green, good stock, 2¼-in., $3.00 per 100. Cash. Hull Floral Co., Morris, Ill.

Vincas, 3-in., $4.00; 3½-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

VINES.

Aristolochia sipho (Dutchman's pipe), 5-in., $5.00 doz. Wistaria chinensis, 7-in., $9.00 doz. Golden Honeysuckle, 7-in., $9.00 doz. Bobbink & Atkins, Rutherford, N. J.

Lophospermum, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

VIOLETS.

	100	1000
Imperial, 2¼-inch	$2.75	$25.00
Marie Louise, 2¼-inch	2.75	25.00
Farquhar, 2¼-inch	2.75	25.00
Swanley White, 2¼-inch	2.75	25.00
Campbell, 2¼-inch	2.50	22.50

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30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
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Imperial and Marie Louise violets, healthiest stock in the country; large bushy plants, $1.50 per 100, $14.00 per 1000. Good strong plants from soil, $8.00 per 100. Cash, please. Wm. S. Herzog, Morris Plains, N. J.

Improved Farquhar violet. Most prolific; largest, darkest grown, $2.00 per 100; $18.00 per 1000. Imperial, $2.00 per 100; $16.00 per 1000. All fine stock for cash.
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Marie Louise violet plants from stock that secured four prizes the past year. Inspection invited. Apply for prices. C. G. Velie & Son, Marlborough, N. Y.

Violets. Marie Louise plants, large, vigorous, clean and healthy in every respect, $20.00 per 1000; $35.00 per 2000. Samples, 10 cents.
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Marie Louise violet plants. We have a large stock of clean, healthy plants from soil, $20.00 per 1000; $2.25 per 100. Cash with order.
L. R. Lane, Box 335, Babylon, N. Y.

VIOLETS—Continued.

Marie Louise violets, strong plants, February struck, healthy and free from disease, $10.00 per 1000. Cash with order.
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Imperial violets, the best double violet grown. Strong plants from 2-in. pots, $3.00 per 100, $25.00 per 1000.
Central Michigan Nursery, Kalamazoo, Mich.

Swanley White, M. Louise, Imperial, Lady Campbell, 2¼-in., $2.75 100; $25.00 1000. Crabb & Hunter, Grand Rapids, Mich.

MARIE LOUISE violets, fine healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Marie Louise violets, 2½-in., good stock, $2.75 100. Hull Floral Co., Morris, Ill.

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To Exchange.—Zamia integrifolia (Florida sago palm), bbl. lots, 6c per lb.; Yucca aloifolia, Y. filamentosa, Y. rigida, $5.00 to $25.00 per 100, large specimens $1.00 each and up. Cash or exchange for bedding stock. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

To Exchange.—American Beauty plants, fine stock in 3 and 4-in., for ferns or anything I could use. W. H. Waite, Greystone, Yonkers, N. Y.

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PULVERIZED SHEEP MANURE.—The most effective of all fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have, we feel assured of their patronage. Price per sack of about 2 bushels, weighing 90 to 100 lbs., $1.50; 500 lbs., $5.00; ton, $15.00.
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FLORISTS' BONE MEAL, a tried and tested brand, per sack (200 lbs.), $3.25; per ton, $28.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

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50-foot	$ 7.50
100-foot	14.00
200-foot	26.50
300-foot	39.00

Cut to 25 ft. lengths if wanted. Fitted with either coupler, Acme or plain.
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Mineralized Standard; best Hose made; ¾-in.; 3-ply, 7¾c. Mineralized Rubber Co., 18 Cliff St., New York.

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HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
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BAMBOO PLANT STAKES for chrysanthemums, etc. Strong ⅜ to ½-inch, 4 to 6 feet, per 400 $2.50; per 1200 $6.00. Cash with order.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Pots. Write for prices and sample pot.
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SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Brueu Mfg. Co., 208 Jersey St., Harrison, N. J.

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Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

BROOKLYN HORTICULTURAL SOCIETY.

The meeting of this society held Tuesday evening, July 1, was largely attended. President Ward occupied the chair. A constitution governing the society was submitted and with a few minor changes adopted. It provides for a permanent organization. The annual meeting will occur the first Thursday in February, 1903. Officers will be elected for two years. The annual dues are set at $5.

The society intends to hold exhibitions at stated times, and will bend its efforts to developing in Brooklyn and district a taste for things horticultural. The field is wide, the opportunities many, and it is believed that much good work will be accomplished.

A very gratifying addition was made to the entertainment fund. The Long Island florists are responding nobly to the call for assistance along this line, and a cordial and hospitable reception to the American Carnation Society next February will be the result of this liberality. There are, however, many more to hear from, and those desiring to help along the good work should send their contributions to the undersigned.

The society adjourned for the summer months, probably till October next.

Beaulieu, Woodhaven, made an exhibit of dahlia and pansy flowers, receiving honorable mention.

ALEX. WALLACE, Secy.
Box 1697, New York City.

CULINARY PEAS.

Some seed of the Thomas Laxton culinary pea sent us early this spring by Messrs. Laxton Bros., Bedford, England, were planted April 27th and the first crop was picked June 23d.

The variety proved to be a good grower, the pods were well filled and the peas sweet to the taste. It is a very desirable culinary pea.

SPRINGFIELD, ILL.—The firm of Brown & Canfield has been dissolved by mutual consent. Mr. A. C. Brown will continue the business of the old firm, and Mr. A. C. Canfield will build a range of greenhouses in the southwestern part of the city and grow roses, carnations, etc., for the wholesale market.

COLUMBUS, O.—Miss Anna Hellenthal, daughter of J. R. Hellenthal, the florist, was married to William Leonard, a popular young business man of this city, June 29.

BALTIMORE.

Here the weather for the past week has been hysterical—away up in the nineties or away down in the shivers, with rain every day or nearly every day.

Trade for midsummer continues fairly well maintained, carnations especially being in demand and all stock cleaned up. Roses out of doors are better in quality and go off very well, white varieties being sought for funeral work.

One day last week several Federal officials in the custom and revenue departments were inducted into their new posts, or reappointed, and there was a profuse display of flowers and plants in their quarters.

To-day, July 7, carnations are in moderate request.

Robert L. Graham, of Waverley, one of our enterprising florists, his wife and numerous of their offspring are on Wednesday to make a hazardous journey. It seems to us the reverse of judicious conduct for sane people at this season of the year to forsake "the hills of Maryland" to go summering in the sirocco-swept suburbs of your windy city, but they thus tempt fate and go to sojourn for several weeks in the mild, or wild, seclusion of Fox Lake, wherever that is, and we commend them to your friendly hands in case of droughts or floods.

Philip B. Welsh of Waverley, is pulling down his barns and building greater; in other words remodeling and modernizing a number of his plant houses.

Wm. McRoberts, a florist of Govanstown, was found drowned in a shallow tank in one of his greenhouses on the evening of July 4th. It is thought that in stooping to dip up a can of water he was taken with an epileptic fit. He learned his trade with the late James Pentland, was afterwards gardener at Hampton, one of the handsomest old-time estates near this city, and later succeeded to the business of the late Archibald Brackenridge, whose widow he married, and who with several children survives him. He was at one time an officer of the Gardeners' Club, and for a number of years has been the local correspondent of one of the trade papers.

R.

CINCINNATI.

The Market.

The effects of the hot weather were quickly shown in the quality of the stock coming in. Roses, with a few exceptions, are about played out. They are soft, lack substance, and open up before they can be sold. Red ones, especially, are hard to keep, and the demand for them is not very great at present. White stock is most in demand.

One of the best roses at present, all things considered, is the Marquise de Litta. This rose seems to revel in the heat, and it is in better form now than it has been at any time this season. It answers either for red or pink and there is quite a demand for it. The Liberty cannot stand the hot weather; it opens up very fast and is off color.

Some first-class Brides and Maids are still seen, but they are grown farther north and are shipped in. They meet a good demand, especially the white ones.

Carnations are scarce, especially white, which are almost impossible to obtain. Some fine Dorothy are coming in from E. T. Grave, Richmond, Ind., and are the best carnations in this market. They bring $2 per 100; other grades, 50 cents to $1.50 per 100.

Sweet peas are not overplentiful, that is, good ones, and there is a ready sale for them. There is any quantity of such stock as feverfew, candytuft, alyssum, etc., and at about your own price.

Various Items.

The programs are now out for the florists' outing, and from the looks of it there will be plenty of fun for every one. One event that is not down will be a wrestling contest between W. J. Rodgers and Ed Fries. As both of these men are now in training, a lively contest may be looked for. Thomas Jackson, who has charge of the quoit pitching, is an expert in this line. He claims to be able to throw a quoit as unerringly as a man can shoot with a rifle, and it is no vain boast, as he can do it.

E. G. Gillett's wholesale house closes at 5 p. m. during July and August.

Mrs. S. S. Skidelsky of Phitadelphia, Pa., was a visitor.

C. J. OHMER.

TORONTO JUNCTION, ONT.

Mr. A. Gilchrist, accompanied by his wife, left on June 21st for a two months' visit to Scotland. It is thirty-four years since he left the land of his birth for America, and he will no doubt find many changes.

Mr. and Mrs. Gilchrist did some work for the Canadian government this spring. He visited ten horticultural societies, also speaking to the high and public schools on the improvement of school grounds with native trees, shrubs and plants. He traveled about 1,000 miles, delivering thirty addresses in ten days, and says it was the hardest work he ever undertook. Mrs. Gilchrist had a different route, speaking to seven horticultural societies and schools on nature study. They found the people anxious for information along these lines and feel that much good resulted from the series of addresses.

FUMIGATING WITH SULPHUR.

Some one asked through the REVIEW about fumigating with sulphur now we have no hot steam pipes. We grow vegetables, potted plants, chrysanthemums, Maids, Meteors, Liberties, Perles and Gates on own roots, also grafted Brides, Maids and Liberties. They are all perfectly healthy and free from black or green fly, thrips and red spider.

We fumigate with tobacco stems and to a house 20x100 place a teaspoonful of sulphur on top of the tobacco stems.

CHAS. WINKLER.

[This may be all right if the stems are kept so well dampened that there is no chance of the sulphur ever burning with a flame but people are sometimes a little careless in the matter. Be cautious.—Ed.]

WASHINGTON, D. C.—The wedding of Mr. O. A. C. Oehmler, of Butte, Mont., and Mrs. Anna Belle Waters, of this city, will take place July 15th at the home of the bride's mother, 1520 Twelfth street, N. W. After September 1st Mr. and Mrs. Oehmler will be at home at 818 W. Broadway, Butte, Mont.

WE consider the REVIEW indispensable in our business.— D. W. WALTER, Massillon, O.

PHILADELPHIA.

Mr. W. H. Hall, who for the past fifteen years has been with W. Atlee Burpee & Co., died suddenly from heart failure on Monday night, June 30th, at his home in Tioga, near Philadelphia. Mr. Hall was in his forty-fifth year and had been connected with the seed business for more than twenty-five years. Ten years of this time he spent with the house of D. Landreth & Sons, having been employed at first by them at Bloomsdale and later traveling on the road through the south for them. In 1887 he connected himself with the house of W. Atlee Burpee & Co., where he has been ever since, and at the time of his death occupied a very responsible position as head of the Freight and Express Order Department. Mr. Hall was a widower and leaves one child.

THUNDERBOLT, GA.—The Thunderbolt Ferneries, Clarke & Ley, proprietors, have been established here, with Savannah as the express and freight shipping point. The firm is composed of John H. Clarke and Alfred E. Ley, the latter being a son of John H. Ley, of Good Hope, D. C. They expect to carry on a general wholesale and retail business, making a specialty of ferns and palms. They have just finished building their first house, which is devoted to palms and ferns.

SECAUCUS, N. J.—The old Braubach place has been leased for five years to a prominent Japanese firm. Fred Meerbott, who has been with Fritz Dressel for the past three years, is the lessee. An acre of ground, with the houses, will be entirely devoted to Japanese products.

THE onion crop prospectus for June issued by the Jerome B. Rice Seed Co., Cambridge, N. Y., gives detailed reports on the condition of the onion seed crops of the various onion seed growing states by counties. The cold spring and heavy rains have worked serious injury in many sections.

WESTFIELD, N. Y.—J. H. Dann, Jr., son of J. H. Dann, the florist, was badly hurt on the cars July 5th and died three hours later. He was in the employ of the J. C. & Lake Erie R. R. and was riding home from his work at the time.

DES MOINES, IA.—The Hawkeye Seed Co. is removing to the building at 207 and 209 West Seventh street. The company will occupy the entire building and will do a mail order and jobbing business in addition to its retail trade.

FREDONIA, N. Y.—Foster & Griffith, a nursery firm organized last spring, report an excellent business so far. J. H. Foster, the senior member of the firm, was for twelve years foreman for Lewis Roesch.

PLEASANT HILL, MO.—Geo. M. Kellogg is building 50,000 square feet of new glass, mostly for Beauties. He reports having had a fine season for out-of-door stock. A big field of Groff's gladioli promise good results soon.

BENTON HARBOR, MICH.—The Irving Jacquay Co., nurserymen, has been incorporated with a capital stock of $35,000.

B. & A. SPECIALTIES Dutch, French, Chinese and Japanese BULBS

Ask for our SPECIAL WHOLESALE BULB LIST—NOW READY.

BOBBINK & ATKINS, - RUTHERFORD, N. J.

DENVER, COLO.

On Saturday, June 28, Denver was visited by one of the worst hail storms we have seen, which hit a majority of the principal growers. Those who suffered most are the Park Floral Co., Colfax Avenue Floral Co., City Park, Mrs. Mauff, at her retail place on Logan avenue; Geo. Clark, the Gallup Floral Co., Maier & Denkworth, E. E. Peterson and Thos. Chapman. Although outdoor plants suffered a good deal, still they will be all O. K. in about three weeks.

The florists' picnic of the Fourth was a decided success, if not in the great number present, yet in the enjoyment of those who were there.

Ernest Flohr has returned from the Pacific coast.

On the 4th of July it snowed all through the mountains, in some cases to the depth of eight inches, and consequently it was so cool here that overcoats and wraps were in demand. This is a bother to those who have their young roses planted in the bench, for so much glass being out from the hail makes it almost impossible to keep uniform temperature. THORNE.

THE PIERSON-SEFTON CO.

The officers of this new company, organized to manufacture and erect greenhouses, conservatories, etc., with headquarters in Jersey City, N. J., are: President, Lincoln Pierson (formerly secretary of the Lord & Burnham Co); vice president, Paul M. Pierson (the well known grower of cut flowers for the New York market); secretary and treasurer, William Sefton (for the past six years superintendent for Hitchings & Co.).

The new company has secured property on West Side avenue, Jersey City, N. J., near the West Side station of the Newark branch of the Central R. R. of New Jersey, admirably suited for manufacturing purposes, and their factories are fitted with machinery of the most approved type. They have acquired the Paul M. Pierson patents and have other patents pending.

The members of the firm have certainly had wide experience in the business of greenhouse construction and will no doubt receive their share of work of this description.

LOUISVILLE, KY.

"A grand Japanese, oriental tea garden and floral exhibition" is to be held under the auspices of the Business Woman's Club at the Liederkranz Hall, Nov. 12th to 15th. H. Nanz, the florist, will be superintendent.

A printed premium list has been issued and copies may be had by addressing H. Nanz, Supt., this city.

COLORADO SPRINGS, COLO.—At an enthusiastic meeting of the Horticultural Society on July 1 arrangements were perfected for the flower show to be held Aug. 20 and 21.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

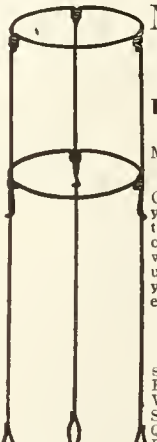
WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.30	3.60	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	
" " strong	8	26 to 30	7 to 10	1.50	18.00	
Asparagus Sprengeri	2				.50	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Pln. Nanus	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6.00	
Pandanus Veitchii	5			1.00	12.00	
" "	6			1.50	18.00	
" "	7			2.50	30.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Nephrolepsis Bostoniensis	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	
" "	8				12.00	
" "	9				18.00	
" "	10				24.00	

Assorted Ferns, for fern dishes, 2-inch pots 3.00

Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

Mention The Review when you write.



NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING, L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen Mfg. Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. THORNE.

Favorable testimonials from such growers as Dailledouze Bros., Flatbush, L. I.; E. Asmus, West Hoboken, N. J.; Wm. Scott, Buffalo, N. Y.; C. W. Ward, Queens, L. I.; Albert M. Herr, Lancaster, Pa.

GALVANIZED STEEL ROSE STAKES.

THE PARKER-BRUEN MFG. CO.
208 Jersey Street,
HARRISON, - NEW JERSEY.
Mention The Review when you write.

Carnations, Geraniums,
Cannas, etc.
Prices quoted upon application.
THE COTTAGE GARDENS, Queens, L. I.
Mention The Review when you write.

ALL THE BEST CARNATIONS
Orders Booked Now for Fall Delivery.
SEND FOR PRICES.
Rooted Cuttings and young plants all out.
GEO. HANCOCK & SON, Grand Haven, Mich.
Mention The Review when you write.

PANSY
NEW GIANT--Mme. Perret
The Prize Strain, exhibited at the Pan-American Exposition, true stock, 50c per trade packet; $5.00 per ounce.
Our Choicest Mixture of the best strains procurable, 50c per trade packet; $1.25 per ⅛ ounce; $2.00 per ¼ ounce.
WALTER MOTT SEED & BULB CO.,
JAMESTOWN, N. Y.
Mention The Review when you write.

CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.
Mention The Review when you write.

Watch this Space for Future Bargains.
JOHN BROD,
349 W. North Ave., CHICAGO, ILL.
GREENHOUSES, NILES CENTER, ILL.
Mention The Review when you write.

SALT LAKE CITY, UTAH.—The florists of this city have effected a permanent organization with officers as follows: V. V. Morris, president.; G. H. Schwarz, vice president; Thos. Hobday, treasurer; Walter King, recording secretary; P. T. Huddart, corresponding secretary. The association will meet twice a month on Fridays at the establishment of the Huddart Floral Co.

Dreer's Special Offer .....of Araucarias.

We have in stock about twelve thousand Araucarias, on which we are in a position to offer special values. It will pay you to procure your next winter's supply now and not only gain the benefit of the summer's growth, but also cheap transportation rates, as these plants can be safely shipped by fast freight during the summer months.

ARAUCARIA EXCELSA.

4-inch pots,	5 to 7 inches high,	2	tiers			$0.35 each
5 " "	8 to 10 "	"	3	"		.50 "
6 " "	10 to 15 "	"	3 to 4	"		.75 "
6 " "	16 "	"	4	"		1.00 "
6 " "	20 "	"	4 to 5	"		1.25 "
7 " "	24 "	"	4 to 5	"		1.50 "

ARAUCARIA EXCELSA GLAUCA.

5-inch pots,	8 to 10 inches high,	2	tiers			$0.75 each
6 " "	12 "	"	2 to 3	"		1.00 "
6 " "	15 "	"	3	"		1.25 "
7 " "	18 "	"	4	"		1.50 "

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3	tiers			$1.25 each
6 " "	12 "	"	3	"		1.50 "

HENRY A. DREER, 714 Chestnut Street, **Philadelphia, Pa.**

Chrysanthemums!

Nice young stock from 2-in. pots, $2.50 per 100.

Mrs. H. J. Jones,	**Midge,**
Alice Byron,	**Ivory,**
Glory of Pacific,	**Col. D. Appleton,**
Mrs. H. Robinson,	**Yellow Fitzwygram,**
Mand Dean,	**Xeno,**
Yellow Jones,	**Modesto,**
Pres. Smith,	**Lavender Queen,**
V. Morel.	**Nagoya,**
Marion Henderson,	**Yanariva,**
Geo. S. Kalb,	**Mrs. E. D. Smith,**

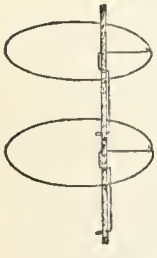
Mrs. S. T. Murdock.

NATHAN SMITH & SON
ADRIAN, MICH.

Mention The Review when you write.

THADEN'S WIRE TENDRIL

TESTIMONIALS.



From A. Gude & Bro., Washington, D. C., April 11, 1902. "In reply to your inquiry of March 19 in reference to the Wire Tendril, we beg to say that we find them very satisfactory in every respect."

From Alex. B. Gardner, Washington, D. C., Oct. 29, 1901. "I have used your Wire Tendrils on my roses and carnations and find them much better than anything else I have ever used or seen."

Sample package of 100, by mail prepaid, 60 cents.

H. THADEN & CO.

472 W. Hunter St., ATLANTA, GA.

Mention The Review when you write.

CHAS. WINSEL, Successor to Brose-Fleur Seed and Plant Co.

SEEDSMAN,

247 S. Main St., LOS ANGELES, CAL.

SEEDS. NEW CROP! Phoenix Canariensis, Seaforthia elegans, Corypha australis, Erythea edulis, Dracaena indivisa, Eucalyptus and Acacia seeds. Roemer's superb prize pansies.

Write for Price List.

Mention The Review when you write.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.

Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo.

Mention The Review when you write.

Largest and Finest Stock of # CHRYSANTHEMUMS in the country.

Also 200,000 Young Rose Plants in best possible shape.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00

YELLOW.	Per 100 R. C.	Per 100 2½-in.
Harry A. Parr	$1.50	$2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whildin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00

PINK.	Per 100 R. C.	Per 100 2½-in.
Montmort	$1.30	$2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—IMMENSE STOCK OF COL. APPLETON, rooted cuttings, $15 per 1000; 2½-inch pots, $20 per 1000. **BONNAFFON,** rooted cuttings, $12 per 1000; 2½-in. pots, $18 per 1000. **OCTOBER SUNSHINE,** rooted cuttings, $1.75 per 100; 2½-in., $2.50 per 100. Fine stuff.

ROSES FOR FORCING.

50,000 **SURPLUS PLANTS** in fine shape; going fast.

	2½-in. Per 100	Per 1000	3-in. Per 100	Per 1000
American Beauties			$8.00	
"	$5.00			
Golden Gates	3.00	$25.00	4.50	$40.00
Maids	3.00	25.00		40.00
Brides	3.00	25.00		40.00
Meteors	3.00	25.00		40.00
Perles, 3½-inch				$6.00 per 100

STEVIA, R. C., per 100 $1.50 2½-in., per 100 $2.50 2½-in., thousand lots $22.50

No order filled for less than $2.00, or less than 10 of a variety. 5 per cent discount allowed for Cash. Remittances must accompany orders from unknown parties. Goods sent C. O. D. if requested. All orders filled in strict rotation, and as soon as stock is ready. Every order has our personal supervision and satisfaction is guaranteed. Cuttings rooted to order if not in stock.

Poehlmann Bros. Co., -- Morton Grove, Ill.

FANCY or DAGGER FERNS 75c per 1000; Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Discount on ferns and laurel in large quantities.

Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and LATANIA BORBONICA

Price List for the asking.

Mention The Review when you write.

PANSIES. The Jennings Strain.

New Crop Seed Now Ready.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain: "The largest and finest colored flowers we have ever seen."

I grow only pansy seed and plants, and only the finest. Plants ready Sept 1 at $1.00 per 1000. Finest Mixed, pkt., $1.00; ½-oz., $3.00; 1-oz., $5.00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

E. B. JENNINGS, Lock Box 254, Southport, Conn.

GROWER OF THE FINEST PANSIES.

Mention The Review when you write

CHAS. D. BALL,

GROWER ..... OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

CINCINNATI TO ASHEVILLE.

Notice to florists attending the S. A. F. O. H. convention at Asheville, en route via Cincinnati: Diagrams of Pullman sleepers will be at the office of E. G. Gillett ten days before time of starting, where he will be pleased to make reservations for anyone desiring same. Arriving at Cincinnati, go to the Queen & Crescent office, corner Fourth and Race streets, where you can then get berths that were saved for you. Price of sleeper is $3 each way.

The fare from Cincinnati to Asheville is $12.36, or one fare for the round trip.

The Chicago delegation will arrive in Cincinnati on the morning of Aug. 18, and a special train made up here by the Q. & C. R. R. will leave at 2 p. m., taking supper at Sommerset, Ky., arriving at Asheville at about 8 a. m.

Mr. Gillett would like every florist tributary to Cincinnati to notify him as soon as possible if he will go, and how many there will be in his party. In this way it will give him more time to make necessary arrangements for the comfort of all. C. J. Ohmer.

LOUISVILLE, KY.

Business is at a standstill just now and the weather is very hot, the thermometer registering way up to 96. Nevertheless flowers are looking fine, especially carnations in the field, which are looking finer than I have before seen them at any time. They are bushy plants and promise a fine grade of bloom.

The Kentucky Society of Florists held their meeting on July 2 at 3 o'clock p. m. at Fountain Ferry Park. There was a good attendance. The meeting was called to order by President Jacob Schulz and after the meeting a grand spread was served, which was enjoyed by all present.

C. H. Kunzman is building a new greenhouse with Jennings' gutter, using 24x36 glass.

John Bohrman, who has been under the weather, is up and about again.

The premium list is out for the chrysanthemum show to be given by the Business Women's Club, November 12 to 15; Henry Nanz is superintendent.

Hy. Lichtefeld.

PITTSBURG.

The Pittsburg Rose and Carnation Co., of which Fred Burki is president, is building at Bakerstown station an iron frame house 50x450 for Bridesmaids and four houses 20x350 each for carnations. These have iron gutters and bricked up beds with tile bottoms.

Hastings, Neb.—Chas. Winkler is cutting some very good Crocker and Queen Louise carnations. He finds them both excellent bloomers, the flowers borne on stiff straight stems, the habit upright. The weather the last two weeks has been rainy, cloudy and cold, with light frost on the morning of June 21st. Plants are doing well and field carnations are exceptionally good.

Elgin, Ill.—Fred E. Plagge reports business has been good the past year with all the florists. Spring stock was cleaned up in good shape. Good call for all kinds of blooming plants. Prices for both plants and cut flowers were a little better than last year.

Roses for Winter Blooming.

Fine healthy stock from selected cuttings.

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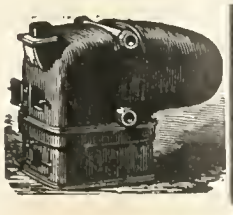

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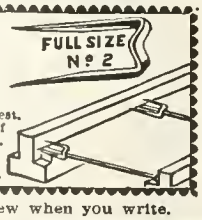

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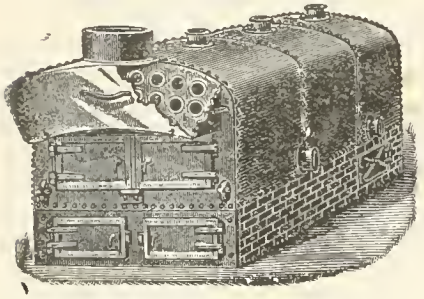

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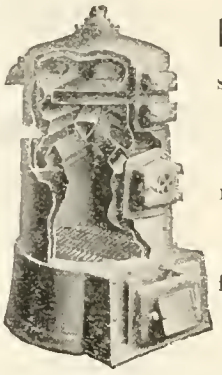

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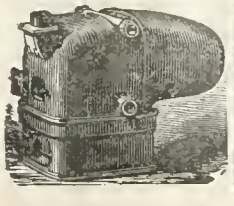

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M.
Jamaica Plain
261

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Vol. X. CHICAGO AND NEW YORK, JULY 17, 1902. No. 242.

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Calceolaria Hyb., mammoth flowers, tigered and spotted, per pkt., 25 cts.
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THE RETAIL FLORIST.....

Summer Suggestions.

What condition would our summer markets and profits be in were it not for the humble sweet pea? The retail florists have every cause to be grateful to this flower, and generous, too, to the extent that none should be allowed to go to waste without first having a chance to beautify. Many prominent florists have made more money out of sweet peas than any other flower this summer. The possibilities with them are unlimited. Last week we were among flowers in the garden, and we hope no serious consequences resulted in reading the names of the many flowers mentioned. This week we will discuss matters from the retail counter and will first run over a few suggestions in wreaths, which can be made up this month and next, and what may be charged for them. Kindly remember these are only hints; you, yourself, may fill out or extend.

A florist need never say he cannot make a wreath simply because he has not or cannot get a wire frame or even moss. Barrel hoops, willow, bamboo or hazel sticks have been and can be made into good frames, and plenty of green is a good substitute for moss; this, of course, under extreme cases, and they sometimes come. If you use tinfoil be sure to cover it with green; a bad back is bad for anything. When flowers are scarce a crescent wreath is much preferable to the common even round one, because it requires less flowers, though it is more difficult to make, for more care must be used in conforming to outlines.

When greening a wreath (and that is a most important item and should always be well done) be sure to have the foliage face from both sides to the center of the narrow part. The same principle applies to regular round wreaths. You must remember that there is a vast amount of meaning attached to the design, and even the green groundwork should be arranged in a manner to assist in bringing out the full intent and beauty. There is a difference between a pinwheel and a wreath; make it quite apparent in your work, no matter what materials you use. It is wise to use a good big bow of ribbon on summer wreaths; it need not be the expensive kind, but the color must be good to harmonize with or match the flowers. You see, flowers quickly fade in hot weather and look bad if shipped long distances or are kept over night in a hot room. A bit of broad ribbon will do much to cover up defects and make a design more attractive when most it is wanted to be so.

There is an abundance of small ferns throughout the country that could be used more profitably than they are at present if they were made more general use of in funeral wreaths. We speak of small plants in pots, from 2 to 4-inch sizes. There is nothing more beautiful than a wreath of Adiantum Farleyense. Of course it is quite expensive to use up small plants of that great fern, but often we are called upon to produce beauty regardless of price. Adiantum cuneatum or any adiantum of that type makes up finely, and for that matter a mixture of the ordinary sorts used for filling fern dishes will suit. Our method is this: Get a good wire frame, put dark green Porto Rican matting inside as a lining, or any stiff paper, with cut hardy ferns beneath to hide the color. Take ferns out of pots, after they have been well soaked in water cut half the soil off, arrange them solidly in the wreath frame, putting a little wet moss in to keep them tight, have fronds hang well over to hide frame. You can tie the plants in with green silkaline or thin wire as you go. Wreaths of adiantum so arranged keep longer than others and need but a cluster of flowers and bow of ribbon to make than look very rich. They can be sold at from $5 to $20.

Get a well high-mossed wreath (by the way, always have your wreaths mossed fairly high and round; you can make better work having them so), cover with layer of hardy ferns, then cover with green leucothoe sprays, stick end of spray in moss and pin down with wire hooks. Don't spare the leucothoe, 50 or even 100 sprays to a wreath. Make solid like a laurel wreath, then put in a solid half crescent of white sweet peas, tie bow of broad ribbon in center of peas or cluster, bows of narrow ribbon at each end of flower crescent, sell for $5 to $15, according to size of wreath and generosity of customer. This same design can be made of any shade of sweet peas, or roses, or any other flower. Sometimes we make only a good big cluster, then again a tapering crescent form, and often we almost cover the wreath, leaving only the very narrow part green.

Galax leaf wreaths should be made solid; don't imagine because you succeed in covering the moss that that is all sufficient. Accidents will happen in transit, and furthermore the leaves are cheap, and above all green or bronze foliage wreaths of any kind look better solid. You can best beautify with spray trimmings, but use plenty of foliage. There is hardly anything that looks cheaper than a scrimpy made wreath.

You can at present offer as many as fifty different kinds of wreaths, keeping in mind what we have said about first greening up well, and that we cannot too strongly emphasize that a wreath, no matter what you intend to put on it, should be first made pretty with greens.

Now for clusters and crescents. On these green wreaths, lavender and white peas, bow of lavender or white ribbon; light pink and white peas, white ribbon; purple or maroon peas, purple or white ribbon; Kaiserin or Bride roses, white ribbon; Liberty or Meteor roses, white ribbon, or half white and red, tying white ribbon between the white and red. White ribbon with pink roses of any kind or half white and pink roses. Golden Gates are prettiest by themselves and a white or pale lavender ribbon goes well. Carnots may go with white but we prefer that shade of color by itself. Lilium longiflorum and sprays of tamarix flowers, white or purple ribbon. Lily of the valley with white, mauve or lavender ribbon, alone or in part cluster with any flower. White carnations, white or lavender. Centaureas, Shasta or other white daisies for children or person named Daisy or Marguerite; they can be used separate or in conjunction with such flowers as water lilies, etc. They should never be put with rare greenhouse flowers. Narrow white ribbons in big clusters are best with such flowers. Purple, lavender or white asters or cluster of any two, white or purple ribbon. White gladiolus, antirrhinum and gypsophila, broad ribbon. Swainsona and any large white flower, American Beauties alone or with large open white roses or lilies, broad white ribbon.

Any of the above can be made up good for the prices we have mentioned. They can be made larger and more elaborate for higher prices. When it comes to a demand for all flowers, you can make up for any price above. Where you are doubtful of your customer it is best to try them on prices with a cluster wreath

Countess of Radnor Sweet Peas in a Yellow Bowl.

and then go higher on all flower wreaths. Where extra choice designs are wanted you have cattleyas, lily of the valley, stephanotis, and such flowers to suggest either in cluster or in whole, and you can go from $10 to $50 on them. When cheaper you can make up of all green or bronze or a mixture with or without clusters of such as phlox or that and gladiolus or achillea or any of the common white flowers. These you can do for from $2 to $5. We are aware of the fact that as high as $20 is sometimes got for a galax wreath, but we are writing this for the crowd, not the few.

There are plenty of bay trees standing idly around. You might pluck them to advantage once in a while. There is nothing more beautifully expressive than a well made wreath of bay leaves and you can charge from $15 to $40 for it.

IVERA.

ARRANGING SWEET PEAS.

We present herewith engravings from photographs of four bowls of sweet peas, arranged by one who is a lover of flowers but not a florist. We believe they are worthy of study by the professional. After stating that only rose bowls and other low receptacles should be used for sweet peas, tall vases being too high in proportion to the height of the mass of blossoms, the artist writes in The House Beautiful:

Sweet Peas in a Japanese Tea-Pot.

"In general, people crowd their displays of sweet peas too much. It is true that even then the flowers are beautiful, chiefly on account of the delicacy of their colors, but they are much more delightful when displayed in a freer fashion which reveals the inimitable grace of the living blossoms.

"The same love of simplicity that leads to a less crowded display than is usually seen leads also to the use of fewer colors in displays. An arrangement of one or two varieties is much more satisfactory for quiet observation than is a mixture of all the colors. And by choosing the colors of the varieties, very delightful harmonies may be obtained. This result is also possible through the selection of vases for the flowers; thus by using the lovely bluish lavendar blossoms of the Countess of Radnor variety in a low yellow jar, a beautiful complementary harmony may be arranged.

"For small receptions or other functions in which a temporary decoration is desired, delightful effects may be obtained by combining low vases of sweet pea blossoms with small bunches of other sweet peas scattered upon the table near the vase, thus repeating the bit of form and color. Two or three small bunches dropped loosely near the vase add greatly to its decorative value.

"In the carrying out of this idea it is easy to make many attractive color combinations by using one variety in the vase and another upon the table. I have thus used combinations of Peach Blossom and Lady Beaconsfield; of Juanita and Ramona, and of the Duchess of York and the Duke of York."

CARNATION NOTES.

If you are ready with your house to bring in your carnations there are a few things that you should bear in mind, and one of the most important of these is that it pays to put forth every effort to transfer the plants as quickly as possible and to have them out of the soil as short a time as it can be properly done in.

Remember that while the plant is out of the ground it is practically the same as a cut flower and you should be just as careful to keep it fresh, and very much the same treatment is required. You would not think of cutting a lot of blooms and laying them out in the sun nor even to lay them on the counter any length of time without at least wetting the stems. No, indeed, you would be likely to discharge an employe if you caught him at it repeatedly, and yet some of you will dig up carnation plants in the hot sun, throw them into boxes and have them standing in the sun until a number of boxes have been filled, and then perhaps over night in the shed with only a little water sprinkled over them, and when 50 per cent of them refuse to take hold you wonder why. Perhaps you may think this is exaggerated, but I tell you I have seen it with my own eyes.

If you divide your help up properly you can work the thing like clock-work and your plants will appreciate it. Have a man to dig and be sure to have a man who is conscientious and not afraid to push the spade down its full depth so as to get all the roots. Following him closely have another man with a pail of water and a deep tray, whose duty it will be to take up each plant, shake off the soil gently, leaving a ball about the size of your fist, dip the roots into the water and place upright in tray. A less experienced man can wheel them into the house, where there are two of your best men planting them into the bench. These last two should be experienced carnation growers, men who know how to plant and what the results will be if the plants are set too deep or the roots cramped into a small hole just any old way to get them out of sight.

After planting a few hundred water each plant well to settle the soil around the roots and spray overhead several times during the day for several days. Wet the walks and under the benches and the walls in order to keep the atmosphere surcharged with moisture and in fact do everything you can to keep the plant from wilting. Too often the fatal mistake is made of having the soil in a rather dry condition when planting, and before the plants get a good watering the roots are so badly dried out that the plants can never recover. I like to have the soil in the same state that I do for potting, i. e., moist enough to form a ball in the hand which can be crumpled up finely without leaving the hand moist. The time to look out for that is the evening before you wish to plant. If the soil is dry it will stand a good watering and be in fine shape for planting the next morning and with an occasional light sprinkling during the day you can keep it in nice shape all day. But be sure and see that it is moist all the way down before you plant.

We use less shade each year during planting time; perhaps I had better say we find it necessary to use the shades a shorter time after planting each year, and the reason is beyond any question because we are learning to lift the plants at a time when they are growing slowly and are well matured. We find a shade made of clay and water about the best thing, as it washes off with the first rain, and if it does not rain for a while you can rub it off easily. It should be allowed to remain only a few days or until you can see that the plants have grabbed root on the soil. Also keep the ventilators only partly raised to keep off draughts for the first few days, but as soon as growth commences they should have all the air they can get.

A. F. J. BAUR.

CARNATION TROUBLES.

Our carnations, which were set out early in May for summer blooming, are not budding properly. They appear to be full of those "mock" buds. Have no buds that develop into flowers. The season here is late and always slower than inland towns, but we have the plants in the same place and same soil as previous years, where they did well.

Our asters die near the root. They either rot off or foliage turns brown. Is it too wet, or what is the matter?

E. H. M.

The information furnished by E. H. M.

Arrangement of Sweet Peas.

in regard to the behavior of his carnations and the circumstances connected therewith are very meager, to say the least, and I can only guess at a probable cause of his trouble. He does not say that they have made a fair growth, but he does say that they are full of buds of some kind. If the growth is healthy and the buds are there I cannot see why they should not open up into blooms unless they are attacked by some insect. A very bad dose of thrips might possibly cause them to act thus, but we have never had them work such serious damage to our carnations. Red spider would also act similarly if they are numerous enough. Too much moisture would rather cause stem rot, but too much manure might aggravate the case.

Mr. M. says they are growing in the same soil in which they used to do well and that ought to prove that it is not the soil which is at fault. Let him examine some of the plants and buds carefully, and perhaps he will discover the cause, or let him send me a plant showing the trouble in its worst stage and I will see what I can make of it. Take the plant up carefully and wrap the roots in damp moss and send it by the quickest way direct to me at 330 W. 38th street, Indianapolis, Ind., also a good handful of the soil in which they are growing. I do not wish to intrude on Mr. Scott's territory, but I will just tell Mr. M. that the cause of his trouble with his asters is the well-known blight and the best way to fight it is to burn up every plant that shows a sign of it and never plant asters on that same ground again.

A. F. J. Baur.

CARNATIONS FOR SMALL HOUSES.

What carnations would be best to plant to insure a continuous crop of bloom, white and pink, in a small house 20x50? C. B.

I suppose Messrs. C. B. want varieties that will give them a continuous crop of fair commercial blooms, since they only have a small house to plant in carnations. Among the newer white varieties I believe that Queen Louise will give them a steadier cut than any of the others, but Lorna will produce larger blooms and longer stems during the winter months. By all means plant a hundred or two of Flora Hill. There is nothing on the market now to take its place, and although it has faults a plenty, yet it is indispensable.

Mrs. Joost, among the older pink ones, is early and continuous, and will give you a lot of fair commercial bloom, while among the newer ones Dorothy is a marvel for productiveness as well as earliness. My advice to Messrs. C. B. would be to plant Flora Hill and Queen Louise for white, and Mrs. Joost and Dorothy for pink. A. F. J. Baur.

ROSES.

Seasonable Hints.

To get mulching material in good condition for fall and winter use it ought to be prepared now, as the manure and soil can be got in any condition desirable.

A compost consisting of two-thirds well decomposed cow manure and one-third good fibry loam should be put into a neat pile and allowed to lie for two or three weeks; it should then be chopped up fine, much finer than compost for rose planting, and turned over two or three times at intervals of ten days. When in a fine mellow condition it should be put through a three-quarter-inch screen or a fine sod crusher. It is now ready for use and should be stored where it can be protected from rain. The bone meal (if any is to be used) can be added just previous to spreading it on the bench.

Whilst in the pile and at all times the compost should be kept clear of weeds, as these attract insects, which will make it a breeding place. Material which has been lying in an unsightly, neglected heap and covered with weeds all summer is not fit to be put in a mulching compost, as it is invariably swarming with insects such as thrips, etc., which delight in such undisturbed quarters, and which multiply rapidly when taken into the genial atmosphere of the rose house. I have no doubt that this accounts in many cases for the swarms of thrips which appear in rose houses just after mulching. By getting the material ready now it may save some hours of anxious worry during the dark, wet days of winter.

It will also be wisdom to look after the soil required for potting the young stock. To have soil in good condition for this purpose constitutes one of the elements of success. Ribes.

THE ROSE CURCULIO.

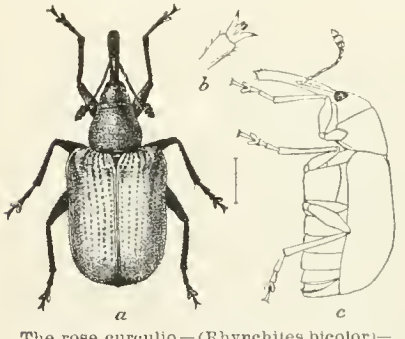
Roses grown out of doors, particularly in the western states, are sometimes badly injured by a snout-beetle popularly known as the rose curculio (Rhynchites bicolor Fab.). Although pre-eminently a rose pest and an out-door species, it attacks at times ripe blackberries and raspberries, puncturing the fruit with its beak, and causing it to decay. In the Review of June 26 this insect was also reported as injuring the stems of paeony. Its appearance in different localities appears to be dependent upon the weather and as is usual in such cases its first occurrence seems to be coincident with the budding or blooming of the rose, particularly wild rose, which is its favorite natural food plant. In some localities it confines its injury to rose bushes, puncturing the flower buds, destroying the flowers and depositing its eggs in the fruit, in which the young mature. Some-

Sweet Peas in a Glass Bowl.

times even when it occurs in normal numbers this curculio destroys entire crops, particularly in small gardens. With the approach of cool weather the beetles disappear.

The rose curculio may readily be known by its red thorax and elytra and black ventral surface, snout and legs. In eastern specimens the colors are as indicated, but westward, in Colorado, individuals are found in which the greater part of the head is red, including most of the antennae or "feelers" and the legs. The form of the insect is well illustrated by the figure. The rostrum, or snout, is very long, nearly a third of the length of the entire body, and the antennae are slender, with a well-marked three-jointed club. The length, exclusive of the snout, is a little less than a fourth of an inch.

Although this species is well distributed from the Atlantic to the Pacific, it is found much more abundantly in the Northwest, and its injuries appear to be confined to that region west of the Mississippi valley. In the eastern states it seems to be noted only on wild rose. The insect is known to occur in New York, New Jersey, Pennsylvania, District of Columbia, Tennessee, Missouri, Minnesota, Wisconsin, Iowa, Wyoming, North Dakota, Utah, Idaho, Colorado, New Mexico, Montana, Washington, Oregon, California, and in Canada, Northwest Territory, Vancouver Island and elsewhere in British Columbia.



The rose curculio—(Rhynchites bicolor)—a, female beetle; b, claw; c, female in outline from side; a, c, enlarged; b, more enlarged. (From Chittenden, U. S. Dept. Agr.)

The beetles are frequently seen with their long snouts buried deep in rosebuds, and they seem also to cut the stem or injure the bud at the thin portion of the stalk below the calyx. The bud afterward drops off and dies. Within the severed bud, according to the late Dr. Otto Lugger, the young mature.

In ordinary cases of attack these beetles can be controlled by hand picking and jarring them from the bushes onto inverted umbrellas or curculio catchers, but when they occur in unusual numbers this must be practiced frequently, since though every beetle seen is destroyed one day, an equal number may appear a day or two later. In this respect the insect resembles the ordinary rose-chafer.

The habit of the beetle, which it possesses in common with other curculios, of dropping to the ground when disturbed, renders its capture comparatively easy. When the insects occur in other plants than bushes bearing berries or on roses soon to be picked, they can be destroyed by spraying with Paris Green at the rate of about a pound to 150 gallons of water.

F. H. Chittenden,
Assistant Entomologist U. S. Department of Agriculture.

BUSINESS METHODS FOR BUSY FLORISTS.

VIII.

Sundry Expenses.

This subject covers a multitude of items necessary to keep the wheels of business in running order, and may be divided into two general groups.

First, fixed expenses, or those which can be anticipated and must be provided for or the business will become bankrupt.

Second, contingent expenses, which from their very nature cannot be anticipated and which vary from season to season and year to year, according to the climatic and other conditions and becoming necessary when least expected.

In the first group we find wages, which is at all times the largest and most important expense item in the business. If labor could be measured by so many horsepower, each day the same, as we gauge the capacity of a machine, we could pretty nearly tell what each rose would cost before we grew it. But along with the brute force necessary to plant and water our stock there must be brains to direct and ability to think, and for these important adjuncts to labor the wise business man will always be willing to pay.

The "cheapest" help is oftentimes the most expensive. How many of us have learned this to our sorrow and cost. The finest plants are sometimes ruined by a single day's inattention or overattention. A working foreman is necessary in every place, no matter how small. He should have a thorough knowledge of growing stock and an ability to command men. Success or failure will be largely dependent upon his ability. But skilled men under him are necessary for the fullest measure of success. A system of promotion in the ranks is productive of the best results. Once let the idea be firmly established in a young man's mind that he must work out his own promotion and that there are always good positions awaiting him as soon as he is able to fill them, and that moment you have a valuable man in your employ.

Wages should be paid in proportion to results, and these can only be determined individually. Experience is a good teacher, but many a young man with four pounds, more or less, of live, active "gray matter" under his hat crown and a few months' experience, is worth more than the gray-haired veteran with many years' experience who does what he is told and works for his weekly wage and 6 o'clock.

Not many months ago a friend of mine lost a valuable foreman, who left him after six or eight years of service to accept a more lucrative position. Another foreman was imported from a distant state, who after several months' trial with varying results was considered incompetent and dismissed. In the employ of this friend for five or six years was a young man who had worked along steadily, doing everything well which had been assigned him, using his brains at all times to grow good stock at a minimum expense. On the dismissal of the last foreman this young man was placed in charge and has developed into the best foreman the place has ever had, and has the reputation of being the best all-round grower in the state. The business was never so flourishing, the help never so well contented and satisfied.

Occasional promotion all along the line keeps every one doing his best. Every one is paid according to his ability and the laggards and grumblers have all been "laid off." While I do not know the figures, I venture to say that the labor bill for the year is proportionately less than ever before. "The laborer is worthy of his hire" in every line of business, and the more frequently pay day comes around the more contented your help will be. A uniform custom of paying each Saturday night will be found very satisfying to yourself and help. If you pay by check, your check is a receipt in itself and will be generally found satisfactory all around. If you pay with currency take a receipt from each one. Have vouchers made out in a form similar to the following:

Received of JOHN JONES | Time 6 Days Amt. $10.00

TEN DOLLARS. for wages for week ending JUNE 7, 1902, as per margin hereof.

JAMES ADAMS.

Don't work your help overtime unless you pay them for it, and when they lose time deduct it from their wages. Insist on promptness in arriving and be equally prompt in their quitting at night. As some Sunday work is necessary in the florist business, divide the force into squads to take turns in doing the necessary work. Don't allow beer or intoxicants on the place and dismiss a man promptly for intoxication. I am not so temperate but that I can see pleasure in a friendly glass, but a man whose brain is muddled by drink cannot do good work and a few prompt dismissals for drunkenness will have a most wholesome restraint on any would-be guzzler.

The next important item of expense is fuel. Upon your proximity to coal mines, water, transportation, sawmills, etc., will depend in a great measure the kind of fuel to use. I will not discuss the kind of fuel, or boilers or flues, steam or hot water, but will leave that to experts in that line. But every one will agree with me that the kind that will produce the best result at the least expense is the kind for him to use. Keep an accurate record of the quantity and cost from year to year.

I recently visited a grower, one of the leaders in his line, and one of the most successful in the business. He turned to his record and told me the amount of coal consumed each year and the cost of the same from the time when he embarked in the business. Another record showed the number of square feet of glass in the plant each season and the comparative cost of heating, while still another showed the total sales for each year and the percentage of cost of fuel to the sales. In the other items of expense he had the same records.

On the other hand, I once visited a grower who had quite an extensive establishment and a large and growing trade. Reverting to the subject of fuel he said soft coal was so expensive that season that he had used pine slabs from a nearby mill to save expense. At the end of the season I asked him the comparative cost, as I thought of using wood another season. He said he hadn't figured it

The Aster Family Take the Field.

out, but that he knew it was cheaper. At the "mum" show in November I again asked the question. He still didn't know, and I don't suppose he knows at this day, but he went into bankruptcy some time since. I don't know that the fuel question bankrupted him, but I feel confident that his unbusiness-like methods and his failure to keep track of expenses finally led to his assignment.

SYSTEM.

[To be continued.]

WE SOMETIMES WORK.

Planting asters in May is a nice little job, and those planted about the 15th of May have done so well this year. Water is the great factor towards success with these popular annuals and of that we have had altogether too much. When we were planting one afternoon, a really nice behaved boy (a rarity in a country village) came along with tripod and camera. (I think he was taking shots of the hops of frogs to see if they could be used in a brewery) and on the query, "How much for a picture of this bunch?" replied a quarter. "Let her slide," says I, and soon the performance was over. Not a quarter of the time or fuss that a $3 shot would take, and about as good.

The swarthy face on the right has just returned from nineteen months in the Philippines; the next with the rake is an old tramp gardener past hard work, but good at grading, and works for his board and nominal pay; the next is an expert with the axe and out of place at gardening; he plays the fiddle evenings and believes the whole aim in life is to have one continuous chronic state of good times; the next is a steady fellow who wouldn't even neglect his work to look up when he got the word; the next on the left is what George III. called a spade, and the next is the end and north side of a carnation house, and you will say, "How is it if it is fine enough to plant asters that the ventilators are not up?" Those ventilators are merely used in summer from about May 20 to October 1, when we put them up and fasten them up for the summer.

The proprietor was seated on the platform of the windmill fifty feet above the ground, but unfortunately the camera was not of sufficient expanse to take him in. There is nothing of great horticultural value in this picture. It is merely to illustrate the proper distance to plant asters. They may appear wide apart, yet if you will observe the feet of the man with the rake (size No. 13), the asters are ten inches between plants and fifteen between rows.

CORFU.

PHILADELPHIA.

The Market.

The cut flower market is in pretty fair shape for this season of the year. There is very little local demand, but quite a lot of shipping orders to go out of town daily. White flowers are at a premium, the colored blooms being as a rule harder to sell. Beauties are becoming scarce and are rather light in color; the buds have good substance and the foliage is clean. Sweet peas are no longer selling well and at present prices hardly pay to cut or handle.

Marketing Cut Flowers.—Joseph Heacock's Views.

I have always been in favor of a market for the sale of our flowers. You may remember some years ago I called a meeting at Horticultural Hall in regard to it, but it seemed that the time was not ripe for it. I believe it is now. In conversation with what few growers I have met I find that there is a strong desire for such a market. As Horace Greeley said in regard to resuming specie payments after the civil war, "The way to resume is to resume." So the way to start a market is to start it, and almost before we are aware of it the market will be an established fact, and those growers who do not go in at first would soon see the benefit of having a central place where they could take their flowers at an early hour (say 7:30 to 8 a. m. in winter) where the buyers from all over the city would know where to look for and find what flowers they wanted instead of each grower carrying his roses and other flowers around from store to store like a peddler, unpacking at each store and packing up the rejected flowers, and then starting out in quest of another store to go through the same experience, bruising the flowers at each packing and unpacking.

Our business has certainly outgrown this antiquated method. The growers have too much capital invested to continue in this cumbersome and extravagant method of disposing of the product of our greenhouses. I understand that there is no large city but Philadelphia but has a flower market. Philadelphia is proverbially *slow*, but she generally gets there at *last*. I am ready to join with others in starting a market and if others will not join with me I am seriously considering the question of starting alone.

Notes.

Eugene Bernheimer will remove his wholesale commission house about the first of next month to 11 South 16th street, a stone's throw from his present place at 1604 Ludlow street. The new place is larger and better adapted for handling cut flowers than the old; it has floor space 16x44 feet, with additional space back 12½x16½ feet, making a total depth of over 60 feet.

George Samtman is a very popular man these days; many friends meet his train at the Reading Terminal, each one has a few whispered words with the Chestnut Hill grower and departs. It is estimated that his nods are worth from one to four dozen Beauties apiece.

A successful manufacturer of gas meters writing to a local paper over the nom de plume of "A Friend" states that in firing all boilers except locomotive, much coal may be saved by spreading fresh coal in front only, and not over the entire surface. The live coal should be pushed back each time coal is needed and the fresh coal put in its place. This is to secure perfect combustion and to avoid the waste so apparent when the surface is evenly covered.

Bowling.

The fourth and last of the series of games to decide the makeup of our team at Asheville took place on the alleys of the Belmont Cricket Club in West Philadelphia. Sides were chosen by G. C. Watson and W. Robertson, and a spirited struggle ensued. W. K. Harris showed the stuff he is made of by winning a point on the evening's play with a good score. Fourteen players competed. Starkey, who is sure to get a place, and Falck, who is sure not to get a place, did not come. Following are the scores:

Geo. Anderson	510	S. Adelberger	447
Geo. M. Moss	502	Frank Polites	439
Geo. Craig	501	W. R. Gibson	436

The Georges are right in it!

Robert Kift	496	D. T. Comor	435
W. Robertson	474	John Westcott	402
W. K. Harris	471	S. Dunlap	386
J. P. Habermehl	447	G. C. Watson	355

The scores by points follow: Geo. M. Moss, 4; B. Starkey, George Anderson, Robert Kift and William Robertson, 3 each; George Craig and G. C. Watson, 2 each. These seven players compose the team, the last two having to roll off the tie in points to decide which one shall be a regular and which a substitute player.

Base Ball.

The following description from a spectator graphically describes last Saturday's great game:

"A very interesting game of ball was played at 50th and Chestnut street Saturday, July 12th, between Robert Craig's employes and a nine picked from the retail stores and commission houses. Gray started the ball rolling by making a very exciting home run, the ball landing in an adjoining farm about two squares away. The game was won by Gray's efficient work on third base where nearly all got lost. Palmer did admirable work at second base, also at the bat; Stevens caught in elegant form; Reynolds proved a great surprise by his great pitching; Charles Hartly played first base and stopped everything in his direction; Charles Gray lost his glove in middle of the game and finished with one of Robert Craig's 6-inch pots. The score was 19—13 in favor of the store men."

PHIL.

NEW YORK.

Club Meeting.

The regular monthly meeting of the Florists' Club was held on Monday night in the County Sligo Men's rooms, Civic Hall. There was a small but enthusiastic and business-determined attendance. Walter Sheridan presided and John Young occupied the secretary's desk. Beaulieu, of Woodhaven (Would-to-Heaven, etc.), made an exhibit of early dahlias for which the committee, Messrs. Wallace, Rennie and Scott, awarded a cultural certificate. Frank Traendly reported for the Outing Committee—No money required from the club to pay deficit. The committee was generously praised for its work.

A communication was read from Mr. Barron representing the Plant Breeding Conference to be held in this city next September. Mr. O'Mara spoke at length on the matter. It was finally resolved that Mr. O'Mara represent the club at the conference and thus have the distinguished honor of being the representative of both the S. A. F. O. H. & N. Y. F. C. Mr. Wallace reported for the committee in charge of transportation to Asheville, N. C., and read over a list of the routes and the several attractions and inducements connected. It was finally resolved that the club go by the Pennsylvania route to Washington, as all of the members wish to meet and talk with the old veteran, W. R. Smith, and a few may want to visit the White House. Washington is a mighty dry place on Sundays. Better make a note of it. A few of the boys from wet places will congregate there on a certain day. You may get all particulars from Alex Wallace.

There isn't much talk here as yet about how many trains will be required to accommodate the crowd going from here, but it is expected that there will be the usual rush at the last moment. Bob. Bottomly hasn't been seen east for some years and here's one who'd like to see him. Messrs. Morris, Ward, Donaldson, Nash, Butterfield, Rennie and Phillips were appointed the committee to nominate officers for directing the club next year.

A special meeting of the Exhibition Committee will be held at the secretary's office on Wednesday next. The report on associate membership, and the proposed changes in the by-laws occasioned thereby, were read and laid over without discussion for action at the next meeting. Mr. O'Mara, for the committee, read the resolutions regarding the death of the late Mr. Thomas Young, Sr., which are appended.

RESOLUTIONS OF SYMPATHY ON THE DEATH OF THOMAS YOUNG, SR.

Whereas, We, the members of the N. Y. F. C., having learned that Mr. Thomas Young, Sr., recently passed beyond this earthly sphere to his rest eternal, full of years and honors, called hence by the immortal decree of an All Wise Providence, and whereas,

While we bow in humble submission to the will of the Great Ruler of the Universe, yet we cannot fail to express our deep regret at his passing away from the scenes of his useful labors. While not wishing to intrude with our regrets in the natural grief of his family, yet, having been associated so long in this association with his worthy sons, our esteemed fellow members, we respectfully and feelingly ask that we be permitted to express to them our heartfelt sympathy in their great loss and sad bereavement.

And be it therefore resolved, that we hereby and in this manner tender to the family of the deceased our sincere condolence in their hour of sorrow. They mourn the loss of a loving and loved parent. We mourn an exemplary citizen, a just and upright man, a generous and genial companion.

We desire to have it recorded that in losing him the community in which he lived has lost an honored member, the horticultural world a man who, throughout his long, useful and honorable career, played well his part in his chosen calling. To his faithful helpmate, the revered partner of his joys and sorrows for so many long and pleasant years, we tenderly offer our sympathy, coupled with it is a prayer that the God of love and mercy may lighten the heavy sorrow which has fallen upon her; that He may give her strength to bear her great affliction. We offer her such solace as is ours to give and hers to receive at our hands, not wishing to open afresh the wounds of her grief; but to aid as best we may in assuaging the pain. May the soft lullaby of merciful time soothe her and the sweet memories of her life partner sustain her. God rest his soul.

And be it further resolved, that these resolutions be spread in full upon the minutes of this club, and that a copy of the same be sent to Mrs. Thomas Young, Sr.

(Signed.)
PATRICK O'MARA.
ALEX. WALLACE,
CHAS. B. WEATHERED,
Committee.

It was a shirtwaist night. Those worn by Messrs. Young, Sheridan, O'Mara, Langjahr, Traendly and Wallace were of a most peculiar new type and ranged in colors from the 17th of March to the 12th of July. The stuff was there—and the meeting adjourned after a short session.

The Market.

The market—don't mention it or there'll be trouble. Prices are nil. Sweet peas are an unlimited quantity. Raynor is handling very fine lilies; Ghormley, some beautiful new sweet peas; Young & Nugent, extra cattleyas; Traendly & Schenck, Golden Gates; Thomas Young, Kaiserins; Sheridan, Beauties; and although the printing presses of the New York *Clipper* whiz and hum in the rear of Ed Horan's store there's a steady demand for the flowers in front. Charlie Millang and Alex Guttman are neighbors and hustlers for all that's bright in flowers and coin. But, alas—business is—bum.

Notes.

Charlie Weathered and a few convivial spirits celebrated his forty-third birthday July 11.

James H. Carroll goes away today for a nine weeks' golfing tour over the Atlantic Highlands.

W. W. Burnham is at Ponghaug.

Arthur Ward, of Small's, at Washington, D. C., sailed away on the Anchoria July 12. If he was going to Cove of Cork I wish I were with him.

W. P. Palmer, of Buffalo, was here last week. We were informed that he intends to introduce metropolitan talent on Main street.

Gladiolus Cowee, of Berlin, N. Y., was here also. Of course his flowers are in season and he is just as bright as they.

Charles Snell, of Thorley's, intends to take his family on an exploring expedition down the St. Lawrence shortly.

Thorley had a dinner decoration in honor of Admiral Schley to-day. A facsimile of the battleship Brooklyn, made in white and gold effects, was a conspicuous part of the decoration. The boat was made of white carnations and valley, gold and white ribbon on rigging. J. H. Carroll was the artist.

F. Thomas, assistant manager of the Waldorf-Astoria, died recently, and never in the history of hotel management was there such a display of flowers sent to a funeral. The thirty-four different departments of the great hotel vied with each other as to which could send the prettiest design. J. H. Small & Sons had the entire work, some forty designs in all, and they were all remarkably handsome. It was all noble and beautiful. We never saw better designs at this time of the year and wish to express our appreciation of the spirit that prompted and guided such a work. Arthur Merritt accompanied the remains and flowers to Utica.

J. I. D.

ST. LOUIS.

The Market.

The past week was quite a busy one for the retail florists, mostly funeral work. Everybody seemed busy with one or more designs, and the wholesale men were kept on the go furnishing white flowers. Fortunately, there was a good supply of white roses and sweet peas at the commission houses.

The market remains about the same as last week. Sweet peas are not quite so plentiful as they were, still there are enough for the demand. Roses are still heavy in the market. Though not first class, they are fair for this time of the year. The demand is good, but lots of them are left over after the morning sales are ended. Carnations have not been overplentiful and the best are quickly sold at top prices. The prices on all this stuff are about the same as in my last report.

Meeting of the Florists' Club at Central, Mo.

The July meeting of the Florists' Club was a very pleasant affair. This meeting was held at the St. Louis Carnation Company's large plant at Central, Mo. Mr. Dunford, Mr. Call and John Steidle met the boys at the end of the car line on the Ashby road and were escorted in the company's wagon to their place, where they inspected the machinery house and the large range of greenhouses. Nothing much could be seen in the houses, as they are only beginning to plant their young carnations. Their several hundred thousand plants in the field look well.

After a close inspection of everything on the place the meeting was called to order by President Meinhardt in the large packing shed. There were present twenty-six members, besides Mr. Skidelsky of Philadelphia and Mr. Call (Mr. Dunford's partner), who proved himself a very pleasant gentleman and enter-

Members of the New York Florists' Club and Friends at the Outing Last Week.

tainer. The first business in order was the final report of the old exhibition committee, which was then discharged with thanks. The picnic committee reported that everything was in readiness and the picnic would be held next Thursday, July 24, at Preister's Park. The telephone committee was continued and Henry Berning placed on same. Nomination of officers was the next business in order. The only nominee for president was J. W. Dunford. The following were nominated for vice presidents: George Windler, Henry Emmons and R. J. Mohr. Mr. Schray was the only nominee for secretary, and J. J. Beneke the only nominee for treasurer. The following five candidates were nominated for trustees: William Adels, John Steidle, Charles Juengel, F. M. Ellis and H. G. Berning. The election will be held next month at J. F. Ammann's place at Edwardsville, Ill., on Thursday, August 14.

After a few remarks were made by Mr. H. G. Berning on how to create good feeling between the wholesaler, grower and retailer, Mr. Dunford read a report showing what his carnations brought each month during the season of 1901-2. His average for the past season to date was $1.29 per 100. At this point an elegant lunch was spread, which consisted of ham sandwiches, ice cream, cake, lemonade and cigars, and which was much enjoyed by all.

Before leaving Mr. Steidle invited the boys over to look at his place. The invitation was accepted, and after a drive of a mile and a half we arrived at Mr. Steidle's place. All were surprised at the appearance of the place. There were fine looking carnations of America, Triumph, Flora Hill, Joost, Daybreak, White Cloud, Crane and Bradt in full bloom. The plants in the field were also in fine condition.

After bidding everybody good-by, the boys started home, all expressing the same feeling—that they had spent a most enjoyable afternoon, which will long be remembered, and extending many thanks to Mr. Dunford, Mr. Call and John Steidle for their pleasant entertainment to the members of the club.

On the way home the carriage containing Mr. Fred C. Weber, C. C. Sanders, Carew Sanders and your correspondent stopped at the Sanders place on the Henley road. All his nursery stock is in excellent shape, and the carnation plants in the field are the best yet seen. Mr. Sanders is just now wrecking some of his old houses to make room for the new ones that are to be built at once. Thus ended the most pleasant afternoon yet spent by your correspondent.

Notes.

Visitors in town the past week were Mr. S. S. Skidelsky of Philadelphia, Pa., with a line of samples of florists' requirements, seeds and bulbs; J. F. Ammann and Henry Blixen of Edwardsville, Ill.; Dr. A. S. Halstedt, Henry Emmons and Adolph Fehr of Belleville, Ill.; Henry Johann of Collinsville, Ill., and William Winter of Kirkwood, Mo. All the visitors attended the club meeting at Central, Mo.

Mr. Edward Guy of Belleville, Ill., was in town Friday on his way to Eureka Springs for a ten days' vacation.

Mr. R. F. Tesson left Saturday night for St. Paul, Minn., at which place the United States court placed the case of condemnation of his mother's land by the World's Fair people. Robert will remain away about a week until the case is settled, and has great hopes of winning.

Mrs. Frank Ellis and the children are off for a trip to the country. Frank says they will all come back in time for the picnic.

Found—John W. Kunz. He wishes to state to his friends in the trade that, while not engaged in the florist business just now, he is doing quite well. John reports that his wife has been very sick the past two weeks, but is improving.

The florists should not forget that next Thursday, July 24, the annual outing of the club takes place at Preister's Park. It is requested by the trustees that those who wish to go in a body in the morning should meet on the East Side at 9:45 a. m., where two of those elegant electric cars which run between St. Louis and Belleville will be in waiting and will leave promptly at 10 a. m. Everything is in readiness for a good time.

All are requested to bring the ladies and the little ones, as great preparations are being made for their benefit. The band has been engaged to play continuously from 10 a. m. to 12 m. Don't forget the date, Thursday, July 24.

Bowling.

Eight of the faithful braved the hot night and rolled three games. Some good scores were made, F. C. Weber making 239 in the last game. Some of the boys were talking Asheville, but we are not certain yet as to a team, and more will be known by the end of the month. The scores and averages were as follows:

	H	1	2	3	Total.	Av.
F. C. Weber	27	193	164	239	596	198 2-3
C. A. Kuehn	0	201	165	166	541	180 1-3
F. M. Ellis	35	165	173	157	495	165
J. J. Beneke	3	137	193	165	495	165
A. Meyer	10	164	138	185	487	162 1-3
A. Y. Ellison	0	161	142	150	453	151
J. Sturtz	9	167	104	166	437	145 2-3
Theo. Miller	30	127	130	144	401	133 2-3
S. S. Skidelsky	35	113	123	126	362	120 2-3
F. C. Weber, Jr.	35	117	...	...	117	117

J. A. B.

BOSTON.

The past week has been a fine specimen of a summer week so far as floral business was concerned. I heard quite a few say they never saw a more quiet one. Perhaps this is so, and perhaps the idea comes from the fact that there is much more material coming into the city than ever before at this date. The cool weather of June still shows its effect in better flowers than usual at this time, and growers are consequently much averse to throwing out their plants. But the past few warm days are having an effect that will cause many to be cast out immediately.

It is a great time for sweet peas. Never have seen such fine ones, but I think they are sometimes even more plentiful than now.

Roper's pink, the "Fair Maid" stands out supreme among its fellows. It surely

shows a surprising amount of vitality after having been cropped so heavily all winter.

Another 'phone in the Park Street Market (No. 3). This is strictly a toll line, and is put in to cut off those frisky fellows who talk to distant points and forget to call around when tolls are being gathered. The "hello girls" are not expected now to allow long distance talk on the old 'phones and the new one must be bribed with a nickel or a dime in the slot.

Rough, Watt and Leuthy are among those now afloat between here and "Lunnon."

Never so many goods for the hospital department, and Mr. Clark sick and away! Arrangements are made, however, so that such goods reach their destination. J. S. Manter.

CHICAGO.

The Market.

Market conditions remain practically the same as last week. Quality of roses has possibly improved a trifle on the average. The top price is still $5, with a very few specials reaching $6, but a very fair grade for the season sells at $3 to $4, and from that the rate grades down to $1. On carnations $1.50 is the top, with very few exceptions, and very good flowers can be had for $1. On poorer grades we hear of sales at $3 a thousand.

Asters are coming in now and they sell very well at $1 to $1.50. Gladioli are being received in quantity and go at $1 to $3 per 100. Sweet peas are very plentiful and move rather slowly. For good stock $1 to $1.50 per 1,000 is the rate quoted, but some are offered at as low as 2 cents a bunch.

Though trade is slow, all the good flowers received are absorbed and conditions are very satisfactory for the season. White carnations are, as usual at this period, in rather the best demand.

Various Items.

We hear of several shipments of ferns consigned to local dealers from the East that have been seriously delayed by the freight handlers' strike. Some unpleasant losses may result.

The losses of carnation plants in the field as the result of the heavy and continuous rains of last month are now measurable. In all places where the land lay low and water stood the losses are heavy. Several growers who usually have a considerable surplus of plants to sell will this year have barely enough to plant their own houses.

After a successful season Mrs. A. M. Schafer is taking a two weeks' rest at Camp Lake, Wis. Upon her return she will start to remodel her houses and plant in her carnations. She believes in early planting.

Robert Mueller has caused the arrest of Patrick Lavin on a charge of criminal libel. Both were gardeners at the South Side parks. Mueller alleges that he was discharged from the park force as the result of false statements made about him by Lavin.

A. L. Randall and family are spending the summer at Mr. Randall's country place near St. Joseph, Mich.

E. B. Krieger, a former Chicagoan, but for the last six years at Spokane, Wash., has reached this city on his way home from an eight months' visit to Europe.

George Paget of Trinidad, Col., was a caller this week. He is on his way home from a trip East.

Mr. V. Wayman, the florist of Madison, Wis., has been spending a week in the city.

Rains are still frequent, but they are not so heavy and continuous as last month, and there is abundant sunshine in between drops.

Bowling.

Following are the averages of the members of the florists' team in the Spring League, in which eight teams were represented:

	Games played.	Average.
Fred Stollery	24	181 23-24
Jos. Foerster	30	178 21-30
Chas. Balluff	37	173 4-37
Jno. Degnan	6	170 1-2
E. F. Winterson	25	163 9-25
Geo. Asmus	35	161 27-35
P. J. Hauswirth	24	159 21-24
Geo. Stollery	6	154
W. Kreitling	5	130 2-5
Grand average for team		840 39-42

CINCINNATI.

The Market.

Although our market is now on its regular summer footing—that is, the buyer takes what he can get and is thankful—it is in better condition than was expected, as there are more flowers and they are of better quality than is usual at this time of year; but each day sees the supply diminish and the quality of the stock grow worse. However, all things considered, business is very fair. The weather has been all that could be desired, just moderate summer temperature, but from present prospects we are in for another scorching spell, as it is much warmer today (July 14) than it has been at any time during the past week. Funeral work is about all that is doing and white flowers hold the lead.

In roses, white ones are of the poorest quality and scarce at that. Some nice Kaiserins make their appearance once in awhile and sell readily, but there is not a regular supply of them coming in. Pink buds are very poor, a good many of them being almost unfit for sale, owing to the mildew and small size. There are plenty of red roses and quite a lot of Beauties, but the latter are not of very good quality, although they have very fair stems. There is a good demand for them. Brides, Maids, Liberties, etc., bring 2 cents to 4 cents, and many go at $1 per 100. Beauties bring 50 cents per dozen up to $2 for the longest stems.

Carnations still hold up very fair as to quality, and there is a goodly number of all colors with the exception of white. The red ones are very good, considering the time of year. As might be expected, white ones being scarcest are most in demand, and many more could be disposed of. They bring at present $1.50 per 100 for the best quality, a very few extras reaching $2.00; ordinary grades, 50 cents to $1 per 100.

There is any quantity of outdoor grown stock, such as candytuft, feverfew, balsams, etc. Some very good gladioli are coming in and bring 2 cents to 3 cents per spike. Sweet peas, too, are in good supply, but the quality is not very good. They bring 15 cents to 25 cents per 100.

Meeting of the Florists' Society.

The first outdoor meeting of the Cincinnati Florists' Society, which was held at the home of Charles Pommert, Amelia, Ohio, on July 10, proved to be rather a disappointment. Fourteen of the members started for the Carrel street depot of the C. P. & G. R. R. in good style, but about five miles this side of Amelia the tender of the engine left the tracks. No one was hurt, but the train was delayed so long that the party did not arrive at Amelia until about thirty minutes of train time to return. A fine lunch was awaiting them and they disposed of it as best they could in the short time allowed. There was considerable business that ought to have been attended to that night, but there was no time, so an extra meeting was called for Tuesday evening, July 15, at the clubrooms of the society in the Jabez Elliott Flower Market.

Various Items.

William B. Lampert, son of J. J. Lampert, Xenia, Ohio, has made application to the courts to be freed from his debts. His liabilities are $1,283, with no assets.

It is rumored that Dave Knott, one of the oldest florists in this vicinity, is about to sell his business. His place is situated in Avondale, this city, and was run by his father before him. This place is a landmark in the florist business of this city, having been in existence for so many years.

Mr. S. G. Cobb of Covington, Ky., has decided to sell his greenhouse and retire from business.

The report is out that Dock Sunderbruch, who has been considered by all to be a confirmed stag, has at last decided to separate himself from a life of single blessedness and try his luck in the wedded state. The bride-to-be resides in Cleveland, Ohio; is one of that city's fairest daughters, and July 16 is the date set for the wedding. Notwithstanding all this, Dock says there is not a word of truth in the report. Well, time will tell.

The outing committee is making good progress, and all that is needed to make our annual outing a success is a good day. Don't forget the date, Thursday, July 24.

J. W. Rogers attended a wedding at Amelia, Ohio, on Thursday last.

A letter from Mr. Deake of Asheville gives the following hotels as those most desirable for the convention visitors to put up at: The Battery Park, rate $3.50 up; the Swannanoa, $2 to $3; Hotel Berkeley, $2 to $3, and the Oaks, $2. There will be no official headquarters, or at least none have been chosen so far.

C. J. Ohmer.

NEWPORT, R. I.

The rose and strawberry show of the Newport Horticultural Society was an excellent display, especially in view of the fact that there were no plants.

The silver cup for best display of cut roses arranged for effect was won by W. Barth, gardener for Hon. Perry Belmont; second went to C. Robertson, gardener for Mrs. R. Goelet; third to H.

SAMUEL S. PENNOCK, Wholesale Florist.

SELECT VALLEY..... 1612 Ludlow St. PHILADELPHIA, PA.

During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.

Williamson, gardener for C. Vanderbilt.

For best twenty-five Beauties first was divided between R. Gardner, gardener for J. J. Van Allen, and W. Barth.

For best twelve H. P. roses, named varieties, H. Williamson was first, second going to John Ash, gardener for Miss E. A. Clark, Pomfret Center.

For best twelve H. P. roses, six varieties, C. Robertson was first; James Nicol, gardener for J. A. Beebe, Falmouth, second; H. Williamson, third.

For best vase of twelve H. P. red, C. Robertson, first; C. D. Stark, second.

Vase of twelve H. P. pink, C. Robertson, first; James Nicol, second.

Vase of twelve H. P. white, James Nicol, first; H. Williamson, second.

Vase of twenty-five H. P., John Ash, first; C. Robertson, second; James Robertson, gardener for Mrs. Richardson, third.

Vase of twenty-five H. T. or T., R. Gardner, first; W. Barth, second.

Bouquet of roses, first, A. Griffin, gardener for Com. E. T. Gerry; second, W. Barth; third, H. Williamson.

Basket of flowers other than roses, first to T. Fieldhouse; second, Allen Jenkins; third, Sam Williams.

Corsage bouquet, first, John Finn; second, F. Fieldhouse.

In the fruit and vegetable classes the winners of first prizes were Thomas Beattie, C. D. Stark, Samuel Spires, J. A. Beebe, R. Goelet, Mrs. Richardson and Miss E. A. Clark.

Special prizes were awarded to Miss E. A. Clark for display of fruit; to J. J. Van Allen for Cattleya Gigas; to Miss Mason for campanulas and digitalis; to Major Gibbs for collection of herbaceous flowers; to Com. E. T. Gerry for Iris Hispanica; to Hon. Perry Belmont for carnations. A certificate was awarded for Clerodendron fallax.

Another exhibition will be held in the Casino July 22 and 23. F.

WE HAVE word from Mr. William Scott that owing to absence from home, attending the funeral of the late William Crowe, at Utica, he was unable to send any miscellaneous seasonable hints for this week's issue.

DELANSON, N. Y.—Ernest Harris has purchased the controlling interest in the firm of C. A. Harris & Co., and will in future have full management of the business.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR RENT—Greenhouse, originally built for private use. Afterwards enlarged and surplus product sold. Florist has resigned and proprietor desires to be relieved from its management and will accept very low rent—$10.00 a month. Will purchase product to at least double the amount of rental. There are 7000 square feet of glass, good basement, first-class hot water heating apparatus, good customers, ready sale for product. Address for further information Youmans & Bro., Winona, Minn.

FOR SALE—100 boxes 18x20 double strength A. best quality glass, new. $5.10 per box. F. O. B. Cash. F. Walker & Co., Florists, Louisville, Ky.

FOR SALE—Iron pipe, 2000 feet new 2-inch; 1200 feet 1-inch steam pipe. F. Walker & Co., Louisville, Ky.

FOR SALE—3000 carnation stakes at ¾-cent each. Eggeling Floral Co., St. Louis, Mo.

FOR SALE—Florists' ice box, cheap. 12 ft. front 4 doors, 8 ft. deep and 10 ft. high. Nearly new. E. Bernheimer, 1604 Ludlow street, Philadelphia, Pa.

WANTED—By August 15th a good grower of roses and carnations; must be good worker, sober, industrious and reliable; good pay and steady employment. John Fallon, Staunton, Va.

WANTED—A good grower for a place of 12,000 feet. Single or married. Must be steady and not afraid of work. State references and wages wanted. J. M. Smely, Aurora, Ill.

WANTED—An assistant in rose and carnation houses. Also boy to learn the business. State age and wages wanted including board and washing. John L. Wyland, De Haven, Pa.

WANTED—Rose section man. Call, or address Brant & Noe, West Peterson and North 48th Aves., Chicago.

SITUATION WANTED—As foreman in first-class florist business; well up in growing cut flowers and general stock for wholesale and retail trade; 19 years' experience in the business; German, single, 35 years of age. Address E. Horn, 1500 Olive Street, St. Louis, Mo.

SITUATION WANTED—By a middle aged man, single, as assistant gardener and florist. Address, W. Gardner, care Fuebner Bros., Oconomowoc, Wis.

SITUATION WANTED—As manager or foreman on a large commercial place by a practical florist (American) who has handled 100,000 square feet of glass successfully for the past ten years. Correspondence solicited. Address American, care Florists' Review.

FOR SALE—Greenhouse of 6000 ft. of glass; best location in northern Ohio; town of 8,500; two of the three greenhouses going out of business. Good reason for selling. Floyd Anderson, Norwalk, Ohio.

FOR SALE—My greenhouse, almost new, 25x125 ft., filled with plants to suit the trade. As good a retail stand as there is in St. Louis. Place will stand the strictest investigation. Price, $2,250 for house and lot, stock to be taken at market prices. Purchaser to have priviledge of 25 ft. adjoining at $30.00 a foot, and another 25 ft. with 6 room house. Fred Huke, 4579 Evans Ave., St. Louis, Mo.

FOR SALE—About 300 ft. 4-in. cast iron pipe 700 ft. 3-in. wrought iron pipe, 200 ft. 2½-in., 250 ft. 2-in., 300 ft. 1¼-in., about 5,000 lights 6x8 glass in boxes and a No. 4 Weathered boiler which is worth $100 but will sell for $60; been in use only 5 years. Mrs. M. I. Butler, 13 Chesterfield St., Readville, Mass.

FOR SALE—2,000 second-hand greenhouse glass (not covered with putty nor broken), $3.50 per 100. Pipe, from 1 inch to 4 inch (not cast stuff), and sash bars and fittings. Chas. Helm, Stevens Point, Wis.

WANTED TO RENT—By responsible party, an established florist business in one of the western states, about 12,000 feet of glass. Give full particulars in first letter. Address Ambition, care Florists' Review.

WANTED—Hot water boiler, Hitching's preferred; 500 ft. 4-in. pipe and 300 boxes glass 14x16 or longer. Swan & Son, Sturgeon, Wis.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

WANTED—Rose grower to take charge of section. Steady position to right party. J. F. Wilcox, Council Bluffs, Iowa

FOR SALE—Best florist business in Southern Illinois in live business town. Fine trade in cut flowers and plants. Plant of three houses. Water heat. Will be sold cheap. Address Illinois, care Florists' Review.

SITUATION WANTED—By young lady thoroughly experienced in floral designing; good saleslady and book-keeper, also very handy about greenhouses. Address Chicago, care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—A young gardener (a German preferred) who understands taking care of palms and other plants; also to help in flower store in St. Louis. Address St. Louis, care Florists' Review.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

FOR RENT—A prosperous retail and wholesale business; new houses complete; 15,000 feet of glass, 16x24; one acre of land and dwelling; rent $60 per month; opposite Woodmere cemetery gates; one mile from Detroit, Mich. Address Anton Kaier, Woodmere P. O., Mich.

WANTED—A young man with some experience in greenhouse. State wages with room and board. Must be sober, reliable and a good worker. Address Fred. J. King, Ottawa, Ill.

WANTED—Three or four good rose growers. Good wages to right men. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

WANTED—To rent with privilege of buying, a medium size place in good condition; Illinois, Iowa, Indiana or Michigan. Address 50, care Florists' Review

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 725 E. State Street, Redlands, Cal.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

FOR SALE!

IRON TANK.

16 ft. long, 8 ft. wide, 3 ft. deep.

IN GOOD CONDITION.

KENNICOTT BROS. CO.

CHICAGO, ILL.

For Sale at a Bargain

Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address F. S., care Florists' Review.

Always Mention the....

Florists' Review

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LEO NIESSEN, N. W. Cor. 13th and Filbert Sts. Philadelphia, Pa.

During July and August store will be open from 7 A. M. to 6 P. M.

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CINERARIA, CALCEOLARIA and CHINESE PRIMROSE.

UNRIVALED STRAINS FROM ENGLISH SPECIALISTS.

Cineraria—English Prize Giant-Flowering, Mixed, per pkt., 500 seeds, 25c; ½ tr. pkt., 60c; tr. pkt., $1.00
Calceolaria— " " " " " " 500 seeds, 25c; ½ " 60c; " 1 00
Primula (Chinese Primrose) English Prize, Fringed, Mixed.....per 100 seeds, 25c; 500 seeds, $1.00; 1000 seeds, $1.50.
Primula Forbesii (Baby Primrose) Rosy Lilac .....per 100 seeds, 25c; 500 seeds, $1.00
Primula Obconica Grandiflora .....per 100 seeds, 20c; 1000 seeds, $1.50
Pansy—J. & S. Kingly Collection—The finest strain of Giant Pansies now offered to the trade. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; per oz., $5.00.

JOHNSON & STOKES, 217-219 MARKET STREET, PHILADELPHIA, PA.

Mention The Review when you write.

PIPING.

We have two houses, each 22 feet wide in clear and 300 feet long, running east and west, in which we want to maintain a temperature of 58 degrees. We don't often have zero weather. The boiler pit is 9 feet deep at the east end. Please state how many pipes we need, the best size to use, how and where to place them. Will heat by steam. The houses are on a level piece of ground It is about 13 feet from ground to ridge-pole.

W. Va. D. & S.

Referring to the inquiry of D. & S., for the heating of houses described, either of two plans may be carried out. A 3 1-2-inch steam main to extend from the boiler up to the ridge pole and extending along each house with a downward grade, branches at the far end into 12 1-inch return pipes, conveniently distributed under the benches and on the side walls, these returns running together at the boiler end of each house into a 2 1-2-inch return main, separate steam and return mains to extend from the boiler to each house, or if more convenient they can connect at any point into a common steam and return, the diameter of the steam being 5-inch and the return 3 1-2-inch.

The second plan would be to place all the radiating surface below the benches and on the side walls, thus doing away with an overhead steam main, the coils to be made up of 1 1-4-inch steam pipes from the boiler end to the farthest end and 1-inch return pipes back to the boiler end, grading down hill all the way, requiring 6 1 1-4-inch flows and 6 1-inch returns.

The size of boiler necessary for this work would be not less than 35 H. P.; 40 H. P. would be better.

New York. Henry W. Gibbons.

MONTREAL.

The annual picnic of the Gardeners' and Florists' Club takes place at Boute de L'Ile July 23d. In addition to the usual races there will be a quoit match, tug of war and a sack race.

Several members have expressed their intention of being present at the coming convention of the C. H. A. at Hamilton.

H.

Superior, Wis.—The contracts have been let for the erection of Miss L. O'Sullivan's greenhouses at Billing's Park. There will be six houses, each 20x100. All will be completed by Sept. 1st.

CHRYSANTHEMUMS.

We have a large stock of fine plants from 2½-inch pots, ready to ship on short notice. Our selection of Standard Varieties, $20.00 per 1000; $12.00 per 500. Write for prices on large orders. Following is a partial list; send for complete list.

	Per 100		Per 100
T. Eaton	$4.00	H. A. Parr	$3.00
Nellie Pockett	8.00	R. Hailiday	4.00
Lady Roberts	8.00	Major Bonnaffon	3.00
Mrs. E. D. Smith	6.00	Philadelphia	5.00
Golden Beauty	8.00	Modesto	3.00
Mrs Chamberlain	8.00	Nagoya	3.00
Mme. F. Bergmann	3.00	M. de Montmort	3.00
Willow Brook	3.60	Glory of the Pacific	3.00
Merry Monarch	3.00	Lady Harriott	6.00
Polly Rose	3.00	Maud Dean	4.00
G. S. Kalb	3.00	Xeno	3.00
Ivory	3.00	Geo. W. Childs	4.00
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WHOLESALE GROWERS .....OF..... Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.

WHOLESALE BULB GROWERS,

PETERSBURG, VA.

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Extra Fine Valley

During the Summer

$4.00 to $5.00 per 100

H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.

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W. J. Cowee, Berlin, N. Y.

Manufacturer of

MACHINE WIRED TOOTHPICKS

10,000....$1.50; 50,000....$6.25

3000 6-Inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

Mention The Review when you write.

CABBAGE PLANTS! Burpee's All-Head, Fottler's Brunswick, Succession and All-Season. Field-grown. 15 cents per 100; $1.00 per 1000.

JOHN G. LEHDE, Forks, Erie Co., N. Y.

Mention The Review when you write.

ROSE PLANTS!

One-year-old Brides and Maids. Wood well ripened and cut back, in fine condition to plant. Sword Ferns, Asp. Sprengeri.

J. H. BORNHOEFT, Tipton, Ind.

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George M. Moss

WHOLESALE FLORIST.

Beauties, Brides, Maids, Carnations, Daisies, Sweet Peas, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

EDWARD REID

WHOLESALE FLORIST.

Valley and all seasonable summer flowers.

1526 Ranstead Street. PHILADELPHIA.

Store closes at 6:30 P. M. Saturday 1 P. M.

Long Distance Telephone.

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FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

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Eugene Bernheimer,

WHOLESALE FLORIST,

Will Remove to 11 S. Sixteenth Street about August 1st.

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PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

Cineraria, Giant Prize.....pkt., 50 cts.
Calceolaria, Grandiflora..... " 50 cts.
Primula, Chinese Fringed.... " 50 cts.
Cyclamen, Giganteum, 100 seeds, 75 cts.; 1000 seeds, $6.00.
Pansy, superb mixture.....oz., $5.00

W. C. BECKERT, Allegheny, Pa.

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Michigan Seed Co.

WHOLESALE GROWERS

GLADIOLUS, DAHLIA and CANNA

Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

THE E. G. HILL CO.

Wholesale Florists,

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Charles Millang, 50 W. 29th St. NEW YORK.

All through the early morning hours
I hear the music of the flowers,
And day and night their voices ring;
And this the song I hear them sing:—
"Long live Millang The Lily King!"

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to.
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

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ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

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MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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CHRISTMAS FLOWERING Sweet Peas

MISS FL. E. DENZER, large pure white flower. 1 pkt., containing 2 ozs. of seed, **$1.50** 8 pkts., containing 1 lb. of seed, **$10.00.** Mailed free.

ZVOLANEK'S CHRISTMAS, the well known pink and white, 1 lb., **$4.00.**

Both varieties, if sown first part of September, start to blooming in November and flower all winter till June.

Also **MONT BLANC** (European) **$2.00** per lb., and all other select florists' Sweet Pea Seed at low prices.

ANT. C. ZVOLANEK,
GRAND VIEW, N. J.

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YOU can plant at any time — Roses from 4 and 5-in. pots; Crimson Rambler, Gen. Jacqueminot, Coquette des Blanches, Clothilde Soupert, etc., fine clean plants, 9c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 2-year, from 5-in. pots, 18c; 1 year, from deep 3-in., 9c. Clematis Paniculata, 2-year, from 5-in. pots, 10c; extra from 6-in., 18c. Japan Gold Leaf Honeysuckle, fine 3 and 4-in., 10c. Also nice 2-in. Centaurea gymnocarpa, 2c. Henderson's Snowball and Selected Erfurt Cauliflower from 2-in. pots, 2c. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

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BOSTON FERN

Small plants, 2-3 fronds, $25.00 per 1000. Just right for planting for Fall plants.

The New Nephrolepis Fern Anna Foster, Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c. 75c and $1 each.

L. H. FOSTER, Dorchester, Mass.

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5000 SMILAX TO CLOSE.

500 Hibiscus, in 2½ to 4-inch.
5000 Sprengeri, 2 to 6-inch.
5000 Plumosus, 2 to 5-inch.
Boston Ferns, 4 to 10-inch.

Let us have your orders.

GEO. A. KUHL, Pekin, Ill.

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A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

Abutilon, Acacia, Acalypha, Anthrophœnix, Acer japonicum, Achillea, Achimines, Acrophyllum, Adiantum, Agapanthus, Agave, Ageratum, Allamanda, Alocasia, Aloysia, Alternanthera, Amaranthus, Amaryllis, Ampelopsis, Ananas, Annuals, Anthericum, Anthurium, Antirrhinum, Aponogeton, Aquatics, Araucarias, Ardisia, Aristolochia, Asparagus, Aspidistra, Asplenium, Aster, Astilbe japonica, Azalea, Balsam, Bay Trees, Bedding Plants, Begonia, Bellis, Bottom Heat, Bougainvillea, Bouvardia, Bromeliads, Browallia, Bulbs, Caladium, Calamus, Calceolaria, Camellia, Canna, Carludovica, Carnation, Celosia, Centaurea, Cheiranthus, Chrysanthemum, Cineraria, Clematis, Cobea, Cold-frames, Coleus, Cosmos, Cotyledon, Crinum, Crocos, Croton, Cycas, Cyclamen, Cytisus, Dahlia, Decorations, Decorative Pl'ts, Deutzia, Dianthus, Dracaena, Drainage, Easter Plants, Epacris, Erica, Eriostemon, Eucharis, Eupatorium, Euphorbia, Ferns, Fertilizers, Ficus, Fittonia, Floral Arrangements, Freesia, Fuchsia, Fungicides, Gardenia, Geranium, Gladiolus, Glazing, Glechoma, Gloxinia, Grasses, Greenhouse Bldg, Grevillea robusta, Hardy Perennials, Hardy Shrubs, Heating, Hedera (Ivy), Hedge Plants, Heliotrope, Hibiscus, Hollyhock, Hotbeds, Hoya, Hydrangea, Impatiens, Insecticides, Iresine, Jasminum, Kalmia, Koeniga, Lantana, Lapageria, Lawns, Libonia, Lilium, Lily of the Valley, Linum trigynum, Lobelia, Lysimachia, Manettia, Manures, Maranta, Martinezia, Maurandya, Metrosideros, Mignonette, Mimulus, Moon Flower, Mulching, Musa, Myosotis, Nepenthes, Nierembergia, Oleander, Orchids, Othonna, Oxalis, Packing Flowers, Packing Plants, Paeonia, Palms, Pandanus, Panicum var., Pansy, Pelargonium, Peperomia, Perilla, Petunia, Phlox, Pinks, Poinsettia, Potting, Primula, Rhododendron, Richardia, Ricinus, Roses, Salvia, Santolina, Sedum, Seed Sowing, Selaginella, Shading, Skimmia japon'a, Smilax, Soils, Solanum, Stephanotis, Stevia, Stocks, Store Manage'mt, Swainsona, Sweet Peas, System, Thunbergia, Torenia, Tropaeolum, Tuberose, Valotta, Vases, Ventilation, Veranda Boxes, Verbena, Vinca, Violet, Watering, Zinnia

Price, $5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

Asparagus Plumosus,

Strong plants from 2-inch pots, $4.00 per 100; $30.00 per 1000.

Asparagus Sprengeri,

Strong plants from 2½-inch pots, $3.00 per 100; $25.00 per 1000.

5,000 ENGLISH IVY,

Strong plants in 3-inch pots, $5.00 per 100; $35.00 per 1000.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

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ZIRNGIEBEL GIANT PANSIES.

Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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W. & T. SMITH COMPANY, GENEVA, N. Y.

Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

WE control the American market (**and don't forget it**) in Araucaria Excelsa. Three large consignments of this favorite pot plant arrived early in May. Our houses are now full of them. Notice the following low prices:

ARAUCARIA EXCELSA,

5-inch pots,	3 tiers,	10 inches high	.....	50c
5½ "	3 "	10 to 12 inches high.		60c to 75c
6 "	4 "	15 to 18 "		75c to $1.00

Kentia Forsteriana, 25 to 28 inches high, 5½-in. pots, 5 leaves, 75c. **Kentia Belmoreana,** 20 inches high, 5½-inch pots, 5 leaves, 75c. All good, healthy stock. **Ficus Elastica** later. **Begonias,** tuberous rooted, fine color, 5-inch pots, $1.80 per doz. Mention if pots are wanted. Cash with order please.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 ONTARIO ST., PHILADELPHIA, PA.

Asparagus Plumosus

3-inch pots, at $5.00 per 100.

SMILAX, 2-inch pots, at $1.50 per 100.

Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.

A Few Money Makers.

	100	1000
Asparagus Plumosus 2½-in., strong..	$5.00	$45.00
" " 4-in.....	8.00	
" Sprengeri, heavy stock, 2½-in.....	4.00	
Smilax, strong, 2-in.....	1.50	12.00
" from flats.....	1.00	6.00

ALFRED G. FEHR, Belleville, Ill.

Mention The Review when you write.

THE REGAN ...PRINTING HOUSE...

Nursery..... Seed..... Florists'.... **Catalogues**

87-91 Plymouth Place, Chicago.

Mention The Review when you write.

CHICAGO TO ASHEVILLE.

The Chicago Florists' Club has arranged with the Big Four and Southern railways for the trip to the convention of the S. A. F. at Asheville, N. C., Aug. 19 to 22.

The party will travel from Chicago by special cars on the Big Four road (C. C. C. & St. L. Ry.), leaving at 8:30 p. m., Sunday, Aug. 17, reaching Cincinnati early Monday morning. The morning will be spent in the Ohio city and at 2 p. m. the party will take a special train on the Queen & Crescent and Southern railways, reaching Asheville at 7 o'clock Tuesday morning.

Sleeping car reservations made in advance. Send in your names, stating space wanted and number of people in your party. This is quite necessary, that all may have proper accommodations. Address E. F. Winterson, 45 Wabash avenue, Chicago.

SUCH A MUCH.

The melancholy days have come, the saddest of the year,
The time Carnations look so "bum," and Roses are so queer.
It seems a long, long time since flowers bloomed fine and gay,
And yet it is but five short weeks that Mildew came to stay.

The Thrips came first upon the scene, they were a mighty host!
And myriad buds were chewed, I ween, e'er they gave up the ghost.
And now has business gone to pot, Sweet Peas are in the soup,
The weather is so baking hot that even Daisies droop.

The florist who stays in his store from morn 'til dewy eve
Sees patrons few come in the door, which causes him to grieve.
The weather is too hot to bowl at Tenpins—yet I fear
Some do go "bowling" all the same with Highballs, and with beer.

Yet there are some who like a lark, and seek Dame Fortune's graces,
Breaking Bookies at Washington Park and beating all the races.
But there's a good time coming, boys, Convention week draws nigh,
In Asheville with its sights and joys I'll meet you bye and bye.

C. HERMANN.

WASHINGTON.

In the Washington Times of Sunday, June 29, appears an excellent portrait and a sketch of the life of Mr. Wm. F. Gude, the well known florist who has been elected Chief Rabban of Almas Temple, A. A. O. N. M. S.

Mr. Gude is a member of the Masonic, Odd Fellow, Pythian, and Elk fraternities. He has filled the chairs and attained the honors in the subordinate lodges in Masonry, Odd Fellowship, and Pythianism, being a past master, F. A. M. and I. O. O. F., and past chancellor, K. of P. He is also past commander of De Molay Commandery No. 2, Knights Templars, and the present grand treasurer of the grand commandery. He has been president of the Washington Florists' Club, and in 1898, as is well known to the trade, he was president of the Society of American Florists.

ROCHESTER, N. Y.—The Cleveland Seed Co. has been incorporated with a capital stock of $5,000. The directors are: W. J. Mandeville and F. B. King, of this city, and S. M. Pease, of Cape Vincent.

CLYDE, O.—O. P. Horton has admitted R. C. Arlin to partnership in his florist business and the firm name will be Horton & Arlin.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Manager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given
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GREENHOUSES, ROGERS PARK, ILL.
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WM. DILGER, Manager.
Wholesale Florist Commission,
Full line of Florists' Supplies and Decorations
Special attention to shipping orders.
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The Cincinnati Cut Flower Co.,
437-439 Main St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
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McKELLAR & WINTERSON CO.

Supply Everything Used by Florists, Nurserymen, Gardeners, Seedsmen..... Cemeteries, Parks, etc.

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45-47-49 Wabash Ave.

Telephone Main 1129. **Chicago.**

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

H.G.Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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FRANK M. ELLIS,

Wholesale Florist,

316 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

Mention The Review when you write

Primroses

	Per 100
Chinese and Forbesii, 2-inch pots	$2.00
Asparagus Plumosus	3.50
Smilax, 2-inch pots	1.00

CASH OR C. O. D.

JOS. H. CUNNINGHAM,

DELAWARE, OHIO.

Mention The Review when you write

PANSY SEED! Lehde's pansies are pronounced the finest on the Buffalo market. Twelve years of careful selecting has accomplished this. Large size, varied and rich colors, new crop now ready. ¼-oz., $1.00; 1 oz., $3.00. **John G. Lehde, Forks, Erie Co., N. Y.**

Mention The Review when you write.

Largest and Finest Stock of

CHRYSANTHEMUMS

in the country. Also 200,000 Young Rose Plants in best possible shape.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	3.50
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.50
Merry Christmas	1.50	2.50
Robinson	1.50	2.00
Ivory	1.50	2.00
Queen	1.50	2.50
Jerome Jones	1.50	2.00
Gr. Buettner	1.50	2.00
Wanamaker	1.50	2.00

YELLOW.	Per 100 R. C.	Per 100 2½-in.
Harry A. Parr	$1.50	$2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	2.50
Gold Mine	2.50	3.00
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whildin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00

PINK.	Per 100 R. C.	Per 100 2½-in.
Montmort	$1.30	$2.00
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	2.50
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—IMMENSE STOCK OF COL. APPLETON, rooted cuttings, $15 per 1000; 2½-inch pots, $20 per 1000. **BONNAFFON,** rooted cuttings, $12 per 1000; 2½-in. pots, $18 per 1000. **OCTOBER SUNSHINE,** rooted cuttings, $1.75 per 100; 2½-in., $2.50 per 100. Fine stuff.

ROSES FOR FORCING.

50,000 **SURPLUS PLANTS** in fine shape; going fast.

	2½-in. Per 100	Per 1000	3-in. Per 100	Per 1000
American Beauties			$8.00	
" "	$5.00			
Golden Gates	3.00	$25.00	4.50	$40.00
Maids	3.00	25.00		40.00
Brides	3.00	25.00		40.00
Meteors	3.00	25.00		40.00
Perles, 3½-inch				$6.00 per 100

STEVIA, R. C., per 100.....$1.50 2½-in., per 100.....$2.50 2½-in., thousand lots.....$22.50

No order filled for less than $2.00, or less than 10 of a variety. 5 per cent discount allowed for Cash. Remittances must accompany orders from unknown parties. Goods sent C. O. D. if requested. All orders filled in strict rotation, and as soon as stock is ready. Every order has our personal supervision and satisfaction is guaranteed. Cuttings rooted to order if not in stock.

Poehlmann Bros. Co., -- Morton Grove, Ill.

Mention The Review when you write.

C. RAYNER, Anchorage Rose Houses,

632 4th Ave. LOUISVILLE, KY.

SPECIALIST FOR

Summer Grown ROSES and CARNATIONS

Also Headquarters for **Pot Roses** 3-inch, extra fine, Maids and Brides, **$4.00** per 100; **$32.50** per 1000. Cash with order.

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Burpee's Seeds Grow

LOOK...

ON PAGE 201, ISSUE OF JULY 10, FOR OUR

Slaughter Sale!

Remember we give 5 per cent discount when cash accompanies order.

GREENE & UNDERHILL

WATERTOWN, N. Y.

Mention The Review when you write.

The Best Variegated Foliage Plant to-day is

PANDANUS VEITCHII.

Fine plants, bench pots, **$12.00** a doz.

Also larger sizes at **$1.50** and **$2.00** each.

JOHN WELSH YOUNG, GERMANTOWN,

Upsal Station, Penna R. R. **PHILADELPHIA, PA.**

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CYCLAMEN

Giganteum or Persicum.

Extra fine plants; ready for shifting for Christmas blooming, 3-in., $5.00 per 100. **Cinerarias,** 2-in., $2.00 per 100 **Smilax,** 2-in., $1.00 per 100. **Asparagus Sprengeri,** 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **Utica, N. Y.**

Mention The Review when you write

Always mention the Florists' Review when writing advertisers.

Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy Field grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss curled, 40c per 100; $2.50 per 1000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

Mention The Review when you write.

100,000 Smilax

Fine plants from 2¼-inch pots, ready for planting, $1.25 per 100; $10.00 per 1000; $15.00 per 5000.

The W. T. Buckley Plant Co.,

SPRINGFIELD, ILL.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

AGERATUMS.

Ageratum, blue, 2¼-in., $2.00 100. Princess Pauline, 2¼-in., $2.50 100. Greene & Underhill, Watertown, N. Y.

AMPELOPSIS.

Ampelopsis quinquefolia, 5-in., extra strong $5.00 doz. Bobbink & Atkins, Rutherford, N. J.

ARAUCARIAS

ARAUCARIA EXCELSA.

Pots.	High.	Tiers.	Each.
4-inch	5 to 7 inches	2	$0.35
5-inch	8 to 10 inches	3	.50
6-inch	10 to 15 inches	3 to 4	.75
6-inch	16 inches	4	1.00
6-inch	20 inches	4 to 5	1.25
7-inch	24 inches	4 to 5	1.50

ARAUCARIA EXCELSA GLAUCA.

Pots.	High.	Tiers.	Each.
5-inch	8 to 10 inches	2	$0.75
6-inch	12 inches	2 to 3	1.00
6-inch	15 inches	3	1.25
7-inch	18 inches	4	1.50

ARAUCARIA ROBUSTA COMPACTA.

Pots.	High.	Tiers.	Each.
6-inch	10 inches	2 to 3	$1.25
6-inch	12 inches	3	1.50

H. A. DREER, 714 Chestnut St., Philadelphia.

Araucaria excelsa glauca, 5-in., 3 tiers, $9.00 doz.; 7-in., 4 tiers, $24.00 doz. Araucaria excelsa, 7-in., 5 tiers, $24.00 doz. Bobbink & Atkins, Rutherford, N. J.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. We devote twelve large houses to this specialty. 2-in., immediate delivery, $4.00 per 100; $35.00 per 1000; 5000 for $150.00. Cut strings of asparagus at any time, $6.00 per doz.; $50.00 per 100. Asparagus, long sprays, $2.00 per 100; $20.00 per 1000. Sprengeri, 2-in., $3.00 per 100; $25.00 per 1000.

Emerson C. McFadden, Telephone, 28A, Short Hills, Short Hills, N. J.

Asparagus plumosus nanus, from 2¼-in. pots, just the thing for fern dishes or planting out, pays better than ferns to cut from, $3.75 per 100; $35.00 per 1000. Strong stock from 3-in. pots, will go right ahead to cut from if planted out now, $8.00 per 100. Cash with order.

JOSEPH TOWELL, Paterson, N. J.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000; A. Sprengeri, strong plants, 2½-in. pots, $3.00 100, $25.00 1000. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, 2½-in., strong, $5.00 100, $45.00 1000; 4-in., $8.00 100. A. Sprengeri, heavy stock, 2½-in., $4.00 100. A. G. Fehr, Belleville, Ill.

Asparagus Sprengeri from flats, once transplanted, $1.00 per 100. Hoffman Bros., 768 Glisan St., Portland, Ore.

5000 A. Sprengeri, 2 to 6-in., and 5000 A. plumosus, 2 to 5-in. Let us hear from you. Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2-in. pots, fine plants, $2.00 per 100. Ruxton Floral and Nursery Co., Ruxton, Md.

Asparagus Sprengeri, strong plants, 4-in., $8.00, 2-in. $2.00 per 100. A. Schmitt, Glenville, Ohio.

Asparagus Sprengeri, 4-in., good stock, ready for shift, $6.00 100. Hull Floral Co., Morris, Ill.

Asparagus plumosus nanus, 3-in., fine, strong stock from our own seed. $7.00 per 100. Van Wert Greenhouses, Van Wert, Ohio.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2¼-in., $1.50 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 4-in., $10.00 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus, $3.50 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, 3-in., $5.00 100. Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASTERS.

Vick's and Semple's Branching and Paeony Perfection from 2½-in. pots, $1.00 100. Swan Floral Co., Findlay, O.

BAY TREES.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

BEDDING PLANTS.

	Per 100
Geraniums, best bedders in bloom; double scarlet and double pink, 4-in., $4.00; 3-in.,	$2.00
Fuchsias, in bloom, in var., 4-in.	5.00
Coleus, in variety, 2½ and 3-in.	2.00
Torenia Belfordii, in bloom, 3-in.	2.00
Tradescantia quadricolor, in bloom, 3-in.	3.00
Begonia Vernon, in bloom, 2½-in.	2.00
Lantana, Bouton d'Or, 3-in.	2.50
Umbrella plants, 3-in.	3.00
Lobelia, Kaiser Wilhelm, 3-in.	2.00

Cash with Order.

John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

ALL GOOD PLANTS.

Geraniums, S. A. Nutt, Bruant, La Pilote and other good vars., 3½-in. pots, $5.00 per 100; S. A. Nutt, 2½-in., $2.50 per 100. Heliotrope, 3 vars., 3½-in., $5.00 per 100. Cannas, C. Henderson, Mme. Crozy, Paul Marquant, F. Vaughan, fine plants, 4-in., $5.00 per 100. Vinca Vines, 3-in., $3.00 per 100. Scarlet Sage, Ageratum, dwarf blue, Browallia, Parlor Ivy, Torenia Asiatica, Thunbergia, Lobelia Crystal Palace Gem, all 2½-in., $2.50 per 100.

Cash with Order.
Wm. J. Chinnick, Trenton, N. J.

Coleus. Crimson Verschaffeltii, Golden Bedder and others, 2-in. pots, $1.00 per 100; $10.00 per 1000.

Alternantheras, P. Major (red) and A. Nana (yellow), 2-in. pots, $1.00 per 100; $10.00 per 1000.

Giant Sweet Alyssum, 2-in. pots, $1.50 per 100.

Cash with Order.
C. A. Harris & Co., Delanson, N. Y.

La Favorite ger., 4-in., $5.00. Mme. Sallerol, $2.50. Rex Begonias, 2-in., $3.00. Antherieums, 3-in., $2.00. Cash. Dann & Son, Westfield, N. Y.

BEGONIAS.

Begonias. Tuberous rooted, single (1¼-1½-inch bulbs), in separate colors, 20c per doz.; $1.10 per 100; $10.00 per 1,000. This exceptional offer is made to clear the stock.

JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Begonia Pink Vernon, good stock, 4-in., $8.00 100. Hull Floral Co., Morris, Ill.

BERRIED PLANTS.

Potted strawberry plants, leading kinds. Planted in August will produce a fine crop of largest berries next spring. F. A. Baller, Bloomington, Ill.

BULBS.

Freesias, choicest white stock.

	12	100	1000
⅜-½-inch circ., select	$0.05	$0.40	$3.00
½-inch up, large	.10	.60	5.00
¾-inch up, mammoth	.15	.85	7.00

Lilium Harrisii, sound, clean, honest stock.

	12	100	1000
5x7-inch circ.	$0.60	$4.75	$45.00
7x9-inch circ	1.50	10.00	100.00
9x11-inch circ	2.75	20.00	
Bermuda Buttercup Ox.	.15	1.00	8.00

H. H. Berger & Co., 47 Barclay St., New York.

Narcissus and Daffodils, Guernsey Lilies, Arum Lilies and Belladonna bulbs at moderate prices.

A. J. Collas, Paradise Vineries, Guernsey, Channel Islands.

FREESIAS, CALLAS, LILIUM HARRISII, etc. If our bulb list has not been received we shall be pleased to send it on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

Freesia bulbs, ½-in. and up, $3.00 per 1000; ¼ to ½-in., $1.25 per 1000, prepaid. Samples on application. Cottage Nursery, 919 5th St., San Diego, Cal.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

We are large importers of Holland, French, Chinese and Japanese bulbs. Write for our bulb list. Bobbink & Atkins, Rutherford, N. J.

CANNAS.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

CACTI.

Cacti and Succulents. Specialist, Importer and Exporter. Frantz De Laet, Conich, Belgium.

CARNATIONS.

Field grown. Joost, Crocker, Hill and Crane. Send for samples and prices. John Wolf, Savannah, Ga.

Send for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

Carnations. Send to us for prices on what you need.
Geo. Hancock & Son, Grand Haven, Mich.

For rooted carnation cuttings write to John Brod, 349 W. North Ave., Chicago.

CASSIAS.

CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

CENTAUREAS.

Centaurea gymnocarpa, 2-in., 2c. W. H. Salter, Rochester, N. Y.

Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

CHRYSANTHEMUMS.

Chrysanthemums. Fine, strong plants from 2½-inch pots. Per 100:

T. Eaton	$4.00	George S. Kalb	$3.00
N. Pockett	8.00	Ivory	3.00
Lady Roberts	8.00	Mrs. J. Jones	3.00
Mrs. E. D. Smith	6.00	H. A. Parr	3.00
Golden Beauty	8.00	R. Halliday	4.00
Mrs. Chamberlain	8.00	Bonnaffon	3.00
Bergmann	3.00	Philadelphia	5.00
Willow Brook	3.00	Modesto	3.00
Merry Monarch	3.00	Nagoya	3.00
Polly Rose	3.00	Xeno	3.00
M. de Montmort	3.00	Childs	4.00
Glory of Pacific	3.00	Intensity	4.00
Lady Harriott	6.00	Maud Dean	4.00

Our selection of standard varieties, $20.00 per 1000; $12.00 per 500. Send for complete list.

H. WEBER & SONS, Oakland, Md.

Chrysanthemums.	Standard varieties.
Bonaffon.	Minerva.
Cullingfordii.	Mrs. Jerome Jones.
Eureka.	Mrs. J. D. Whilldin.
Modesto.	Murdock.
Mrs. J. J. Glessner.	Mrs. R. McArthur.
Mrs. H. Weeks.	Mrs. O. P. Bassett.
Nivcus.	Rose Owen.
V. H. Hallock.	Prince of Wales, large-flowering, hardy white.
J. H. Woodford.	

2½-in. pots, 30c per doz., $2.00 per 100, 1000, our selection, of from 15 to 20 kinds, for $15.00.

Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.

R. VINCENT, JR. & SON, White Marsh, Md.

Mrs. H. J. Jones.	Midge.
Alice Byron.	Ivory.
Glory of Pacific.	Appleton.
Mrs. H. Robinson.	Yellow Fitzwygram.
Maud Dean.	Xeno.
Yellow Jones.	Modesto.
Pres. Smith.	Lavender Queen.
V. Morel.	Nagoya.
M. Henderson.	Yanariva.
Geo. S. Kalb.	Mrs. E. D. Smith.

Mrs. S. T. Murdock.

Nice young stock, 2-in. pots, $2.50 100.
N. SMITH & SON, Adrian, Mich.

Chrysanthemums, Wm. Simpson, Pacific, Polly Rose, Ivory, pink Ivory, Hayes, Bonnaffon, Jones, Maud Dean, at $2.00 100. Chadwick and Appleton out of 2½-in. pots, $3.00 100. Cash, please. J. H. Fiesser, 415 Summit Ave., West Hoboken, N. J.

Chrysanthemums, fine surplus stock from 2¼ and 3-in. pots, $2.50 per 100; rooted cuttings, $1.00 100; Molatsch, Poly Rose, Bonnaffon, Ivory, Leach, Simpson, Montmort, Yellow and White Monarch, and Jones. Emil Leuly, West Hoboken, N. J.

Chrysanthemums, the largest and finest stock in the country.

	WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton		$3.00	$4.00
Chadwick		2.50	3.50
White Bonnaffon		2.50	3.50
Fitzwygram		1.50	2.50
Bergmann		1.50	2.50
Kalb		1.50	2.50
Merry Christmas		1.50	2.50
Robinson		1.30	2.00
Ivory		1.30	2.00
Queen		1.50	2.50
Jerome Jones		1.30	2.00
Gr. Buettner		1.30	2.00
Wanamaker		1.30	2.00
	YELLOW.		
October Sunshine		2.00	2.50
Harry A. Parr		1.50	2.50
Yellow Jones		2.00	2.50
Golden Wedding		1.75	2.50
Gold Mine		2.50	3.00
Yel. Fitzwygram		1.50	2.50
Yel. Bergmann		2.00	2.50
Golden Trophy		1.50	2.00
Pennsylvania		2.00	2.50
Yellow Ivory		2.00	2.50
Harry Hurrell		1.50	2.50
Whilldin		1.30	2.00
O. P. Bassett		1.30	2-in. 2.00
	PINK.		
Montmort		1.30	2.00
Glory Pacific		1.30	2.00
Perrin		1.30	2.00
Xeno		2.00	2.50
Morel		1.50	2.00
Murdock		1.50	2.00
Pink Ivory			
	RED.		
Defender		1.50	2.00
Shrimpton		1.50	2.00
Childs		1.50	2.00
	BRONZE.		
Lady Hanham		1.50	2.50

SPECIAL—Immense stock of COL. APPLETON rooted cuttings, $15.00 per 1000; 2½-in. pots, $20.00 per 1000. BONNAFFON rooted cuttings, $12.00 per 1000; 2½-in. pots, $18.00 per 1000. OCTOBER SUNSHINE rooted cuttings, $1.75 per 100; 2½-in. pots, 2.50 per 100. Fine stuff.

No order filled for less than $2.00, or less than 10 of a variety.

POEHLMANN BROS. CO., Morton Grove, Ill.

Chrysanthemums.—W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Parks, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.

Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.

R. F. Tesson, West Forest Park, St. Louis, Mo.

1500 Bonnaffon, 2½ and 3-in. pots, $2.00 per 100.

500 Glory of Pacific, 2½-in., $2.00 per 100.

700 Glory of Pacific rooted cuttings, $1.00 per 100.

500 Mrs. Robinson, 2½ and 3-in., $2.00 per 100.

W. Fowler, Hollyoak, Del.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.

MRS. J. W. CROUCH, Chattanooga, Tenn.

1000 strong chrysanthemum plants from 2½ and 3-in. pots—Bergmann, Oct. Sunshine, Bonnaffon, Viviand-Morel, Glory of Pacific, Col. Appleton, T. Eaton, Geo. Childs, Jones, Philadelphia—will take $18.00 for the lot.

JOSEPH LABO, Joliet, Ill.

Chrysanthemums. Mrs. Robinson, Yellow Queen, Philadelphia and Major Bonnaffon from 2-½ and 3-in., $2.00 100. Cash with order. F. Bloodeel, 722 No. 64th Ave., Oak Park, Ill.

Chrysanthemums, E. G. Hill, Modesto, Maud Dean, Bonnaffon, Yanoma, Bigelow, Robinson, Bloodgood and Ivory, 2½-in., $2.00 100, $15.00 1,000. A. D. Montgomery, Hazeltop, Pa.

Surplus Chrysanthemums. Bonnaffon, Jerome Jones, Merry Xmas, Maud Dean, 2½-in., ready to plant. Order at once. H. W. Field, Northampton, Mass.

Chrysanthemums. All good commercial varieties. R. C., $1.00 per 100; 2½-in., $2.50 per 100. Send for list. Krueger Bros., Toledo, O.

5,000 2½-in. pot chrysanthemum plants, good market sorts. Our selection, $1.50 100, $12.50 1,000. Cash. Geo. A. Heinl, Toledo, O.

A few good chrysanthemums, leading varieties from 2½-in., $2.50 100. Harry White, R. D. No. 6, Wabash, Ind.

Polly Rose chrysanthemum, 2-in., $2.50 100. W. G. Kroeber, Tremont St., New Bedford, Mass.

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500 chrysanthemums, best varieties, quality guaranteed; 3-in., $2.50 100, 4-in., $6.00.

G. Van Bochove & Bro., Kalamazoo, Mich.

Chrysanthemum White Bonnaffon, 3-in., strong, $4.00 100. C. Winterich, Defiance, Ohio.

CINERARIAS.

Cinerarias, 2-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

CLEMATIS

Large-flowering clematis. Finest purple, white, lavender, and pink sorts, 2-yr., 5-in., 15c; 1-yr., 3-in., 9c. Clematis paniculata, 2-yr., 5-in., 10c; extra, 6-in., 15c. W. H. Salter, Rochester, N. Y.

Clematis Jackmani, 4-in., $5.00 doz. Clematis paniculata, 4-in., $3.00 doz. Bobbink & Atkins, Rutherford, N. J.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus. Elegant, strong plants, for immediate effect, from 3 and 2½-in. pots, 10 sorts, at $1.50 100, $10.00 1000, $18.00 2000. Mrs. M. Cavanaugh, Ionia, N. Y.

Coleus, assorted, 2¼-in., $2.00 100. Verschaffeltii, P. & P., Golden Bedder, Her Majesty, 2¼-in., $2.50 100. Cash. Greene & Underhill, Watertown, N. Y.

Coleus, 3-in., $1.75 100.

W. J. & M. S. Vesey, Fort Wayne, Ind.

CUPHEAS.

Cupheas, 2¼-in., $2.50 100. Greene & Underhill, Watertown, N. Y.

CYCLAMEN.

Cyclamen giganteum, extra fine strain and plants; to separate colors, ready to July; 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen giganteum or persicum, ready to shift for Christmas blooming, 3-in., $5.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 2½-in., stocky plants, $3.00 100. Converse Greenhouses, Webster, Mass.

DAHLIAS.

Dahlias. Gloire de Lyon, Empress of Austria, Mme. Lorton, Mme. Furtaldo Oblata, Keyne's White, etc. Collection of 200 varieties, each 25c. BEAULIEU, Woodhaven, N. Y.

Dahlias. Surplus stock of the Pink Water Lily Dahlia, NYMPHEA. Fine for cutting; plant now for September blooms. Field roots, $3.00 per 100. W. P. Carre, Mantua, N. J.

Dahlia A. D. Livoni, fine bulbs, $2.00 per 100. R. B. Brown, Seabrook, N. H.

DAISIES.

Marguerite Daisies, to close out, from 2½-in. pots, fine plants, $2.50 per 100.

George Smith, Manchester, Vt.

Burbank's Shasta daisy, $15.00 100. California Carnation Co., Loomis, Cal.

Marguerites, white, 3-in., $4.00 100.

Greene & Underhill, Watertown, N. Y.

DRACÆNAS.

200 Dracaena indivisa, 6-in. pots, 3 ft. 6 in. high, full heads, fine for vases, $15.00 per 100; $2.00 per doz. Ruxton Floral and Nursery Co., Ruxton, Md.

Dracaena indivisa, 5-in., 20c each. Crown Point Floral Co., Crown Point, Ind.

FERNS.

FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.

ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.

ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, N. J.

Boston Ferns, small plants, 2 to 3 fronds, $25.00 1,000; just right for planting for fall plants.

Orders booked now for September delivery for the new Nephrolepis fern ANNA FOSTER Small plants $25.00 100.

L. H. FOSTER, 45 King St., Dorchester, Mass.

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100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.

John H. Ley, Good Hope, Washington, D. C.

Boston Ferns, 2½-in., $6.00 100, 3-in., $10.00, 4-in., $15.00 100, 6-in., 50c each, 7-in. 75c, 8-in. $1.00 each. Cash. W. J. & M. S. Vesey, Fort Wayne, Ind.

Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000, Beard Bros., West Fort St., Detroit, Mich.

FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps. Sunnyside Ferneries, Secaucus, N. J.

FERN BALLS, $3.60 per doz., $25.00 per 100. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Ferns for fern dishes, 2 and 2½-in. pots, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Fern Balls, good size, $25.00; extra, $30.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

Japan fern balls started, $5.00 doz., $40.00 100. Bobbink & Atkins, Rutherford, N. J.

Boston ferns from 4-in. pots and up. Write Geo. A. Kuhl, Pekin, Ill.

GERANIUMS.

Our geraniums that have been bedded in on the shelf are equal to 4 or 5-in. pot plants and we sell 'em at $3.75 100. We pack light. E. I. Rawlings, Quakertown, Pa.

Geraniums, strong, well-established plants of leading varieties at $2.50 100; our selection, $2.00 100. Greene & Underhill, Watertown, N. Y.

Geraniums. Assorted, single and double, in bud and flower, 3-in., $6.00 100. E. & C. Woodman, Danvers, Mass.

Geraniums, 20 leading sorts, 2¼-in., $2.00 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums in bloom, fine stocky plants, 4-in., $6.00 100. W. J. & M. S. Vesey, Fort Wayne, Ind.

GLADIOLI.

Cut Gladioli Spikes, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.

ARTHUR COWEE, U. S. Representative and Grower of Groff's Hybrids. "Meadowvale Farm," Berlin, N. Y.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

Gladioli bulbs, 50c per 100.

Williams & Sons Co., Batavia, Ill.

HARDY PLANTS.

Ampelopsis Veitchii, 1 year, No. 1, $3.00 per 100; $15.00 per 1000. No. 2, $1.50 per 100; $10.00 per 1000.

Yucca Filamentosa, 1 year, No. 1, $10.00 per 1000; No. 2, $6.00 per 1000.

Calycanthus Floridus, 1 year, No. 1, $2.00 per 100; $10.00 per 1000. No. 2, $1.00 per 100; $5.00 per 1000.

Azalea, Amoena and Viburnum Tomentosum, well rooted cuttings, $2.50 per 100; $20.00 per 1000.

SAMUEL C. MOON, Morrisville, Pa.

Norway Maples, 3 to 4 inches caliper, 14 to 15 ft. in height. We have a fine block of 2000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Philadelphia, Pa.

We are offering advantageous contract prices for 1902-1903, upon roses, clematis, paeonies, flowering shrubs, ornamental trees.

JACKSON & PERKINS CO., Newark, New York.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.

W. & T. Smith Co., Geneva, N. Y.

ALL HOLLAND NURSERY STOCK.

ENDTZ, VAN NES & CO.,

BOSKOOP. Catalogue free. HOLLAND.

HELIOTROPES.

Heliotropes, 2¼-in., $2.50; 3½-in., $4.00; 4-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

HIBISCUS.

500 hibiscus in 2½ to 4-in. pots.

Write Geo. A. Kuhl, Pekin, Ill.

HONEYSUCKLES.

Japan Gold-leaf honeysuckle, fine 3 and 4-in., 10c. W. H. Salter, Rochester, N. Y.

HYDRANGEAS.

Hydrangea Otaksa in tubs, fine plants for decorations, $3.00 each. Bobbink & Atkins, Rutherford, N. J.

IVY.

English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

German Ivy, 2¼-in., $2.00 100. Cash.
Greene & Underhill, Watertown, N. Y.

LILY OF THE VALLEY.

Extra fine VALLEY, $4.00 to $5.00 per 100. H. N. Bruns, 1409 W. Madison St., Chicago.

LOBELIAS.

Lobelias, 2-in., $1.50 100. Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Mushroom spawn, very vigorous, gives extra large and heavy mushrooms. Paul Swanson, 2747 47th St., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NARCISSUS.

Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.
Hall's Nurseries, Cherry Valley, Ill.

Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

HIGH-GRADE PAEONIES.
C. S. Harrison's Select Nursery, York, Neb.

PAEONIES—September shipments.
J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.
Wanted—500 small asparagus plumosus nanus in exchange for above.
W. J. HESSER, PLATTSMOUTH, NEB.

Phoenix reclinata in tubs, 5 ft., $7.50 ea.; 6 ft., $10.00 ea. Kentias Forsteriana and Belmoreana in all sizes. Bobbink & Atkins, Rutherford, N. J.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

Kentias, good, 5oc, 75c and $1.00 each.
L. H. Foster, 45 King St., Dorchester, Mass.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Zirngiebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirngiebel, Needham, Mass.

Pansy plants from the famous Jennings' strain of seed, ready Sept. 1, at $4.00 1000. E. B. Jennings, Southport, Conn.

PEPPERS.

Oriental Peppers, strong 3-in. pot plants, in fruit, $2.00 per 100; 50 at 100 rate. Haskell Ave. Floral Co., Dallas, Tex.

Oriental Peppers, fine 2-in. stock. 6 best varieties, $2.00 per 100. J. F. Kidwell & Bro., 3806 Wentworth Ave., Chicago.

PETUNIAS.

Single petunias, in bloom, 2¼-in., $2.00, 3-in. $3.00 100. Greene & Underhill, Watertown, N. Y.

Petunias, double and single, fringed, 2½-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias. Single, in bud and flower, 2-¼-in., $3.00 100. E. & C. Woodman, Danvers, Mass.

PRIMULAS.

Improved Chinese primroses, finest large-flowering fringed varieties, single and double, named or mixed, ready for 3-in., $2.00 100. Extras added. Cash. John F. Rupp, Shiremanstown, Pa.

Chinese and Forbesi, 2-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

PYRETHRUMS.

Pyrethrum, white and golden, 3-in., $4.00 100. Greene & Underhill, Watertown, N. Y.

ROSES.

Well-grown rose stock in perfect condition to plant:

	100	1000
American Beauties, 3-in.	$8.00	$75.00
Perles, 3-in	5.00	50.00
Meteors, very fine, 3-in.	4.00	35.00
Golden Gates, extra fine, 3-in.	5.00	50.00
Brides, 3-in.	5.00	45.00
Brides, 2¼-in.	3.00	25.00
Maids, 3-in.	5.00	45.00
Maids, 2¼-in.	3.00	25.00

W. H. GULLETT & SONS, Lincoln, Ill.

ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots.

	2½-in. Per 100	Per 1000	3-in. Per 1000
Maids	$3.00	$25.00	$40.00
Brides	3.00	25.00	40.00
Meteors	3.00	25.00	40.00

Golden Gates, 2½-in., $3.00 per 100, $25.00 per 1000; 3-in., $4.50 per 100, $40.00 per 1000.
American Beauties, 3-in., $8.00; 2½-in., $5.00 100. Perles, 3½-in., $6.00 100.
POEHLMANN BROS. CO., Morton Grove, Ill.

Roses for winter flowering. Fine, healthy stock from select cuttings.

Safrano,	Bon Selene,
Maid,	Papa Gontier,
Golden Gate,	Mme. Hoste,
Bride,	Kaiserin,

3-in., $7.00, 4-in. $10.00 per 100,
Sunrise and Liberty, 3-in., $9.00.
GRAFTED ROSES. Kaiserin and Golden Gate, 3½-in., $15.00 per 100.
J. L. DILLON, Bloomsburg, Pa.

500 Brides, 2¼-in. ..... $2.00 per 100
300 Maids, 2¼-in. ..... 2.00 per 100
100 Gates, 2¼-in. ..... 2.00 per 100
1000 Brides, 3-in., fine ..... 4.00 per 100
1000 Maids, 3-in., fine ..... 4.00 per 100
This stock is first-class. It is stock we expected to plant but find we have enough and this to spare. Cash with order.
CHAPIN BROS., Lincoln, Neb.

Rose plants. 200 Brides, 300 Bridesmaids, 100 Golden Gate, 3-in. pots, $3.00 per 100. 100 Perles, 4-in. pots, $4.00 per 100. 1,000 Maids and Brides, 2½-in. pots, $2.00 per 100. Also a small lot of Meteors, 3-in. pots, $2.00 per 100. In perfectly healthy condition. Fostoria Floral Co., Fostoria, Ohio.

ROSE PLANTS—SPLENDID STOCK.
Golden Gates 3-in. ..... $5.00 per 100
Maids, 3-in. ..... 5.00 per 100
Brides, 3-in. ..... 5.00 per 100
Kaiserins, 3-in. ..... 7.00 per 100
Beauties, 3-in. ..... 8.00 per 100
A. C. BROWN, Springfield, Ill.

Roses from 4-in. pots, strong.
1000 Bridesmaids ..... $4.00 per 100
500 Brides ..... 4.00 per 100
1000 Perles ..... 4.00 per 100
Cash with order. R. Williamson, Weehawken P. O., North Bergen, N. J.

BRIDES and BRIDESMAIDS rose plants, repotted 5 times; elegant stock. 3-in $5.00 100, $40.00 1,000; 3½-in. $6.00 100. $50.00 1,000. Cash with order. Brant & Noe, Forest Glen, Chicago.

ROSE BUDS. Leading varieties of Hybrid Perpetuals and Mosses. Price: $5.50 per 1000; $15.00 per 5000. Orders under $3.00 not acceptable. Huntsville Wholesale Nurseries, Huntsville, Ala.

900 Brides and Maids, 2½-in. $2.50 100
150 Brides and Maids, 4-in. 4.00 100
Make us an offer on the lot. Could use some Flora Hill carnations. Marion Floral Co., Marion, Ind.

Roses. 1000 Bridesmaid, 200 Meteor, 300 Kaiserin, good bushy plants in 3-in. pots, ready for shift, $5.00 per 100, $45.00 per 1000. J. J. Cummings, 1131 W. Baltimore St., Baltimore, Md.

5000 assorted rose plants in 3 and 4-in. pots, Golden Gate, Perle, Bride, Bridesmaid and Meteor. Write for prices.
SAM'L FEAST & SONS, 228 N. Charles St., Baltimore, Md.

SURPLUS ROSES, of all the leading varieties, in 2 by 2½, 2½ by 3-in. and 3-in. pots. Let us know your wants—we will make the price right. Geo. A. Kuhl, Pekin, Ill.

Surplus Stock of forcing roses, in 2½-in. pots, carefully grown and intended for our own use. Kaiserin, Meteor and Aug. Guinnesseau, $3.00 100. J. B. Heiss, Dayton, Ohio.

Roses from 3-in. pots, healthy plants—Am. Beauty, Bride, Maid, Wootton, La France and Golden Gate, cheap for CASH. Jos. Heinl, Jacksonville, Ill.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Bride, Bridesmaids, Perle and Golden Gate roses, 4-in., $8.00 per 100.
Geo. L. Parker, Washington & Rockwell Sts., Boston, Mass.

5000 healthy Bride and Bridesmaid roses at $4.00 per 100; $35.00 per 1000. 500 at 1000 rate. Cash with order. W. T. Hillborn, Newtown, Pa.

SURPLUS STOCK. Brides and Maids, strong, 4-in. pots, 6c; 3-in. pots, 4c. Stock is strictly first-class.
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Maman Cochet roses, strong plants, 4-in., $12.00; 2-year-old, $15.00 100. C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Rose plants. Meteor, 2½-in., $3.50 100; Golden Gate and Kaiserin, 4-in., $8.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Crimson Rambler, Gen. Jacqueminot, C. des Blanches, C. Soupert, etc., fine, clean plants. 9c. W. H. Salter, Rochester, N. Y.

1,000 exceptionally fine Golden Gate roses, out of 3-in. pots, $4.00 per 100. A. F. Barbe, 1007 Walnut St., Kansas City, Mo.

Golden Gate roses, fine plants, 3-in. pots, $4.00 per 100; $35.00 per 1000. Ruxton Floral and Nursery Co., Ruxton, Md.

Brides and Maids, strong plants. To close out, 3-in., $3.00 per 100; 2½-in., $2.00 per 100. Krueger Bros., Toledo, O.

American Beauty, 3-in., $7.00 100; 3-in., seconds, $5.00 100. Crabb & Hunter, Grand Rapids, Mich.

Roses. Brides and Maids, 2¼-in., $2.00 100, $18.00 1000. Cash with order.
Joseph Bradbury, South Orange, N. J.

Maids and Brides, 3-in., extra fine, $4.00 100, $32.50 1000. Cash. C. Rayner, Anchorage, Ky.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Rubber plants, large-leafed, red-ribbed variety, 1st size $20.00 100, $175.00 1000; 2nd size $15.00 100, $135.00 1000. Bobbink & Atkins, Rutherford, N. J.

Rubber plants, per doz.—12-in., $2.50; 18-in., $3.50; 18 to 24-in., $5.00; 24 to 30-in., $7.00; 30 to 36-in., $9.00. Joseph Heinl, Jacksonville, Ill.

Rubber plants, various sizes; prices on application. Ruxton Floral and Nursery Co., Ruxton, Md.

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Salvias, 2¼-in., $2.00 100. Greene & Underhill, Watertown, N. Y.

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Calceolaria hyb., mammoth flowers, tigered and spotted, per pkt., 25c.

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Cineraria hyb., maxima grandifl., per pkt., 500 seeds, 25c; 5 pkts., $1.00.

Cineraria hyb., dwarf growing, per pkt., 500 seeds, 25c; pkts., $1.00.

Cyclamen persicum, giant flowers, separate white, rose, crimson, with red eye, best English strains, 10 seeds, 60c; 1000 seeds, $5.00; or mixed.

Primula Sinensis Fimbriata, in white, rose, blue, Chiswick red, white with yellow eye, 100 seeds, 25c; 1000 seeds, $1.75; mixed, 100 seeds, 20c; 1000 seeds, $1.50.

Pansies, Berger's Neverfail Mixture, made by ourselves, containing the choicest sorts, finest strain, all colors, 1000 seeds, 25c; 5000 seeds, $1.00; oz., $2.50. Any separate color desired—white, black, red, lilac, purple, violet, yellow, light or dark blue, rose, copper, bronze, four colors, 1000 seeds, 25c; 5000 seeds, $1.00.

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Unrivaled strains from English specialists. Cineraria, Eoglish Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Calceolaria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Primula (Chinese primrose), Englisb Prize, fringed, mixed, 100 s., 25c; 500 s., $1.00; 1,000 s., $1.50. Primula Forbesii (Baby Primrose), rosy lilac, 100 s., 25c; 500 s., $1.00. Primula obconica grand., 100 s., 20c; 1,000 s., $1.50. Pansy, J. & S. Kiogly collection, the finest strain of giant pansies now offered to the trade, 1,000 s., 30c; 2,000 s., 50c; 5,000 s., $1.00; per oz., $5.00.

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Giant Pansy seed, large-flowering varieties, 2000 seeds, $1.00; half pkt., 50c. Cinerarias, finest dwarf, 1000 seeds, 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Chinese primrose, finest grown, large-flowered, fringed, single and double, 15 var., mixed, 500 seeds, $1.00; half pkt., 50c. Daisy, double giant, white and rose, mixed or separate, 1000 seeds, 25c. Cash. A pkt. of new ever-blooming forget-me-not, "Constance," added to every order.

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Pedigreed seed from Rosecroft Gardens. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

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SMILAX PLANTS. 1500 strong, bushy plants from 2½-in. pots, ready now, $2.50 per 100. Cash. H. P. Owen, Box 84, Toughkenamon, Pa.

Smilax. Big, strong plants ready to run; they are fine and will surely please you. $1.50 100; $13.00 1000. C. Humfeld, Clay Center, Kan.

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Cabbage Plants—Burpee's All-Head, Fottler's Brunswick, Succession and All-Seasons, field-grown, 15c 100, $1.00 1,000. J. G. Lehde, Forks, N. Y.

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field-grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

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LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

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Mammoth verbenas, 2¼-in., $2.00; 3-in., $3.00; Lemon verbenas, 2-in., $2.00. Greene & Underhill, Watertown, N. Y.

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Vincas, 3-in., $4.00; 3½-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

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Aristolochia sipho (Dutchman's pipe), 5-in., $5.00 doz. Wistaria chinensis, 7-in., $9.00 doz. Golden Honeysuckle, 7-in., $9.00 doz. Bobbink & Atkins, Rutherford, N. J.

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Marie Louise violets, large, strong, healthy plants; worth double, but to make room offer at $10.00 1000; extra large plants, $14.00 1000; good strong plants from soil $7.00 1000. All No. 1 stock—your money back if not satisfactory. Cash, please. Wm. S. Herzog, Morris Plains, N. J.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.

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Marie Louise violet plants from stock that secured four prizes the past year. Inspection invited. Apply for prices. C. G. Velle & Son, Marlborough, N. Y.

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PURE BONE MEAL for Greenhouses. The brand we are selling has no superior. It is pure bone, guaranteed free from acids, and is sold at as low rates as many inferior brands, which cannot be used with safety in greenhouse culture. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 1,000 lbs., $15.00; ton, $27.50.
PULVERIZED SHEEP MANURE.—The most effective of all fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have, we feel assured of their patronage. Price per sack of about 2 bushels, weighing 90 to 100 lbs., $1.50; 500 lbs., $5.00; ton, $15.00.
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FLORISTS' BONE MEAL, a tried and tested brand, per sack (200 lbs.), $3.25; per ton, $28.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

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Hunt's TYPHOON BRAND. The best Hose for greenhouse use. It stands the wear of dragging and pulling around bench posts. Price low for quality. Three-quarter inch, 7-ply black:

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HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
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BAMBOO PLANT STAKES for chrysanthemums, etc. Strong ⅝ to ½-inch, 4 to 6 feet, per 400 $2.50; per 1200 $6.00. Cash with order.
C. H. JOOSTEN, Importer, 178 Chambers St., New York.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

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Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
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Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

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E. H. Hunt, 76-78 Wabash Ave., Chicago.

DES MOINES, IA.

This locality has been blessed with an abundance of rain this season, and while we have not had more than the ground needed, yet with the vast amount that fell north and west of us, it caused our two rivers, the Des Moines and Raccoon to overflow their banks, and the amount of damage has been large.

Julius Leidig's greenhouses are situated in the bottom land and the levee gave way. The water rushed upon the houses until it was half way up the sash-bars. It came with such force, carrying rubbish and timbers with it, that the side of one house was crushed in. The other two fared better and the damage to them is not so serious. On his stock the loss will be total, including his field carnations, and will probably amount to $1,500 or $2,000. It is hard to estimate it when one stands and looks at it with water five feet deep all around. Certain it is, he can ill afford to lose it, as he has had a vast amount of sickness in his family lately.

The parks never looked better than now. We noticed a fine bed of pansies at Union Park that is a great attraction, being planted in black, yellow, blue and white in order named, beginning in center of bed. The Dorothy Perkins roses are in fine effect and are a splendid acquisition to the Rambler family.

Our delegation to the S. A. F. O. H. convention will be small. J. T. D. F.

GAINESVILLE, GA.—J. E. Jackson reports a most satisfactory trade this season, it showing an increase of one-third over last year. It has been very dry and hot here. The thermometer reached 100 degrees recently, the highest ever known here.

BROOKLYN, N. Y.—John DeWolf, the landscape gardener, who formerly held a position in the park department, was taken to Bellevue hospital last week suffering from opium poisoning. He was unable to explain how he had taken the opium.

UTICA, N. Y.—C. F. Baker has completed the erection of two new houses containing 5,000 feet of glass. They will be devoted to ferns. Mr. Baker now has seventeen houses with a total area of 25,000 square feet.

Our Stock Will Please Your Customers.

WE HAVE A FINE AND LARGE STOCK OF

KENTIAS, LATANIAS, ARAUCARIAS, ASPIDISTRAS, FERNS, BAY TREES and Miscellaneous **Decorative Stock.**

COOL GROWN AND IN EXCELLENT CONDITION.

CATALOGUE ON APPLICATION.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

ST. PAUL.

Business has now reached ebb tide and vacations and early closing should be the order of the day, and night, too, but alas! are not in this town. With but one exception the stores are all kept open till 8 p. m. during the week and till noon Sundays, as though the shekels were pouring in instead of an occasional nickel for a boutonniere.

Good stock is not very plentiful and all that is good finds a market. Beauties, Kaiserins, Meteors, Carnots, Testouts, Brides and Maids constitute the principal cut. A few carnations of fair quality are still coming in. Sweet peas, corn flowers, delphiniums, coreopsis, gaillardias, etc., are quite abundant, but besides making a place showy and attractive are not very profitable.

Swanson is cutting some asters, and May & Co. have valley and auratums. These being out of the ordinary run of flowers sell quite readily.

The growers have been quite busy replanting and repairing. A. S. Swanson has one new house completed and planted to roses. It is 25x120 in dimensions, has 16x20 lapped glass, four beds underlaid with 3-inch square tiling and is a fine house for roses. Two more houses are under way. These are 15x120 and 20x120 respectively, and will be planted to mums, which are one of Mr. Swanson's specialties. All of the roses at his place are new plants, being fine, clean and healthy. Three houses are planted to violets in solid beds. Outside there is a great variety of annuals and hardy perennials in bloom. He also has a very fine lot of araucarias which are making a very vigorous growth. A batch of azaleas carried over are making good growth.

At Chris Hansen's, roses, which he grows very extensively, are all replanted, and nearly all are old ones cut back and carried over. One house contains Meteors planted for the third time. They did exceptionally well last season and are now breaking into fine new growth again. Mr. Hansen has been one of the largest and most successful Liberty growers in this section and is planting a large number again this season. He expects to sail for Denmark, his native land, in about ten days.

At L. L. May & Co.'s work is being pushed on their new houses as rapidly as possible. Roses are all planted except those to go in the new range. Old stock is being replanted here also and nothing but grafted stock on imported Manetta is used, as club root played such havoc on other stocks as to preclude their use. Three houses of mums are planted and carnations, which have made an exceptional growth in the field, will be lifted the last of July.

At Como Park the lily ponds are attracting the visitors at present, while the show of Crimson Rambler and Queen of the prairie roses is most gorgeous. About town Clematis Jackmanni is now one mass of blossoms.

The Twin City Florists' picnic will be held in the near future, either at Wildwood or Spring Park. The committees are arranging an excellent program of sports and a full attendance of all in the trade is earnestly desired.

Otto Hiersekorn is rusticating at Fertile, Minn.

Fred Schultz sailed for his old home in Germany last week.

X. Y. Z.

PIPING.

Please tell me the highest number of feet of 2-inch wrought iron pipe a 10-horse-power return tubular boiler will heat with water where the temperatnre does not go below zero at the coldest.

J. J.

In reply to J. J., a 10-H. P. boiler used for water heating will give sufficient heat to supply 2,560 lineal feet of 2-inch pipes, assuming that the pipe surface in relation to glass surface is proportionately provided for.

New York. HENRY W. GIBBONS.

HOLLYHOCK RUST.

The rust which attacks the leaves of hollyhocks is the hollyhock fungus (Puccinea Malvacearum) and is nearly allied to the violet fungus. Whenever this attacks a hollyhock it is nearly certain to kill it, and whenever it appears the best thing to do is to pull up the plants attacked and burn them to prevent its spreading. Half measures are not of the least use.

RIBES.

ASTORIA, N. Y.—In a quarrel with his wife, August Mulle, a florist, so seriously injured her with a garden rake that she will probably die. He asserts that she tried to shoot him and that he acted in self defense.

Mention The Review when you write.

ALL FLORISTS,

WHO KNOW IT, USE

Sulpho-Tobacco Soap.

(PATENTED.)

A Cheap, Non-injurious Insecticide.

It has for years given satisfactory results. Quickly kills all insect life. Sold by Seedsmen. A 3-oz. trial cake, making 1½ gallons prepared solution, mailed for 10 cents.

Larkin Soap Co. BUFFALO, N. Y.

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FRUIT AND FLOWER PLATES

Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN

SEND FOR PRICE LIST.

Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.

VREDENBURG & CO., Rochester, N. Y.

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The Florists' Manual Tells You What You Want to Know in the Way You Want to be Told.

B. & A. SPECIALTIES Dutch, French, Chinese and Japanese BULBS

Ask for our SPECIAL WHOLESALE BULB LIST—NOW READY.

BOBBINK & ATKINS, - RUTHERFORD, N. J.

Mention The Review when you write.

DENVER, COL.

Death of Wm. J. Crowe.

At the age of 32, Wm. J. Crowe died in this city on July 11th after a brief but ineffectual struggle to regain his health. He came here nearly two years ago from Utica, N. Y., in which city his father, Peter Crowe, has successfully conducted a rose establishment for a great many years. The sincere sympathy of the craft in this city goes out to the bereaved wife and the two little daughters and no less to the aged father and mother, who have made every effort and have spent money with a lavish hand in an ineffectual attempt to save this only child.

He was loved by all who knew him here and was affectionately called "Billy" by his acquaintances. Exactly one week before his death he attended a picnic of the Park Floral Company employes, where he responded to a toast and feelingly alluded to the affection which he recognized was evidenced by this nickname. He made a brave fight and was cheerful and sunny to the last. Fortunately when the end came it came quickly and without pain. Mr. Valentine accompanied the widow and the remains to Utica where the interment took place under the auspices of the Masonic order.

P.

MILWAUKEE.

Summer dullness is now with us and business is practically at a standstill. Prices reached low water mark during the week, prices on carnations going down to 5 cents per bunch to keep them cleaned up. Good fancy brought as high as $1.50 per 100, but the bulk of them will not average more than 50 cents per 100. Roses ranged from so much per bucket, which was any old price, to $6 per 100 for good Kaiserin, Gates and Liberty. Retailers and street men all displayed "10 cents per dozen" signs. The hot weather after a protracted cool spell is crowding the market with stock, much of the inferior grades of which goes to the dump. Sweet peas are extremely plentiful and sales at 1 cent per bunch are reported. Field grown plants which were retarded by cool and wet weather are now making rapid growth, and stock has improved considerably the past week.

Paul Mueller, Burlington, Wis., was a visitor.

Incog.

Hornellsville, N. Y.—The floods have ruined all of the carnations, cannas and other stock in the field at W. A. Wetlin's. The water has been higher than ever before known here.

Syracuse, N. Y.—James J. Belden has announced his intention to give a greenhouse to Oakwood cemetery. He will also fit out the greenhouse and proposes to spend in all $15,000 on it. Work on the structure will not be commenced until next spring.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.30	3 60	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	
" " strong	8	26 to 30	7 to 10	1.50	18.00	
Asparagus Sprengeri	2				.50	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Plo. Nanus	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6.00	
Pandanus Veitchii	5			1.00	12.00	
" "	6			1.50	18.00	
" "	7			2.50	30.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Nephrolepsis Bostoniensis	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	
" "	8				12.00	
" "	9				18.00	
" "	10				24.00	
Assorted Ferns, for fern dishes, 2-inch pots						3.00

Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

Mention The Review when you write.

PRIMROSES!

IMPROVED CHINESE. Finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-inch pots, $2.00 per 100. Extras added.

GIANT PANSY SEED.

The best large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50 cts.

CINERARIA. Finest dwarf, 1000 seeds 50 cts.

CALCEOLARIA. Dwarf, large-flowering, tigered and spotted, fine, 1000 seeds, 50 cts.

CHINESE PRIMROSE. Finest grown, large-flowering, fringed, single and double, 15 varieties, mxd., 500 seeds, $1.00; half-pkt., 50 cts.

DAISY. Double Giant white and rose, mixed or separate, 1000 seeds, 25 cts.

Cash. A packet of the new ever-blooming forget-me-not "Constance" added to every seed order.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L. I.

Mention The Review when you write.

ALL THE BEST CARNATIONS

Orders Booked Now for Fall Delivery.

SEND FOR PRICES.

Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

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PANSY

NEW GIANT--Mme. Perret

The Prize Strain, exhibited at the Pan-American Exposition, true stock, 50c per trade packet; $5.00 per ounce.

Our Choicest Mixture of the best strains procurable, 50c per trade packet; $1.25 per ⅛ ounce; $2.00 per ¼ ounce.

WALTER MOTT SEED & BULB CO.,

JAMESTOWN, N. Y.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Watch this Space for Future Bargains.

JOHN BROD,

349 W. North Ave., CHICAGO, ILL.

GREENHOUSES, NILES CENTER, ILL.

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FIELD-GROWN

Carnation Plants!

FOR IMMEDIATE PLANTING.

FRANCES JOOST, ETHEL CROCKER, FLORA HILL, G. H. CRANE.

Send for samples and prices.

JOHN WOLF, - Savannah, Ga.

Mention The Review when you write.

Dreer's Special Offer .....of Araucarias.

We have in stock about twelve thousand Araucarias, on which we are in a position to offer special values. It will pay you to procure your next winter's supply now and not only gain the benefit of the summer's growth but also cheap transportation rates, as these plants can be safely shipped by fast freight during the summer months.

ARAUCARIA EXCELSA.

4-inch pots,	5 to 7 inches high,	2	tiers		$0.35 each
5 " "	8 to 10 "	"	3	"	.50 "
6 " "	10 to 15 "	"	3 to 4	"	.75 "
6 " "	16 "	"	4	"	1.00 "
6 " "	20 "	"	4 to 5	"	1.25 "
7 " "	24 "	"	4 to 5	"	1.50 "

ARAUCARIA EXCELSA GLAUCA.

5-inch pots,	8 to 10 inches high,	2	tiers		$0.75 each
6 " "	12 "	"	2 to 3	"	1.00 "
6 " "	15 "	"	3	"	1.25 "
7 " "	18 "	"	4	"	1.50 "

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3	tiers		$1.25 each
6 " "	12 "	"	3	"	1.50 "

HENRY A. DREER, 714 Chestnut Street, **Philadelphia, Pa.**

Chrysanthemums!

Nice young stock from 2-in. pots, $2.50 per 100.

Mrs. H. J. Jones, **Midge,**
Alice Byron, **Ivory,**
Glory of Pacific, **Col. D. Appleton,**
Mrs. H. Robinson, **Yellow Fitzwygram,**
Maud Dean, **Xeno,**
Yellow Jones, **Modesto,**
Pres. Smith, **Lavender Queen,**
V. Morel, **Nagoya,**
Marion Henderson, **Yanariva,**
Geo. S. Kalb, **Mrs. E. D. Smith,**
Mrs. S. T. Murdock.

NATHAN SMITH & SON
ADRIAN, MICH.

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable, handy.** To try them once is to use them always.

DON'T USE OLD STORE BOXES.

If you have any doubt, send for samples, which speak for themselves.

Size No. 1....	3x4½x16...	$1.75 per 100;	$15.00 per 1000	
" No. 2....	3x6x18.....	2.00 "	18.00 "	
" No. 3....	4x8x18.....	2.40 "	22.00 "	
" No. 4....	3x6x20.....	2.75 "	25.00 "	
" No. 5....	4x8x22.....	3.00 "	28.00 "	
" No. 6....	4x8x28.....	3.75 "	35.00 "	

The Livingston Seed Co., Columbus, O.
Box 104.

Mention The Review when you write.

CHAS. WINSEL, Successor to Brose-Fleur Seed and Plant Co
SEEDSMAN,
247 S. Main St, LOS ANGELES, CAL.

SEEDS, NEW CROP! Phoenix Canariensis, Seaforthia elegans, Corypha australis, Erythea edulis, Dracaena indivisa, Eucalyptus and Acacia seeds. Roemer's superb prize pansies.

Write for Price List.

Mention The Review when you write

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

DAN'L B. LONG, Publisher, **Buffalo.**

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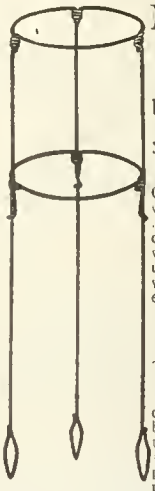

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING, L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen Mfg. Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. THORNE.

LA FAYETTE, IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support.

Yours truly,
F. DORNER & SONS CO

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO.
208 Jersey Street,
HARRISON, - NEW JERSEY.

Mention The Review when you write.

FANCY or DAGGER FERNS 75c per 1000; Galax Leaves, Bronze or Green, $1.00 per 1000 Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Discount on ferns and laurel in large quantities.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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JOSEPH HEACOCK,

WYNCOTE, PA.,
Grower of
ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and LATANIA BORBONICA

Price List for the asking.

Mention The Review when you write.

THEODOSIA B. SHEPHERD CO.

(Successor to MRS. THEODOSIA B. SHEPHERD.)

Offer Climbing Nasturtium

JUPITER
King of Nasturtiums

Mrs. Shepherd's **Great Novelty. A Glorious Flower,** distinct from all others; color, rich glowing yellow. Perfect, round form, immense size. **Three and one-half inches in diameter Petals exquisitely crinkled.** Like lovely crepe. Plant is a robust climber, with splendid large foliage. Splendid bloomer. Long-stemmed flowers, fine for cutting.

JUPITER will be offered in all the leading catalogues in this country and Europe as the greatest novelty for 1903. Send in your orders early for autumn delivery. Strong plants; **$2.00** per doz., prepaid; seeds, **$3.00** per lb. 5 lbs., **$2.75** per lb.; 10 lbs. and over, **$2.50** per lb. Life-size photo with every order of 5 lbs. of seed.

Theodosia B. Shepherd Co.
Ventura-by-the-Sea, Cal.

Mention The Review when you write.

PANSIES. The Jennings Strain.

New Crop Seed Now Ready.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:

"The largest and finest colored flowers we have ever seen."

I grow only pansy seed and plants, and only the finest. Plants ready Sept. 1 at $1.00 per 1000. Finest Mixed, pkt., $1.00; ½-oz., $3.00; 1-oz., $5.00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

E. B. JENNINGS, Lock Box 254, **Southport, Conn.**
GROWER OF THE FINEST PANSIES.

Mention The Review when you write

CHAS. D. BALL,

GROWER .....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

OMAHA.

The very rainy and changeable weather seems to have come to an end and the hot sun is smiling over the Nebraska flower fields. The florists are walking around contented, well satisfied with their spring trade and with most of their stock planted, ready for the fall rush. Stock has been somewhat scarce and the demand has kept up fairly well.

Fred Berlinghof, who has for seven years been foreman for Henderson, has left him and is at present with Hess & Swoboda.

The new store of Hess & Swoboda with its show window is indeed a beauty.

L. Henderson has plans out for an addition to his store, 20x60 feet, which will give him the room so much needed. He has bought the plants and stock of Mr. Lecluse, who has quit the business.

J. H. Hadkinson has just finished a fine piece of landcape work at the Country Club and other places in its vicinity. Paul Floth has beautified Courtland Beach; and Faulkner has planted many fine flower beds throughout the city.

The Florists' Society is going to have a great picnic, Wednesday afternoon, July 23, at Courtland Beach. There will be bowling, bathing, boating and fishing, with many other amusements.

The Nebraska State Horticultural Society will hold its annual summer meeting at Tecumseh, July 30 and 31.

The meeting of the Florists' Society was well attended last Thursday evening. After the meeting a few of the members felt like bowling, with the following results:

	1st	2nd	3rd
J. H. Hadkinson	140	150	138
L. Henderson	130	137	145
P. Floth	135	125	150
W. R. Faulkner	147	115	125
Wm. Faulkner	105	122	140
Wm. Ellsworth	110	118	135
G. Zimmer	125	140	130

L. H.

HOLYOKE, MASS.

A. N. Pierson, the popular grower of Cromwell, was a visitor to Springfield and Holyoke July 9.

Trade in general is dull here, as is expected during the summer months.

Forestdale Cemetery has just completed a new carnation house for the sexton, Fred Bartlett. The house is 18x60.

E. A. Brainard, of Easthampton, is about to retire from the business and has offered his greenhouse for sale.

D. J. Gallivan has been on the sick list for the past ten days. Ino.

Girardville, Pa.—W. Guy Payne has built up a new place at Pottsville, Pa., of which he has taken charge himself, and his brother (Wallace G. Payne) will in future manage the old establishment here.

Detroit, Mich.—The Mayabe Nursery Co. has been incorporated with a capital stock of $5,000.

Saratoga, N. Y.—Arrangements are being perfected to hold another floral fete here this year. The program will be very similar to that of last year.

Benton Harbor, Mich.—R. A. Smythe has commenced the construction of a greenhouse 30x200 at Oak Crest farm, north of the city. He will make a specialty of carnations.

Roses for Winter Blooming.
Fine healthy stock from selected cuttings.
BRIDES, MAIDS, KAISERIN,
BON SILENE, MME. HOSTE, SAFRANO,
PAPA GONTIER, GOLDEN GATES,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.
Sunrise, Liberty, 3-inch pots, $9.00 per 100.
Grafted Roses -- Kaiserin, Golden Gates,
3½-inch pots, $15.00 per 100.
J. L. DILLON, BLOOMSBURG, PA.
Mention The Review when you write.

ROSES.

	2 by 2½-in.	2½ by 3 in.	3-in.
Meteors	650	300	
Brides	2450	1700	
Maids	1000	1000	550
K. A. Vic	150		
Perles		800	
Beauties	1300	1700	
Liberty	1400		
Golden Gate	575	750	
La France	400		
Belle Seibrecht	175	550	
Wootton's	125		
Soupert		50	

List of Roses now ready to close out. Look it over and let us know your wants.
GEO. A. KUHL, PEKIN, ILL.
Mention The Review when you write.

Maman Cochet Roses!

	Per 100
Strong plants, 4-in. pots	$12.00
" " 2 years old	15 00

CHARLES E. MEEHAN,
Slocum & Musgrove Sts., GERMANTOWN, PA.
Mention The Review when you write.

SURPLUS STOCK of FORCING ROSES
ANo. 1 Stock in 2½-inch Pots.

Kaiserin	$3.00 per 100
Meteor	3.00 "
Aug. Guinesseau	3.00 "

This stock is carefully grown and was intended for our own use
J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
Mention The Review when you write.

Violets from 2¼-inch pots, $2.75 per 100; $25.00 per 1000. Swanley White, M. Louise, Imperial and Lady Campbell.
400 **Stevia**, 2½-inch, bushy ..... $2.50 per 100
500 **Am Beauties**, 3-inch ..... 7.00 "
400 " " 2nds, 3-inch ..... 5.00 "
CRABB & HUNTER, Grand Rapids, Mich.
Mention The Review when you write.

Galvanized Wire Rose Stakes and Tying Wires.
Also Model Extension Carnation Supports.
PROMPT SHIPMENT GUARANTEED.
IGOE BROS.
226 N. 9th Street, - BROOKLYN, N. Y.
Mention The Review when you write.

Extra Value in Roses
Elegant well-grown stock, in the most perfect condition to plant.

	Per 100	1000
Am. Beauties, 3-inch	$8.00	$75 00
Perles, 3-inch	5.00	50.00
Meteors, 3-inch, very fine	4.00	35.00
Golden Gate, 3-inch, extra fine	5.00	50.00
Brides, 3-inch	5.00	45.00
" 2¼-inch	3.00	25.00
Maids, 3-inch	5.00	45.00
" 2½-inch	3.00	25.00

These Plants will satisfy the most critical trade.
W. H. GULLETT & SONS, LINCOLN, ILL.
Mention The Review when you write.

BRUNNERS
We have a very fine stock of
ULRICH BRUNNER ROSE
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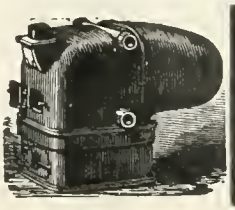

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AUGUST 19-22, 1902

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Members will meet at Cincinnati and all go through together from there.

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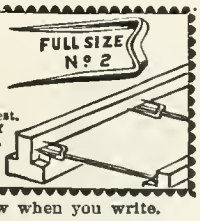

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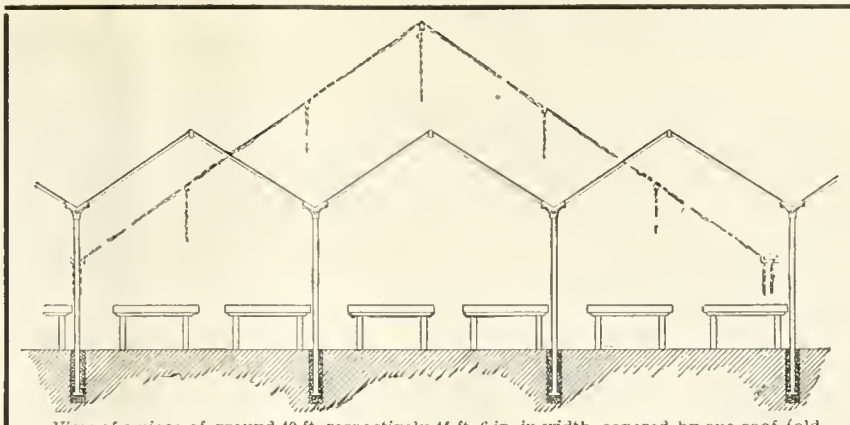

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G. L. GRANT, Editor and Manager.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

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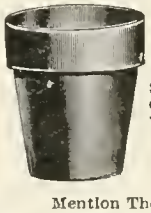

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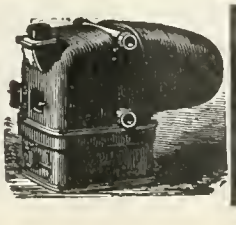

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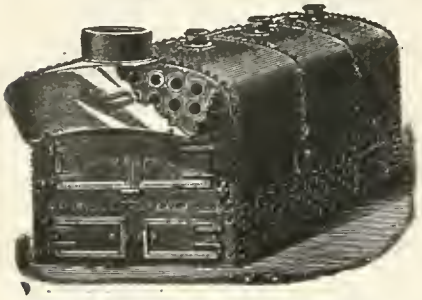

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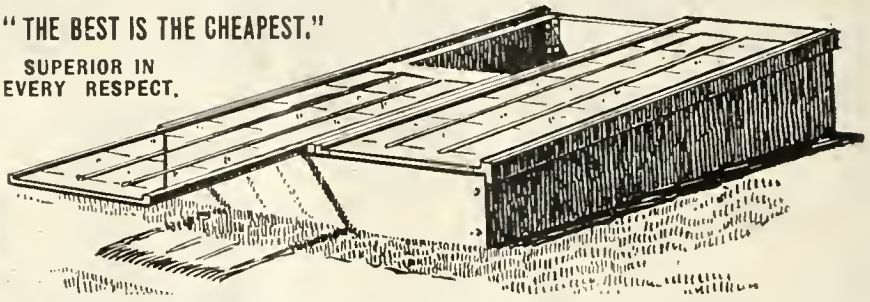

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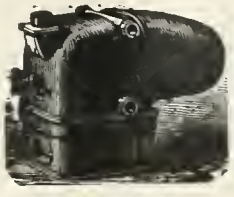

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THE WEEKLY
FLORISTS' REVIEW

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Vol. X. CHICAGO AND NEW YORK, JULY 24, 1902. No. 243.

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Lavender and White.

Violet Red.

Giant Comet Asters.
Dwarf Comet Aster.

THE ASTER is one of the most important summer flowers, and the blooms are now beginning to reach the market in quantity. It may therefore be interesting at this time to study the ways of using these flowers. With many its principal value lies in the fact that it can be made to take the place of carnations in design work. That it has greater possibilities is, we think, demonstrated by the accompanying illustrations. The photographs from which the engravings were made were taken to show the most desirable types of receptacles to use in arranging these flowers, but they also show how the flowers may be placed to be most effective. We believe these examples can be very profitably studied by all. Writing of asters in the House Beautiful, Mr. Clarence Moores Weed says:

"The usefulness of the Comet asters for decorative purposes has been greatly increased since the introduction of the giant Comets with their long stems and large blossoms. If your garden supplies these in a variety of colors you need not envy the owners of conservatories their chrysanthemums. For these Comets are every bit as lovely and may be used to excellent advantage in the home. If you have a few simple flower jars of good form and without the objectionable decorations that are too often supposed to add to their attractiveness, you can find great pleasure in arranging the blossoms in them. The use of white and one other color always gives a pleasing effect, although you can hardly fail to get good results in any combination of the different sorts. But it is unfortunate to mix these Comet asters with other kinds of asters or other flowers. Their beauty is so distinctive that it shows to best advantage all alone.

"Even if you have not the giant varieties, the smaller sorts may be used in less pretentious but equally beautiful arrangements in your jars and vases.

"The Comet asters are particularly well adapted for use in the bamboo wall-sticks which are to be had at the Japanese shops, and which are so strikingly effective when filled with the right sorts of flowers. The long-stemmed blossoms of the giant Comets may be displayed in these holders against a plain background to great advantage, the soft and shining petals illumining the wall in a most beautiful manner. Any suggestion of stiffness or bilateral duplication in the arrangement should be avoided, the blossoms being arranged in such a manner as to give an appearance of that harmonious symmetry so much to be desired in floral compositions. These bamboo holders are inexpensive and may be used to advantage for many sorts of flowers besides the Comet asters. When purchasing them be sure there is no crack anywhere.

"One of the most satisfactory ways to use these asters for indoor decoration is to transplant them just as they come into bloom into artistic jardinieres. The smaller and medium sized plants may thus be changed without ill effect if the soil about them is thoroughly soaked with water a few hours before they are taken up. I have not tried the giant plants with this method, but presume that they could also be transplanted if sufficient care were taken. For this purpose jars without a drainage hole may be used, as it is desirable to keep the roots wet to avoid wilting. The compact masses of beautiful blossoms will remain in good condition for about two weeks, if not exposed to direct sunshine, and make a very effective bit of decoration."

THE RETAIL FLORIST.

Oleanders.

We wonder why oleanders are not more generally grown. They bloom during the summer months, and most of the varieties are grand. The cultivation of oleanders hereabouts is left entirely to a few appreciative amateurs, mostly Teutons, and they produce remarkable results despite lack of knowledge. For seaside, veranda, lawn or general decorative purposes there is nothing finer than oleanders. They are superb in the eyes of the artist because they combine all that is necessary to produce the very finest pictures.

Cycas Revoluta.

Many of the prominent importers have been offering cycas stumps, but we don't see as many of them grown as in other years. It's a mighty good thing to have a Cycas revoluta in your greenhouse or store, especially during summer. You have in them the material to do up a design in five minutes, a very pretty and most profitable design, too, and there are numerous ways to get them up. There is a lot of meaning attached to the placing of a palm leaf on the casket of the dead. You can have it one beautiful leaf or two or three. Where three are used have one shorter than the other two. Sometimes in the case of two leaves they look better if one is a few inches shorter than the other, and then again you can make a pretty cluster bunch of small leaves having one or two reversed at the end.

Then there are the wreaths. You can moss an ordinary crescent wire frame, green it well and then arrange your small cycas leaves, or you can get a heavy single wire or reed into wreath form, green it and wire on either your large or small leaves. Ribbon is essential to cycas leaves, and narrow ribbon makes your work and the material look cheap. Always try to use good broad ribbon, because it makes your design look rich. There are two leading colors in ribbon to use on such designs—royal purple and white. Purple for the old, white for young or old. Then there are the many combinations you can get up—cluster, half-crescent or crescent of red roses, white ribbon; white roses or lilies, white ribbon (we don't consider it right to put purple ribbon on white flowers; it jars the nerves and spoils the effect); small cluster of wheat with tips of ivy, purple or white ribbon; and so on all through the list of suitable flowers too numerous to mention here.

Palms.

There are a great many imperfect or scraggy palms occupying valuable room in stores and greenhouses which could be put to more profit by cutting them up

for funeral work. A wreath of small Areca lutescens leaves or a combination of that and cycas looks well. And then there are the great many designs where the use of a leaf or two adds so much expression and value. The foliage of Cocos Weddeliana is extra fine for this work and small phœnix or kentias can be used to advantage. Small palms of many varieties are plentiful and dirt cheap. We use them (knocked out of pots) in bases of large standing designs; they are cheaper and richer than most flowers. Ferns can be used in like manner.

You should never hesitate to use up stock such as we have mentioned if by doing so you can make a reasonable profit and rid your premises of eye-sores or cripples, and it must be remembered that foliage, and plenty of it, constitutes a principal part of funeral designs. And while we are on plants, don't fill your houses with unprofitable stock merely because you happen to have it or can get it cheap. We will chat with you on things to grow next week.

Begonias.

Begonias are in full glow now. The tuberous rooted class are magnificent for table decoration or for select vase or cut flower work. You can use them cut with any fine fern, particularly the adiantums, as embellishment, or you can use the plants in low bowls or flat baskets. There are such a vast amount of colors in these grand flowers that you can bring out any desired effect, either in mixtures or separate shades. Then there are all the other classes of flowering begonias most suitable for cutting, such as B. nitida, B. acuminata, B. Duchartre, all white; and B. Thurstoni, B. maculata, B. Mastodonte and B. rubra, ranging from pink to red; B. Gloire de Lorraine and its types are especially grand, but even the small B. Vernon and B. Erfordæa kinds are good in fern dishes or alone. Variety is the spice of many things connected with life, and even if you have an abundance of more prominent flowers the modest and simple are delightfully pleasing for a change.

Don't despise a plant or flower because it doesn't last like leather or steel. It would be a bad day were floriculture to narrow down to the few things we see on the Greek's stand, and how can we expect to have plant lovers buy certain things if we ourselves ignore their beauty or adaptability for fine work? Take, for instance, Gloxinias. True, they will not tolerate rough handling, but can you beat them in colors? Use them in low bowls or glasses on the table or sideboards or the purple shades in funeral work. And then there are fuchsias. What makes a prettier hanging basket than the drooping varieties, or even in window boxes, or any of them cut and arranged in water with a few geraniums or begonias. We might go through the whole list of flowers which could be made prominent features of florists' places and serve on many an occasion when and where it is impossible to procure roses or carnations.

Hardy Flowers.

Many of our prettiest summer flowers are to be seen only in the herbaceous borders and botanical gardens. Yellow predominates in the hardy flowers from now on, and how beautiful are the heleniums and rudbeckias. Common stuff, some may call them. But let us have two rooms to decorate. You take one and fill it with roses. I'll take the other and use this common stuff. The difference in price and appropriateness will be remarkable.

Rudbeckia Newmanii is good, R. purpurea is odd and pretty; Helenium Boulangerii, Heliopsis scabra major and H. Pitcheriana are all aglow, cheap, and fine for extensive work. Those who cater to seaside resorts and even city hotels, theaters or restaurants need not deter people from enjoying flowers by suggesting high-priced stock. There are other colors and flowers. Platycodon jap. fl. pl. or any of the type is excellent to mix with flat funeral bunches, or for that matter in vases or base work. But purple flowers should not be introduced in house decoration unless for a funeral. The color is too melancholy. Spiræa venusta is pretty, and as for annuals they are just showing their full beauty.

Asters will be the leader from now on, and even if they be small or one-sided, you can use them for ground work. Solid wreaths of asters are all right providing you put a loose cluster of crimson, white or pink on the white ones, and white on the purple. Asters, Golden Glow rudbeckias, African marigolds, hydrangeas and gladioli are all important flowers where there is carnival work to be done, at such places as Saratoga, Bar Harbor, Newport, etc., and this material can be had in such quantities and for so little that it is almost incredible that paper flowers can be substituted on the pretense of being cheaper. Florists in those sections should take steps to preserve the intent and carry out the ideas and purposes of carnivals, which never can be associated with paper or artificial nonsense.

IVERA.

VIOLETS.

F. C. M. writes: "I notice you say in your violet notes in the REVIEW that the plants should be kept free from black and green aphis. Will you kindly tell me how to do this? My crop of violets has been ruined for the last three years by the small black aphis. I have tried tobacco in many forms, but can't get rid of the aphis without injuring the plants so that they will not bloom. I have heretofore seen them only in the fall after the plants commenced to bloom, but doubtless they are there more or less during the summer. I would be very glad to know of some summer treatment that would kill them before putting on the sash in the fall. I raise violets in cold-frames and at this season the plants are in the open ground."

As stated by F. C. M., tobacco applied at all heavily is ruinous to violets. One of the precautions that it is always well to take, but of course too late now for this season, is to make a large box and give all the stock you have in flats or pots a thorough fumigating with hydrocyanic acid gas. Then we like to give our violet houses a *heavy* fumigating with sulphur several weeks before we plant, and *again* a day or so before we plant. We do this as we do not like to use hydrocyanic acid gas any oftener than is absolutely necessary on account of its being so dangerous.

If F. C. M. has planted his stock in the cold-frames and not in the field, with some extra labor he can still fumigate with the gas. Of course, if he is growing large quantities this will be quite a task, but I know of no other method of getting rid of the aphis, and I doubt if only one application will prove effectual, as it is next to, or quite, impossible to get entirely free from them when once they have gotten a foothold. They should be watched closely, probably having to be fumigated about every month until it is too cold to do so any more.

F. C. M. has my sympathy, as has every grower "in the same boat." If after the effort he makes this year he does not get rid of the aphis to his entire satisfaction, and if he is not dependent on the violets to any great extent, my advice would be to quit growing them for two or three years and then start again with new stock that he is sure is free from aphis, in new frames or houses, on new ground if possible.

The formula for hydrocyanic acid gas has been often given, but may not be at hand, and I will quote from page 104 of "The Florists' Manual," which every grower should have if he does not already own a copy:

Hydrocyanic Acid Gas.

Water, 1 quart.
Sulphuric acid, 1 quart.
Cyanide of potash, 5 oz.

The above quantities are right for 1,000 cubic feet of air space in your houses, and measurements and quantities must be accurate. As many thousand cubic feet of air as your house contains, so many vessels you must have. Butter jars are the best for the purpose and they should be placed on the floor of the house, not among or near the plants. The house must be shut down closely and must be opened again in half an hour.

As this gas is very deadly you must contrive to let the cyanide down through a small hole in the glass, or through a crack in the ventilator. As the 5 oz. parcel is a small affair a very thin piece of string attached will do. We suspend the cyanide to the end of the string, as many as required, and divided equally in the house. Beneath place the jars, each containing 1 quart of the acid; then add 1 quart of water, and when each jar is ready the cyanide of potash is lowered into the jars. An explosion, as it may be called, immediately follows, the gas is generated instantly, and that is why you would not dare to be in the house, for you would stop breathing in an instant. This gas is death to every insect that breathes, and does not hurt the most tender foliage.

Mr. Saltford, of Poughkeepsie, who gave me the formula, showed me a Maidenhair fern that was in perfect health that had frequently been exposed to the gas. I used the gas several times last winter on violets with the best results.

As compared with tobacco smoke it is quite expensive and some trouble to apply, but if it saves a crop of violets from the ravages of that minute fly that punctures the leaf, laying an egg which destroys the tissue of the leaf and produces what we call curl leaf, it is certainly worth ten times the cost and labor. It is applied principally to destroy the almost invisible insects so injurious to violets, but while doing that it utterly destroys green fly, red spider, centipedes and all else that breathes. It leaves no objectionable odor.

Have the jar in which you generate the gas four times as large as the mixture of water and acid, and when purchasing the cyanide of potash have each 5 oz. package well wrapped in double paper.

Of course, in speaking of the sulphur fumigating, I suppose every one will remember that it will kill any plant left in the violet houses, or scorch any in any house joined to the same.

R. E. SHUPHELT.

CHRYSANTHEMUMS.

Supports.

The plants are now making rapid growth, and the question of supports comes up, for this work should be attended to before the shoots fall all over the bench, and get crooked and tangled. For the general run of stock the string system of support is usually employed and works well enough. It is particularly good at the time the flowers are

being cut, as the string is cut away with the shoot and permits one to cut his flowers easily and expeditiously, without having any wires in the way. This string method simply consists of running a wire above each row of plants, keeping said wire well up into the roof, unless the house happens to be an extremely high one, then running another wire for each row along the bench, just above the soil. Run a string from the top to the bottom wire, one string to each plant, or if you are running several shoots to a plant, use more strings rather than crowd all your shoots together. Any cheap, coarse string is all right, as it is useless after one season. If the strings are put up neatly, and tightened after a few days, and the shoots kept tied up, it is a neat looking job.

If plants are dwarf and on low side benches, short wire stakes or bamboos cut to the required length will do. For exhibition flowers we think it better to use either wire or bamboo stakes, one stake for each plant. These stakes can be kept tight by running one wire down the bench for each row, say three feet above the bench, and tying each stake up to the wire. The reason we prefer stakes

White and Violet-Red Comet Asters.

White. Comet Aster Plant. In Bamboo Holder.

in this case is because the stems should be kept perfectly straight, and when a plant throws an early bud, which is of course removed, the succeeding growth does not sometimes come away as straight as one could wish. The growth can be pulled in close to the stake, while string can hardly ever be made rigid enough to serve this purpose. If four or five-foot wire stakes are used and the growth gets up above them, the stakes can be pieced out by dropping a piece of bamboo cane over the top of the wire stake.

Syringing.

In spraying your plants always remember that it is on the under side of the leaves were thrips, red spider and kindred insects make their home. Once a week at least the plants should have a good spraying, using a nozzle that throws the spray upwards. Keep the sprayer well down, working it upwards and it will dislodge caterpillars and everything else if you have force enough. We are bothered considerably by a tiny white thrips, so small as to be almost invisible to the naked eye, which works entirely on the under side of the foliage and whose presence is entirely unsuspected unless you happen to turn over the bottom leaves. Where frequent syringing fails to remove this pest, use rose leaf extract of tobacco, diluted as recommended.

Buds.

Many varieties are now throwing a bud. This should be rubbed out and when the new shoots have grown long enough to determine which is the best, all the others should be removed. It is not wise to disbud closely too early, because some of the shoots occasionally come blind after the plant has thrown a bud, and this must be allowed for.

I often think that the men responsible for sending out new varieties should, instead of saying, "take first crown bud" or "second crown," give a date, after which approximate time it would be safe to take buds, as for instance, take first bud after last of August, or whatever the case may be. If a plant produces a bud in July it may be regarded as a first crown by some who are not well posted, and every florist is not an expert in 'mum growing. July buds are useless and should never be taken, unless we except perhaps Fitzwygram or one or two of the extra early varieties, which are sometimes taken during the last few days of the month by those growers who have a mania for getting first into the market.

Brian Boru.

CARNATION NOTES.

By this time, if your carnation plants have been growing as they should have done, they should be nice, shapely plants and no severe pinching should be indulged in any longer. From now on you should merely keep them from running into bud and from wasting a lot of strength in producing a few worthless blooms. This latter part is just as important as the former and don't get the idea into your head that the only reason for pinching carnations is to cause them to branch. As I said once before in these notes you can do a great deal now in the next few weeks to make your carnations bloom continuously next winter by topping them right. Take off only those shoots that are really shooting up to form a bud, and leave all those that will be in that stage in one week, when you should go over them again and so on until you house them. You will find then that your plants will have shoots in all stages of development and a continuous crop of blooms will result.

This has been a dreadful season for weeds in this neck of the woods, brought on by the abundant rains we have had at regular intervals, and it has kept us busy keeping them down. Especially at this time you must keep your plants from being choked.

If you have already planted a house or a bench you must watch them closely and let up on the syringing, at least partly, and if it is cloudy or cool you can leave off altogether as soon as they begin to make new growth. Less shade will also be needed, and unless the rain

has taken off part of it you should do it with a brnsh or a long stick. As soon as the weeds come up enough to allow you to get a good hold on them you should weed them at once. These weeds are usually gross feeders and will impoverish your soil in a very short time, and while you are pulling the weeds you should loosen up the soil about an inch deep to allow the air to penetrate. If there are any signs of stemrot take a sharpened hock made of ¾-inch iron (flat) and pull it through the soil between the rows, leaving a trench behind it a couple of inches deep and when watering water only in these and you will find them a great help.

A. F. J. Baur.

MISCELLANEOUS SEASONABLE HINTS.

Roses and Carnations.

This is really the season when there is much doing, not only in business but in our gardening operations. Roses are or should be planted. Only a few begin so early with their carnations and we are not all carnation specialists. This most beautiful and important plant is out of my domain, bnt I will jnst revert to a little controversy I had the honor to mix up in with Mr. Charles Allen of Long Island. I had said that early September was the time to plant carnations. He very properly said I was mistaken and that early August was a better time. I had not then had any experience with so early planting, yet we have had an abundance since and our comment is that with few exceptions they should be all on the bench by the 10th of August, and many expert growers are planting in July. Particularly does this apply to the newer large flowered varieties.

No harm here in just referring to a bed of Lawson that was planted about the 7th of last August and began flowering in October. Except a few weeks in April it has been glorious and continuous, and this day (July 21), it is a sight, giving us thousands of grand flowers. I am on forbidden ground and will collapse merely saying—plant early. It is cruel to throw away such a bed as I refer to but it's profit in the end.

Lilies.

The Bermnda lilies are arriving and the 5 to 7-inch that yon want in flower in October and November should be potted without delay; in fact whether you want to force them or not they should be got into the ground. It is an injury to them to lie around, particularly if exposed to the air. We tried once planting this size bulb in flats about 16 inches square and 4 inches deep; size of flat of conrse would make no difference, but the depth was about right. The plan was not a sneeess and we have not done it since. Planting them in boxes or even on a bench in four or five inches of soil may do very well for a late shipment of the Japan bulbs that you want in for Decoration Day, bnt for these early grown bulbs pots are much better. A 5-inch pot is large enough.

Lihes do not like fresh mannre. A good fresh loam with a fifth or sixth of well rotted mannre is all they want, and if the soil is poor you can add a 5-inch pot of bone meal to a barrow load of the loam. A greenhouse bench is liable to be a very warm place just now and we prefer to place the pots in a frame, but always where water will not stand and, after a good watering, cover with an inch of straw. It keeps the soil from baking, saves watering and keeps the soil and bulbs cooler. If you have an open shed that will keep the rain off that would be an ideal place for them. They really want little or no water till roots start and with these early dug bulbs that is often some weeks hence, so there should be means at hand to keep off excessive rains. (The very mention of rain makes yon shudder.)

Roman Hyacinths.

Roman hyacinths will soon arrive. The easiest of all the bulbs to force and of late the most unprofitable. It's well to have a few on hand but very few will answer. Lily of the valley costs us much less, occupies less room in the greenhouse, is more sweet and chaste, and much preferred by all our customers, then why not grow them instead of the expensive little hyacinth? When the French grower comes off his perch and this government (with Mr. Esler's permission) is willing to try and exist without a tariff on what we don't produce here, we may buy Romans at $5 per 1000, and then we shall grow a few thousand.

Their forcing is most simple. A flat of any convenient size holding three inches of soil, the soil from a thrown-out carnation bench would be just right. Place the bulbs almost touching in the flat and even with the surface. Give a good watering and then place the flats out of doors and cover with three or four inches of soil or sand or tan bark. In the early treatment of these Roman hyacinths and paper white and even the early tulips yon often make a mistake in not watering the soil that covers them. If two weeks of hot weather occurs, which I pray may be the case soon, the soil in the flats becomes very dry and there is not root growth, and without roots all these bulbs will not force.

Hardy Perennials.

As we are ornamental horticulturists, many of us, and not confined alone to the culture of indoor plants, I would remind you that now is an excellent time to sow the seeds of most of the desirable hardy herbaceous plants. As cut flowers to sell over the counter there is little profit in them unless their flowers are only a side issue and yon are growing them to supply your trade with the plants. There is a good and growing demand for the roots and plants and many hundreds of dollars are sent out of all our cities because no local man can supply them. Sow in flats or drills in a cold frame and when large enough to handle transplant again a few inches apart in good soil in a frame that can be protected with glass or shutters during winter. They will be good plants to either sell or plant in the field in early spring.

All genera and species that come true from seed can be sown now. Snch well known kinds as ecreopsis, anemone, aquilegia, delphinium, digitalis, Lobelia cardinalis, and many others that are most desirable and which, if you are in the business, you should grow.

Azaleas.

We now look upon the unsold plants of spring as quite as valuable as the newly imported. If plunged in pots in a cold-frame they will have grown very much since you put them out there in early June and they should be stood over and given more room or you won't be able to spray thoroughly all around them and the red spider and thrips will get a lodging. When standing them over put an inch of half-decayed cow manure on the surface of the soil to which has been added a liberal portion of bone flour. I say flour because I want it understood that you want the minutest particles. It will help the growth very much.

William Scott.

ROSES.

Seasonable Hints.

The weather in many localities still continues dark, with an excess of moisture in the atmosphere. During such weather the surface of the soil in the benches will require freqnent stirring to prevent the growth of green scum on the surface, and to encourage evaporation. To help to destroy this scum the soil should be allowed to become moderately dry and a sprinkling of air slaked lime given previous to stirring; 25 pounds to a bench 100x4½ feet is about sufficient. This also tends to give firmer wood and foliage. The bench should then receive a thorough soaking.

Keep a vigilant watch for mildew, black spot and insect enemies and never allow them a foothold.

The roofs and gutters of the houses should be looked over dnring dry weather. See that all the glass is in good condition for winter, locate all the drip spots and have them closed. A liberal use of the putty bulb, or mastica, just now will be amply compensated for before winter is over. Ribes.

DETROIT.

Having jnst returned from a trip east, it may interest some of your readers to hear of the various eastern places which the writer visited while there. On Saturday, July 5, at 4 p. m., I left Detroit for Buffalo on the new D. & B. steamer, "Western States," by which route one can save $3 fare and enjoy a good night's sleep and arrive in Buffalo in time for all trains going east. Continuing the trip over the D., L. & W., I saw not only hundreds but thousands of acres of valley land completely covered with water, in many places only the tops of fence posts being visible, also the heads of the growing wheat just above the water.

Arriving at Summit, N. J., I spent two

Quilled Asters in Japanese Jar.

days in visiting the several plants for which this place is noted, the first being that of John N. May, which is a model of neatness. A place for everything and everything must be in its place, the employes being fined 10 cents for putting away a tool without first cleaning it, and a heavier fine for not putting it away at all. All hands were busy in filling and planting the roses for next season's cut. Mr. May is a firm believer in the sterilization of soil, for every particle of his soil is so treated. Mr. Harry May, foreman in charge, seems to have acquired a great measure of western push, for the rapidity with which a large house is emptied and filled is wonderful, Harry setting the pace himself with the shovel. That everything here is done in the most exact way is proved by the fact that in the grading of roses every stem is measured by a rule and must be of the required length or over or it is placed with the grade below, and there is no guesswork. Among the young men who expect to be florists some day and are doing time here are representatives from New York, Illinois, Pennsylvania, Massachusetts and Michigan.

On Tuesday we went over to Madison to see what Mr. Herrington was doing in the way of growing prize-winning chrysanthemums, and met Mr. Totty, who is in charge of them, and it did one good to see the magnificent stock. Such stems! Each one fully four feet high and as thick as one's thumb, clothed with foliage clear to the soil. After testing the quality of the grapes and nectarines and looking through several houses of orchids, which are in perfect condition, Mr. Herrington drove us through the park, which is composed of about 1,000 acres, most beautifully laid out and with good drives and pleasant walks. Here may be seen banks fifteen to thirty feet in height and from 100 to 1,000 feet in length, completely covered with Wichuraiana roses in full bloom, surmounted with Crimson Ramblers. In the large conservatory are some noble specimens of kentias, one of the smaller ones occupying the center of the group in the convention hall at New York two years since. In the center of the house stands a caryota or Fish Tail palm which measures 46 feet from top of tub to top of leaves, and will soon have to be moved, as it has already grown through the glass. This large estate is owned by H. McK. Twombley, who has spent millions in the beautifying and improving of it, the bulk of the land having been Jersey swamp. We would have been pleased to spend days where we spent hours on this beautiful place, but had to leave fully convinced that the hospitality of Messrs. Herrington and Totty was only equaled by the size and beauty of their surroundings.

On Wednesday we visited Flatbush and the Dailledouze Brothers, where we were received with a warmth equaled by the temperature of the day, which scored 92 points in the shade. This is the home of Prosperity and Floriana, and too much cannot be said in praise of the latter variety as a summer bloomer, for of all varieties grown on this place this seemed to take the lead both in quality and quantity of flowers. A house of Lawsons carried through under glass planted out of 3-inch pots looked exceedingly well.

After partaking of something for the inner man, that genial brother Henry volunteered to guide us to Queens, and on the route we were pleased to meet Mr. Jas. Dean, one of the honored ex-presidents of the S. A. F. A very agreeable surprise awaited us at the house of the president of the American Carnation Society, for we found Mr. Ward in his working togs, and I must say that he is really a very good-looking man in them, and he is getting results from his work, for since my visit to Queens two years ago he has transformed a large portion of the land into as fine a nursery as one can see in many a long day's travel, in which are growing all varieties of shrubs and ornamental trees, and you will hear as much about them in the future as you have in the past about geraniums and new carnations. Many of the men were busy fencing in ten acres of carnation plants with wire cloth to protect them from rabbits, which are as numerous on Long Island as are mosquitos in New Jersey.

Friday was spent in Buffalo trying to locate "Great Scott," but his son informed me that he was actually working at Corfu, and I thought, "How are the mighty fallen," so, not finding him, called on Billy Kasting, whom I found getting ready for a trip to Europe to escape the odor of a store full of flowers which he could not move at present, but thought would be cleaned out by September on his arrival home. It being close on to high noon, and knowing the generosity of Prof. Cowell, I hastened out to South Park, arriving just in time for luncheon with the genial superintendent, after which I was shown through the park and conservatories, the condition of which reflect great credit upon the competency and care of Prof. Cowell, who in his trips to the West Indies has added many new species of plants to both science and commerce.

Arriving home Saturday evening and looking around on Sunday morning found that the weeds had made a most magnificent growth during my absence of only one week, and must look up my overalls.

RAG.

BOSTON.

The Market.

A growing scarcity of especially good material is making a change in the wholesale features. There is probably really not so much call for anything, but it takes practically all that comes in to supply that small demand.

The crop of roses is very irregular just now. There are practically no good Brides and Maids, and but a few good Kaisers and red roses. Poor roses of all kinds are plentiful enough but not in over-supply.

There is nothing really fine in pinks except the Fair Maid, which brings 3 cents. There is a fairly good supply of rather poor material of all colors. White is selling the best and prices run all the way from 35 cents to $1.50 per 100.

The aster crop has now probably become permanent for a few months. Richwagen now has the most and probably the best. Prices now vary but little, ranging from one to one and a half, but will naturally soon take a drop. This habit is surely bad enough in the flowers, but much worse when followed by their owners.

Just a fair supply of lilies and going a little hard at 6 cents. Quite a few auratums at same price; demand very limited on account of their heavy odor.

Sweet peas have been very good and very cheap; just now scarce, not so good and not so cheap.

Valley is plentiful enough in three grades with prices from three to five per.

Small white flowers are very plentiful and very cheap indeed; green goods also.

Base Ball.

The game is coming in good and strong. There are a number of budding,

blooming teams now. For instance, the Schlegel & Fottlers have been feeling pretty warm, but the Brecks got at them on Franklin Field and pounded some of the hot out of them upon the ratio of 20 to 19. And another game at Natick between the Brimstones and Wabans is scheduled.

Notes.

Penn has sold out his lease at the old Chapman place and now confines his energies to his fine Bromfield emporium.

Mr. and Mrs. W. W. Edgar should have been reported as sailing with the others for Europe last week.

A lightning bolt fell from a clear sky at Dedham, striking a tree and a fence post, then jumped over two of Geo. Cartwright's greenhouses, striking the third one and rendering his brother Richard unconscious for a few minutes because he had hold of that particular iron post down which it wished to reach the ground. Then it passed into a 4-inch town water main in the garden, bursting it and making pond lilies out of a big batch of carnation plants for an hour or two, until the water could be shut off. Quite an excitement with, very fortunately, no bad results, except to the tree, the post and the water main. Of these the post was the most badly busted, being thrown thirty feet and badly lacerated.

J. S. Manter.

BUFFALO.

If ever there was an excuse to fall back on the weather-beaten, worn-out but ever-present subject, the weather, it would be the present moment (strange to say, it's not raining just now). It's no use us Western New York folks grumbling, for perhaps far more serious is the damage in many other parts of the country. It has been, however, so incessant this month, as well as all the rest since the snow went, that a glimpse of the sun brings fear of sunstroke. Thunder and lightning, hail, swollen creeks and rivers, drowned out crops and cattle and people is all we see and read about. Those who live in cities with paved streets and sewers, trolley cars and electric lights and a steady salary, know little of the calamity that this strange season has and will produce. No great hailstorm has struck this neighborhood, yet we read in the Associated Press news that our friends in Erie, Pa., have lost heavily. Let us hope not so badly as the papers say. I have learned that you cannot depend on what the newspapers say, except it be the florist journals. Though farmers here and there throughout the country, and incidentally all of us, will be great sufferers, they and we must remember that the world was not made for man, but we happen to be on its surface and we must put up with its climatic conditions, or, if not satisfied, get off.

With all this inclemency Mr. Wm. Greever, manager of the W. F. Bullock & Co. store, 479 Main street, went and got married two weeks ago. The young lady who will call herself Mrs. G. was formerly Miss Emma Wagner. Good luck to Billy and let him avoid the first cross word. I understand he was not to be married till October, but fearing the flood was coming, and no ark in sight, he lost no time.

Mr. W. F. Kasting, in company with Mr. Jacob Weiss, has left for a short trip to Europe. Mr. Weiss is a Dane, but I don't think that Copenhagen will be lively enough for our Billy. He will want to see Berlin and London and a little of Paris. It's a trip that does all native-born Americans good, especially the high-strung variety and those that are not great students.

I sojourned to the city of Utica last Tuesday. It was a sad duty that called me there. Your columns have already noted the death of Wm. J. Crowe in Denver, whose remains were brought to his home and interred in the beautiful Forest Hill Cemetery of that city. The mark of respect shown to the memory of poor Billy was great indeed. To a man the florists were there and hundreds of other citizens. The bereaved widow and lonely parents receive the sympathy of all. This is no place to speak of the noble actions of a noble man in connection with such a sad event, but a man traveled from Denver and acted the part of a noble man if ever a man did in this world.

W. S.

REDUCED RATES TO ASHEVILLE.

An Important Concession.

We are pleased to be able to announce that at a meeting of the Central Passenger Association, held last Tuesday, it was agreed that a rate of one fare for the round trip should be made for the meeting of the S. A. F. at Asheville, from all points in Central Passenger Association territory. This territory extends from Pittsburg on the east to St. Louis on the west, and from the Great Lakes to the Ohio river. As the Southern Passenger Association has already granted the one-fare rate, this rate will now prevail through from all points in Central Passenger Association territory.

This action reduces the round-trip rate from Chicago to Asheville from $24.80 to $20 even. And the reduction applies in proportion to all other points and by all lines in Central Passenger Association territory. It will save delegates many dollars and will undoubtedly add largely to the number in attendance at the convention.

ST. LOUIS.

The Market.

Business the past week was very quiet indeed. As one of our West End florists puts it, "The flower buying public have gone away to summer resorts and some of them have left unpaid bills for which we will have to wait until they return."

A little funeral work was about the only business done the past week. The weather has been very hot, with plenty of rain in this section, and outdoor stuff is looking fine. The flower beds in the West End and in the parks are in very fine condition and looking their best.

Most of the growers around here are making preparations to house their carnations. All report that plants in the fields are in fine condition; all the new varieties are promising to make good and the prospects are very encouraging for a good crop of blooms this fall.

Stock is still coming in quite plentifully, especially roses. Brides and Maids are in abundance, mostly of the second quality, though Perles and red roses are scarce. The best of the Brides and Maids find ready sale, while the remainder is generally dumped. Prices run from $2 to $5 per 100. A few good Kaiserins are coming in, which sell well at $5 and $6. Beauties are very scarce.

Carnations are fairly good and only the best sell, which bring $2 per 100 and from that down to 50 cents. Sweet peas are holding out good and are in good demand at 20 cents per 100 and $1.50 per 1,000.

Single tuberose stalks are now coming in at $5 per 100; asters from 75 cents to $2 per 100. Other outdoor stuff has little call, the most call being for material usable in funeral designs.

Notes.

Mr. and Mrs. John Young will leave next week for Atlantic City, N. J., to spend the summer. Mrs. Young, who experienced a painful accident two weeks ago, is very much improved.

Kalish & Sons, on Delmar boulevard, are building two new show windows, and are also making other improvements for the fall trade.

R. F. Tesson has returned from St. Paul. The injunction to prevent the condemnation of their property by the World's Fair Co. was denied, but Robert says they will appeal to the United States Supreme Court.

Mr. Wm. Bonche, the landscape gardener, is busily engaged attending to several thousand trees and shrubs near the World's Fair grounds. These are mostly to be used during the exposition. Everything is in fine shape. Mr. Bonche is very thankful for the recent good rains, which did the stuff a world of good.

At Kuehn's, Eddy and George are brightening up things and making a few changes around the place, so as to be in good shape early this fall. Up in the wire shop all hands are busy filling large orders; no layoff for the boys this year.

At C. C. Sanders' place, on Delmar, all hands are busily at work building. When through Mr. Sanders will be in better shape than ever to fill large orders for decorations and designs. His new office, he says, will be a "dream." Walter will have charge of the place while his father is away next month.

There will be quite a delegation from here to attend the convention this year, and the party has been promised a special car. The bowlers have not yet made up their minds to go. Should they do so it will swell the party considerably. The fare from St. Louis will be $20 for the round trip. Any information about the trip will gladly be furnished by J. J. Beneke, 1220 Olive street.

Last week the delivery wagon belonging to F. M. Ellis, wholesale florist, was struck by an electric car and demolished. The horse was not hurt. The damage amounted to about $100.

Death has again claimed one of our craftsmen, Josiah W. North, head of the North Floral Co., doing business at 915 Olive street. He died at 8:30 a. m., Sunday, July 20, after a brief illness at his home in Kimmswick, Mo., at the age of sixty-two years. Mr. North was born in Bridgeport, Conn. He was not a member of our local club nor of the S. A. F. He leaves a wife and four children to mourn his loss. His large circle of friends in the trade extend their sympathy to the family. The funeral took place on Monday with quite a number of the local florists present.

Comet Aster in a Brown Jardiniere.

There is great joy at the home of Emil Schray. It's a big boy. Both are doing quite well and Grandpa Schray and Uncle Julius are happy. Congratulations are now in order from Mr. Schray's score of friends.

Bowling.

Monday night the weather was fine and cool. Ten members bowled. Two teams were made up, which were captained by Weber and Beneke, the latter team winning all three games. Both teams made good scores, which are as follows:

Beneke's Team.	1	2	3	Tot.	Ave.
Beneke	176	143	191	510	170
Kuehn	171	178	169	518	172 2-3
Sturtz	162	156	170	488	162 2-3
Adels	172	165	167	504	168
Ellis	161	187	180	528	176
	842	829	877	2548	170 8-15

Weber's Team.	1	2	3	Tot.	Ave.
Weber	167	170	133	470	156 2-3
Meyer	164	154	143	461	153 2-3
Miller	151	150	141	442	147 1-3
Sanders	177	133	200	510	170
Ellison	169	179	210	558	186
	828	786	827	2441	162 11-15

J. J. B.

CHICAGO.

The Market.

There is little change from last week. There is none too much good stock to meet demands and the demand is naturally very light. White carnations are the best stock to have, and the choicest of these sometimes bring $2, though ordinarily $1.50 is the top. On colored sorts the range is from $1 to $2 for the best and from that down almost indefinitely. On Brides and Maids $4 seems to be the top, while on the poorer grades rates are by the potfull instead of by count. For good Kaiserins as high as $6 is obtained. On Beauties $3 is the price for the best, but there are mighty few in this class and many poor and short ones are jobbed off at unquotable figures.

Sweet peas have been knocked out or drowned out by the heavy rains and there are few good ones to be had. Some of the bunches have a close resemblance to soaked rags and are quite useless.

The rains continue with only occasional intermissions and the injury to all crops in the field is bound to be serious. One grower who donned rubber boots and tried to capture a few blooms from his carnation field got so deep in the mire he had to be pulled out minus his boots. And in pulling out the boots afterward from between the rows the plants came with them. Under these conditions it is not surprising that flowers from outdoor plants are few and far between.

Asters are being received, but in limited quantities. Those coming in must have been from some plantations on hill sides or other well-drained situations.

Various Items.

At the meeting of the Central Passenger Association last Tuesday a rate of one fare for the round trip to the Asheville convention was granted, which reduces the rate from this city to Asheville and return $4.80, making the rate now only $20.

Kennicott Bros. Co.'s place is filled with workmen who are entirely remodeling it. The entrance is being changed and the whole interior is being rearranged. The cool room is being tiled throughout and other improvements are being made.

Geo. Anderson, the florist of 14 Colorado avenue, West Side, has secured a divorce from his wife, but upon her agreeing to raise and educate their two children he turned over his business to her and he will go west to begin life anew.

Henry Gescheidle, the florist of 128 Cortland street, has had his business incorporated under the title, Henry Gescheidle & Son, as a means of admitting his son, Peter Gescheidle, to partnership.

J. Austin Shaw, of New York, is in the city calling on the trade in the interest of the new Foster fern.

C. C. Arnold, of English Lake, Ind., was a visitor this week. He says the rains have been as heavy in his section as here. He had to cut a drain through a hill in order to prevent his pæony field from being turned into a lake.

PHILADELPHIA.

The Market.

The cut flower market has been strengthened since last report by a few new crop Beauties from John Burton. This grower does young stock wonderfully well, producing a very fine plant in small space. He is now cutting fair flowers with stems of moderate length; the best bring $1.50 per doz. Asters are improving and sell well at $1 to $1.50 per 100. Valley is choice and brings $3 to $4 per 100. Carnations and sweet peas are on the back track. The out door carnations will be welcomed. Are they not late? Asparagus plumosus in strings does not sell. Out door flowers of all kinds seem to be overdone just now.

Marketing Cut Flowers.

In last week's issue of the REVIEW one of the large growers, Joseph Heacock, gave his ideas on the establishment of a market for the sale of cut flowers in this city. The force of his arguments in favor of such a market will appeal to all our florists, both growers and retailers. Most of our small growers (I am one of them) have regular orders for their ordinary daily cut but we all know how much valuable time is often consumed in finding an outlet for our surplus cut, to say nothing of the deterioration in value through bruising. The retailers have their regular supply engaged each day, but when extra stock is needed time and worry would be saved by having a market to which they could go or telephone their orders.

To make a market successful three things are necessary: A central location, some good stock, and a capable manager. The location should be within easy reach of the two great railroad terminals, with plenty of room, but in an inexpensive building. The stock will be assured when half a dozen of our best growers agree to give the plan their hearty support; the other growers will follow when success is assured. The manager will have to be the equal in business ability of the bright young men who are developing our cut flower commission houses to such a wonderful extent.

The general method of conducting business is for the growers to rent stalls or tables on which the cut flower trays may be exposed, the rental being fixed at a price sufficient to cover the cost of fixed charges—the rent of hall, manager's salary, telephone, etc. The stock should be ready for inspection early and anything left over may be left with the manager if so desired for later orders. I am confident that such a market properly conducted would save the small growers a nice little sum each year that is now needlessly spent in selling their surplus stock.

Notes.

George Anderson has torn down a

house 100x22 feet and is now replacing it with a fine house 100x25 feet.

Leo Niessen has altered his store so as to give more room for his office, a very neat and attractive room.

The young son of Adolph Fahrenwald met with a painful, though it is hoped not a serious, accident last week.

Fire caused serious loss at John A. Roebling's Sons, Trenton, this week. Loss is said to be fully covered by insurance. This firm supply wire rose stakes to our growers.

John McIntyre, with Edward Reid, is off on his vacation.

Thomas Butler's genial ha-ha manner wins the private gardeners.

Edwin Lonsdale has planted another house of Ivory, making four in all.

Wm. J. Moore expects to move from his present location some time next month.

PHIL.

NEW YORK.

The Market.

Of course prices are low. Asters are sold at from 2 to 5 cents a bunch, roses at from $1 to $4 per 100 for ordinary. Sweet peas you can get at any price. Some of the bunching of these flowers is wonderful. There is surely less trouble and more profit in putting 25 or 50 spikes of peas in a bunch and we fail to see why twine is wasted in tying them in sixes and twelves. Lilies are bringing from $4 to $5, carnations from 50 cents to $1. The majority of the rest of the stock you can get at prices to suit.

There is nothing particular going on except an occasional funeral design. By the way, a tip to cattleya dealers and growers. John W. Mackay's remains will be brought to New York, and his favorite flower and his son's and daughter-in-law's flower is the dark cattleya. So look out, there will be lots of them used on that occasion. And valley will be in it too.

Notes.

Hodgson has the decorating for the Oelrich-Martin wedding in Newport this week, and quite a quantity of roses and cattleyas was shipped on from here for the occasion.

We all regret the death of the old-timer, John Bradshaw, of Sing Sing, which occurred on Friday last. His remains were interred in the family plot at Ossining on Sunday afternoon. Many beautiful floral designs were sent by the wholesalers of this city. Mr. Bradshaw was identified with the early history of the trade here. Always hospitable, encouraging and hopeful, he will be deeply regretted. He was 73 years old and death was due to Bright's disease.

John Scott, of Brooklyn, expects to sail to the land o' cakes on the 26th, and we are informed that John Nicols, the veteran geranium grower, has also gone on a short visit over the water.

We visited the Cottage Gardens, Queens, L. I., during the week and found that Mr. Ward was away inspecting the peach crop in Georgia. Mr. Ward grows peaches at his extensive place at Queens, but the fruit is not ripe yet, so don't visit there for a few weeks yet. We found his manager, Mr. Theodore Hengstenberg, very busy getting the houses ready for carnations. One house of Lawsons is already planted and from now on other sorts will follow. Mr. Ward is sterilizing his carnation soil this year. He has acres of carnation plants in the field and they are all in tip top shape. A batch of some 7,000 seedlings promise millions.

Mr. Ward has gone into the nursery business. His acres of phlox and other herbaceous plants are fine, and among the many thousands of ornamentals we saw, there is nothing more promising than his several hundred of specimen Picea pungens glauca.

J. I. D.

THE FOSTER FERN.

We were recently afforded an opportunity to examine a plant of the new fern, Nephrolepis Anna Foster, that originated with Mr. L. H. Foster, Dorchester, Mass., and it certainly seems to be a very desirable addition to the Bostoniensis family. The pinnæ of the fronds are deeply serrated and are miniature fronds themselves, adding very greatly to its decorative value, and the growth is very robust. A plant in a 6-inch pot is a very beautiful object.

It is a sport from the Boston fern and was found in a bench of Boston ferns by Mr. Foster in November, 1900. The fact that Mr. Foster has since that date been able to easily work up a large enough stock to introduce the fern this year shows that it happily possesses the same quality of rapid increase as the valuable parent of this new variety. And the plant shown us gave ample evidence that the variety does possess this essential characteristic of a trade fern. And that this plant, which had been transported a thousand miles, and packed and repacked a great number of times, showed no effects from this rough treatment, surely speaks well for its toughness and lasting qualities.

A striking peculiarity is that each of the pinnæ unfold in the same manner as the main frond, "unwinding" being a more appropriate word than would appear so without having noted this characteristic. Mr. Foster certainly seems to have a very useful new fern.

The motive power that has transported the plant mentioned to Chicago and vicinity is Mr. J. Austin Shaw, who has been presenting the merits of this novelty to the florists of this section, and who will have charge of an exhibit of the fern at the Asheville convention.

LONDON, ONT.

Rain, thunder storms, wet, showers and more rain is about as near a description of the weather as one can come at these days. It is becoming serious, and many reports of ruined crops and inundated land are to be heard. In our immediate locality there has as yet been no real damage, excepting to a few hay crops, but should this weather continue much longer it will have a serious effect generally.

Trade has fallen flat. An occasional funeral order is about all that is going. Carnations are still plentiful and of good quality. Roses are short, but there is an abundance of outdoor flowers of all descriptions.

F. Dicks complains that stem rot is making an appearance in the field, owing, probably, to the continued wet weather.

Fred Mitchell, of Innerkip, lost 1500 lights of glass in a recent hail storm.

Gammage & Sons report a good wholesale trade in Begonia Gloire de Lorraine, Asparagus plumosus and palms. They will make a trade exhibit at the coming convention in Hamilton.

We regret to hear that Mr. Ewing's duties at his new position, gardener for the Hon. J. M. Sutherland, Cabinet Minister, at Woodstock, are such that he has to relinquish the secretaryship of the Canadian Horticultural Association. There has been considerable talk of re-establishing the Canadian trade paper, and it was confidently hoped that Mr. Ewing's versatile pen would have contributed to its columns editorially.

LOND.

NEW ORLEANS.

Seed Firm Liquidates.

The Eichling Seed & Nursery Co., Ltd., is going into liquidation by mutual consent of all parties interested. The circumstances leading to liquidation are peculiar. Last January the holder of one-half of the stock left the city to attend to other business and transferred his stock to a local seedsman, a competitor of the firm, who became secretary and treasurer by virtue of his holdings. It is plain that such a condition of affairs could not last long and Mr. C. W. Eichling, the founder of the house in 1884, insisted on liquidation. Mr. Eichling has, by honest and intelligent work, built up an enviable reputation and a fine trade. He will continue the business on his own account. With his knowledge of business and energy his success is assured.

No Rain Here.

We have had about four months of dry weather this spring, longer than ever known here before. Almost everything is dying. Flowers are scarcer than in winter. You in the north must be getting our share of the rain as well as your own.

P.

LOSS OF BRITISH FLORISTS.

How great will be the loss of thousands who had expected to reap fortunes during the coronation ceremonies in London it has been impossible to estimate. Here is one item alone in which the losses are practically irreparable:

In anticipation of an enormous demand for roses—the coronation flower—the florists of England and the continent laid out large tracts of land with rose bushes, planning it so that the flowers would be ready in these last days of June.

It was estimated that the King's subjects would wear and use for decorations at least 60,000,000 red roses alone and would be willing to pay from two cents to four cents apiece for them. This was a moderate estimate. As coronation week approached, it was feared that the supply would not equal the demand.

The English retail florists poured in orders for thousands of blooms upon the gardeners. The fortunes in prospect seemed to be very close at hand, for the price of roses went steadily up in anticipation of a scarcity.

Now it is all at an end. Instead of great profits there will be great losses. No one wants red roses now. The florists who ordered and have literally tons of flowers coming from the continent which they will be unable to use will bear the loss in part. But most of it will fall upon the growers, in whose of-

SAMUEL S. PENNOCK, Wholesale Florist.
SELECT VALLEY..... 1612 Ludlow St. PHILADELPHIA, PA.
During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.
Mention The Review when you write.

fices the notices of cancellation are piled high. The larger part of the rose crop will die upon the bushes, and the gardeners will be out of pocket the money they have spent on land, on plants, and on cultivation in anticipation of the profits which the sudden illness of one man has reduced to airy nothings.—New York Sun.

GRAND RAPIDS, MICH.

The weather still continues very unfavorable for growing. It rains every few days and the soil doesn't have time to get dry before it is soaked again. Carnations are, in consequence, rather small for this time of the year. The continued wet interfered with getting soil in the benches for planting, but roses are now all planted and most of the violets.

Bruins-Slot & Son and Crabb & Hunter have lost lots of carnations by muskrats. They gnaw the plants off on a level with the ground. Bruins-Slot got after them with a shot gun and in a week's time killed three; Crabb & Hunter have traps, but no catch.

Business is very quiet. A little shipping trade and occasional funeral work serve to relieve the monotony. Carnations, 20 to 25 cents per doz.; roses, 75 cents to $1 per doz.; American Beauties, $1.50 to $3 per doz.; sweet peas, 10 cents per doz.

It looks very much as though no one from here will go to Asheville. Season is late, work backward, and no one takes any interest in the matter. We wish the boys a good time and hope to be well represented another year at the convention, which we hope will be held in Milwaukee.

G. F. C.

COIL HEATERS.

We want to give you a bit of our experience with coil heaters, having used two different styles. They were made of gas pipe and did fairly well the first winter, but failed entirely at the end of the second year. They will not stand the soft coal fire. This we learned in the school of experience. A good heavy cast-iron boiler is cheaper at double price than any gas pipe coil heater given as at present.

J. W. MARGRAVE & Co.
Hiawatha, Kan.

I THINK and believe the FLORIST'S REVIEW is the best paper I ever advertised in. S. J. McMichael, Findlay, O.

FERGUS FALLS, MINN.—Spencer O. Tuve, the nurseryman, recently took unto himself a wife, the bride being Miss Anna Magnussen.

I THINK very highly of the REVIEW and would not try to get along without it.—GEO. O. KLEIN, Camden Sta., Ky.

AS AN advertising medium the REVIEW is a great puller. HASKELL AVE. FLORAL CO., Dallas, Tex.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR RENT—Greenhouse, originally built for private use. Afterwards enlarged and surplus product sold. Florist has resigned and proprietor desires to be relieved from its management and will accept very low rent—$10.00 a month. Will purchase product to at least double the amount of rental. There are 7000 square feet of glass, good basement, first-class hot water heating apparatus, good customers, ready sale for product. Address for further information Youmans & Bro., Winona, Minn.

WANTED—A young man with practical experience in general greenhouse work as assistant. $20.00 per month and board. Von Reider, 425 Loockerman St., Dover, Del.

WANTED—Florist assistant for greenhouses. Good wages. Chas. Rayner, Anchorage Rose Houses, Anchorage, Ky.

WANTED—1300 feet of 2-inch pipe and fittings. H. S. Baker, Warsaw, N. Y.

SITUATION WANTED—To take charge of a private place, or as manager of a commercial business. Eight years experience in greenhouse and out-door work. Please state wages when writing. Distance no object. Address Florist, Box 153, Hospital, Ill.

SITUATION WANTED—By August 4 as working foreman or grower in good commercial place; roses, carnations and general stock. F. K. B., 532 Washington Ave., N., Lansing, Mich.

SITUATION WANTED—By experienced grower of roses, carnations, 'mums, specialties, general stock. Best references. G. Grower, 88 Walnut St., Cleveland, Ohio.

SITUATION WANTED—By a middle aged man, single, as assistant gardener and florist. Address, W. Gardner, care Huebner Bros., Oconomowoc, Wis.

FOR SALE—100 boxes 18x20 double strength A, best quality glass, new, $5.00 per box, F. O. B. Cash. Also 2000 feet new 2-inch iron pipe, and 1200 feet 1-inch steam pipe. F. Walker & Co., Florists, Louisville, Ky.

FOR SALE—3000 carnation stakes at ¾-cent each. Eggeling Floral Co., St. Louis, Mo.

FOR SALE—Florists' ice box, cheap. 12 ft. front 4 doors, 8 ft. deep and 10 ft. high. Nearly new. E. Bernheimer, 1604 Ludlow street, Philadelphia, Pa.

WANTED—By August 15th a good grower of roses and carnations; must be good worker, sober, industrious and reliable; good pay and steady employment. John Fallon, Staunton, Va.

WANTED—A good grower for a place of 12,000 feet. Single or married. Must be steady and not afraid of work. State references and wages wanted. J. M. Smely, Aurora, Ill.

WANTED—An assistant in rose and carnation houses. Also boy to learn the business. State age and wages wanted including board and washing. John L. Wyland, De Haven, Pa.

SITUATION WANTED—As foreman in first-class florist business; well up in growing cut flowers and general stock for wholesale and retail trade; 19 years' experience in the business; German, single, 35 years of age. Address E. Horn, 1500 Olive Street, St. Louis, Mo.

SITUATION WANTED—As manager or foreman on a large commercial place by a practical florist (American) who has handled 100,000 square feet of glass successfully for the past ten years. Correspondence solicited. Address American, care Florists' Review.

FOR SALE—My greenhouse, almost new, 25x125 ft., filled with plants to suit the trade. As good a retail stand as there is in St. Louis. Place will stand the strictest investigation. Price, $2,250 for house and lot, stock to be taken at market prices. Purchaser to have priviledge of 25 ft. adjoining at $30.00 a foot, and another 25 ft. with 6 room house. Fred Huke, 4579 Evans Ave., St. Louis, Mo.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

WANTED—Rose grower to take charge of section. Steady position to right party. J. F. Wilcox, Council Bluffs, Iowa.

FOR SALE—Best florist business in Southern Illinois in live business town. Fine trade in cut flowers and plants. Plant of three houses. Water heat. Will be sold cheap. Address Illinois, care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—Three or four good rose growers. Good wages to right men. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

WANTED—To rent with privilege of buying, a medium size place in good condition; Illinois, Iowa, Indiana or Michigan. Address 50, care Florists' Review

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 723 E. State Street, Redlands, Cal.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED.
Experienced traveler to sell European plants, bulbs, seeds, etc., to wholesale seedsmen, florists and nurserymen. Must be of gentlemanly appearance, healthy, sober and energetic. Steady position. State reference, former occupation and salary wanted. Address confidentially,
AUG. RHOTERT, 26 Barclay St., NEW YORK.
Mention The Review when you write.

FOR SALE.
A good specimen plant of Phoenix tenuis; about 8 feet high and 6 feet across. Price $25.00. Could be sent by freight.
W. T. BELL & SONS, Franklin, Pa.
Mention The Review when you write.

For Sale at a Bargain
Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address
F. S., care Florists' Review.

LEO NIESSEN, N. W. Cor. 13th and Filbert Sts. Philadelphia, Pa.

During July and August store will be open from 7 A. M. to 6 P. M.

Mention The Review when you write.

JOHNSON & STOKES' Kingly Collection Pansy.

Size alone does not constitute a fine Pansy. A Giant Pansy without substance will be a failure that every florist knows only too well when it is put on sale. J. & S. Kingly Collection Pansy has been carefully selected from the choicest strains money could purchase, and this is unquestionably the largest, of the greatest substance and containing the richest colors of any strain now offered to the trade. Per 1000 seeds, **30c**; 2000 seeds, **50c**; 5000 seeds, **$1.00**; ¼ oz., **$1.25**; per oz., **$5.00.**

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

PIPING.

Please tell me the best way to pipe, and how much piping will be required, in a house 38x142 and 16 feet to ridge, to keep a temperature suitable for carnations, say 48 to 52 degrees, where mercury drops to zero or below. House is well put up. Has glass gables.

I thought to run five lines of 1 1-2 to 2-inch pipes down the iron supports, one in center and two on each side overhead. How many 1-inch returns would be needed? The carnations are to be planted in solid beds. D. P.

Replying to D. P., for the steam heating of the carnation house 38x142, having glass on the roof and ends only, I would suggest that he run a line of 1 1-2-inch steam flow overhead on each of the five columns, returning from each with three 1-inch returns, thus the house will contain five lines of 1 1-2-inch pipes and fifteen lines of 1-inch. The main steam pipe from the boiler will be 3 1-2 inch and the main return pipe to the boiler 2 1-2-inch. Let the point where the steam pipes enter the greenhouse be the highest and all the pipes grade downward back to the boiler. The return pipes may be placed in the walks if desired, but keep them as far from the foliage as possible.

New York. Henry W. Gibbons.

CATALOGUES AND PRICE LISTS.

Colesburg Pottery Co., Colesburg, Iowa, price list of standard flower pots; Geo. Van der Veld, Lisse, Holland, wholesale bulb catalogue; Hasslach & Roumanille, St. Remey de Provence, France, wholesale seed list; James Vick's Sons, Rochester, N. Y., list of imported bulbs for fall planting; Lager & Hurrell, Summit, N. J., special list of freshly imported unestablished orchids; Wilfrid Wheeler, Concord, Mass., list of pot-grown strawberry plants; F. Ludemann, 3041 Baker street, San Francisco, Cal., California-grown bulbs and plants, also Japan-grown plants and bulbs; Beaulieu, Woodhaven, N. Y., descriptive circular of the new giant pansy "Mme. Perret," and Beaulieu's "Hardy White Onion"; Schlegel & Fottler Co., 26 So. Market street, Boston, Mass.; G. van Waveren & Kruijff, Sassenheim, Holland, wholesale bulb catalogue.

Eaton Rapids, Mich.—H. F. Dew is now located here and is bulding a greenhouse, 14x50 feet, which will be in running order by Sept. 1.

Chrysanthemums!

Nice young stock from 2-in. pots, $2.50 per 100.

Mrs. J Jones,	Col. D. Appleton,
Alice Byron,	Yellow Fitzwygram,
Glory of Pacific,	Xeno,
Mrs. H. Robinson,	Modesto,
Yellow Jones,	Lavender Queen,
Pres. Smith,	Nagoya,
V.-Morel,	Yanariva,
Marion Henderson,	Mrs E D. Smith,
Geo. S. Kalb,	Mrs. S. T. Murdock.

AND MANY OTHER STANDARD VARIETIES.

NATHAN SMITH & SON

ADRIAN, MICH.

Mention The Review when you write.

WHOLESALE GROWERS
.....OF.....
Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.

WHOLESALE BULB GROWERS,

PETERSBURG, VA.

Mention The Review when you write.

Extra Fine Valley

During the Summer

$4.00 to $5.00 per 100

H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of

MACHINE WIRED TOOTHPICKS

10,000....$1.50; 50,000....$6.25

3000 6-inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

Mention The Review when you write.

Waste.—Have you cut all the waste out of your business? Every penny of waste reduces your profits. You can cut out a good deal of waste time by using our classified advertisements when you need stock.

Referring to their adv. the Poehlmann Bros. Co. write: "The Florists' Review is doing the work all right."

GEORGE M. MOSS,

WHOLESALE FLORIST,

Beauties, Brides, Maids, Carnations, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

Mention The Review when you write.

EDWARD REID

WHOLESALE FLORIST.

Valley and all seasonable summer flowers.

1526 Ranstead Street, PHILADELPHIA.

Store closes at 6:30 P. M. Saturday 1 P. M.

Long Distance Telephone.

Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

Mention The Review when you write.

Eugene Bernheimer,

WHOLESALE FLORIST,

Will Remove to 11 S. Sixteenth Street about August 1st.

Long Distance Telephone. **PHILADELPHIA, PA.**

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

Cineraria, Giant Prize.....pkt., 50 cts.
Calceolaria, Grandiflora..... " 50 cts.
Primula, Chinese Fringed.... " 50 cts.
Cyclamen, Giganteum, 100 seeds, 75 cts.; 1000 seeds, $6.00.
Pansy, superb mixture.....oz., $5.00

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

Michigan Seed Co.

WHOLESALE GROWERS

GLADIOLUS, DAHLIA and CANNA

Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. NEW YORK.

All through the early morning hours
I hear the music of the flowers,
And day and night their voices ring;
And this the song I hear them sing:—
"Long live Millang The Lily King!"

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to.
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

Mention The Review when you write.

CHRISTMAS FLOWERING Sweet Peas

MISS FL. E. DENZER, large pure white flower. 1 pkt., containing 2 ozs. of seed, **$1 50** 8 pkts., containing 1 lb. of seed, **$10.00.** Mailed free.

ZVOLANEK'S CHRISTMAS, the well known pink and white, 1 lb., **$4.00.**

Both varieties, if sown first part of September, start to blooming in November and flower all winter till June.

Also **MONT BLANC** (European) **$2.00** per lb., and all other select florists' Sweet Pea Seed at low prices.

ANT. C. ZVOLANEK,
GRAND VIEW, N. J.

Mention The Review when you write

YOU can plant at any time — Roses from 4 and 5-in. pots: Crimson Rambler Gen. Jacqueminot, Coquette des Blanches Clothilde Soupert, etc., fine clean plants, 9c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 2-year, from 5-in. pots, 18c; 1 year, from deep 3-in., 9c. Clematis Paniculata, 2-year, from 5-in. pots, 10c; extra from 6-in., 18c. Japan Gold Leaf Honeysuckle, fine 3 and 4-in., 10c. Also nice 2-in. Centaurea gymnocarpa, 2c. Henderson's Snowball and Selected Erfurt Cauliflower from 2-in. pots, 2c. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

Mention The Review when you write.

BOSTON FERN

Small plants, 2-3 fronds, $25.00 per 1000. Just right for planting for Fall plants.

The New Nephrolepis Fern Anna Foster, Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

L. H. FOSTER, Dorchester, Mass.

Mention The Review when you write.

5000 SMILAX TO CLOSE.

500 Hibiscus, in 2½ to 4-inch.
5000 Sprengeri, 2 to 6-inch.
5000 Plumosus, 2 to 5-inch.
Boston Ferns, 4 to 10-inch.

Let us have your orders.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,
300-306 Dearborn St., CHICAGO.

Mention The Review when you write.

The Florists' Manual

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

Abutilon
Acacia
Acalypha
Acanthrophœnix
Acer japonicum
Achillea
Achimines
Acrophyllum
Adiantum
Agapanthus
Agave
Ageratum
Allamanda
Alocasia
Aloysia
Alternanthera
Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
Astilbe japonica
Azalea
Balsam
Bay Trees
Bedding Plants
Begonia
Bellis
Bottom Heat
Bougainvillea
Bouvardia
Bromeliads
Browallia
Bulbs
Caladium
Calamus
Calceolaria
Camellia
Canna
Carludovica
Carnation
Celosia
Centaurea
Cheiranthus
Chrysanthemum
Cineraria
Clematis
Cobea
Cold-frames
Coleus
Cosmos
Cotyledon
Crinum
Crocos
Croton
Cycas
Cyclamen
Cytisus
Dahlia
Decorations
Decorative Pl'ts
Deutzia
Dianthus
Dracaena
Drainage
Easter Plants
Epacris
Erica
Eriostemon
Eucharis
Eupatorium
Euphorbia
Ferns
Fertilizers
Ficus
Fittonia
Floral Arrangements
Freesia
Fuchsia
Fungicides
Gardenia
Geranium
Gladiolus
Glazing
Gleichoma
Gloxinia
Grasses
Greenhouse Bldg
Grevillea robusta
Hardy Perennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Koeniga
Lantana
Lapageria
Lawns
Libonia
Lilium
Lily of the Valley
Linum trigynum
Lobelia
Lysimachia
Manettia
Manures
Maranta
Martinezia
Maurandya
Metrosideros
Mignonette
Mimulus
Moon Flower
Mulching
Musa
Myosotis
Nepenthes
Nierembergia
Oleander
Orchids
Othonna
Oxalis
Packing Flowers
Packing Plants
Paeonia
Palms
Pandanus
Panicum var.
Pansy
Pelargonium
Peperomia
Perilla
Petunia
Phlox
Pinks
Poinsettia
Potting
Primula
Rhododendron
Richardia
Ricinus
Roses
Salvia
Santolina
Sedum
Seed Sowing
Selaginella
Shading
Skimmia japon'a
Smilax
Soils
Solanum
Stephanotis
Stevia
Stocks
Store Manage'mt
Swainsona
Sweet Peas
System
Thunbergia
Torenia
Tropaeolum
Tuberose
Valotta
Vases
Ventilation
Veranda Boxes
Verbena
Vinca
Violet
Watering
Zinnia

Price, $5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

Asparagus Plumosus,

Strong plants from 2-inch pots, $4.00 per 100; $30.00 per 1000.

Asparagus Sprengeri,

Strong plants from 2½-inch pots, $3.00 per 100; $25.00 per 1000.

5,000 ENGLISH IVY,

Strong plants in 3-inch pots, $5.00 per 100; $35.00 per 1000.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

W. & T. SMITH COMPANY, GENEVA, N. Y.

Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

WE control the American market (and don't forget it) in Araucaria Excelsa. Three large consignments of this favorite pot plant arrived early in May. Our houses are now full of them. Notice the following low prices:

ARAUCARIA EXCELSA,

5-inch pots,	3 tiers,	10 inches high	.....	50c
5½ "	3 "	10 to 12 inches high.		60c to 75c
6 "	4 "	15 to 18	"	75c to $1.00

Kentia Forsteriana, 25 to 28 inches high, 5½-in. pots, 5 leaves, 75c. **Kentia Belmoreana,** 20 inches high, 5½-inch pots, 5 leaves, 75c. All good, healthy stock. **Ficus Elastica** later. **Begonias,** tuberous rooted, fine color, 5-inch pots, $1.80 per doz. Mention if pots are wanted. Cash with order please.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 ONTARIO ST., PHILADELPHIA, PA.

Chrysanthemums

2½-inch pots, in the following sorts:

Good, clean, fresh stuff, not drawn and dried up.

Niveus, White and Yellow Jones, Frank Hardy, Glory of the Pacific, Merry Monarch, Col. Appleton, Bonnaffon, White Ivory, O. P. Bassett, W. H. Lincoln, Golden Wedding, Robinson, Mrs. Weeks and Mrs. Murdock,

$2.00 per 100; $18.00 per 1000.

Cash with order.

"CRITCHELL'S" AVONDALE, CINCINNATI, OHIO.

Mention The Review when you write.

Asparagus Plumosus

3-inch pots, at $5.00 per 100.

SMILAX, 2-inch pots, at $1.50 per 100.

Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

ROCHESTER, N. Y.

Death of W. J. Mandeville.

Wilbur J. Mandeville, the well-known seedsman, senior member of the firm of Mandeville & King, died July 14, aged 50 years.

He was born in Webster, February 9, 1852, was graduated from the De Graff Military Institute, and came to Rochester at an early age. He was first connected with the firm of S. Boardman & Son, nurserymen and seedsmen. In 1875 he began business for himself in a small way and gradually built up the immense business of which he was the head at the time of his death.

In 1879 Mr. Mandeville became associated with Herbert S. King under the firm name of Mandeville & King, and on the death of Mr. King in 1890 he formed a partnership with Fred B. King under the same firm name. This partnership continued until a month or so ago, when the business was incorporated under the name of the Mandeville & King Company.

Mr. Mandeville was the president of the Mandeville & King Company, recently incorporated with a capital of $250,000; he was also vice president of the Cleveland Seed Company, and a director in the James Vick's Sons Company. All three companies are more or less allied and Mr. Mandeville was the controlling spirit in each concern.

Mr. Mandeville was a member of the Chamber of Commerce. He was a public-spirited citizen and a generous contributor to philanthropic enterprises. He was a vestryman at St. Luke's church at the time of his death. He was married in 1876 to Harriet King, a sister of his first partner, Herbert King. Besides his widow, three children, Edna, Lois and Arthur Mandeville, survive him.

CHICAGO TO ASHEVILLE.

The Chicago Florists' Club has arranged with the Big Four and Southern railways for the trip to the convention of the S. A. F. at Asheville, N. C., Aug. 19 to 22.

The party will travel from Chicago by special cars on the Big Four road (C. C. C. & St. L. Ry.), leaving at 8:30 p. m., Sunday, Aug. 17, reaching Cincinnati early Monday morning. The morning will be spent in the Ohio city and at 2 p. m. the party will take a special train on the Queen & Crescent and Southern railways, reaching Asheville at 7 o'clock Tuesday morning.

Sleeping car reservations made in advance. Send in your names, stating space wanted and number of people in your party. This is quite necessary, that all may have proper accommodations. Address E. F. Winterson, 45 Wabash avenue, Chicago.

Norwich, Conn.—Stephen Crane, the well-known nurseryman, died suddenly of heart disease, July 14, aged 74 years. He had resided in this city for forty years. He is survived by a widow, two daughters and a son.

In June several thousand bulbs of Lilium longiflorum from South Africa were sold in the auction rooms of London. It is said that the bulbs were of very good quality and it is predicted that in a few years South Africa will supply the bulbs now imported from Japan.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Manager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
Mention The Review when you write.

WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
Mention The Review when you write.

JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
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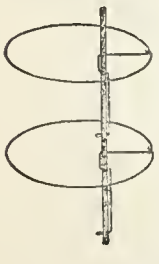

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Kalb	1.50	2.50
Merry Christmas	1.50	
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00

YELLOW.	Per 100 R. C.	Per 100 2½-in.
Harry A. Parr	$1.50	$2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	
Gold Mine	2.50	
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whilldin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00

PINK.	Per 100 R. C.	Per 100 2½-in.
Montmort	$1.30	
Glory Pacific	1.30	$2.00
Perrin	1.30	2.00
Xeno	2.00	
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
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Defender	1.50	2.00
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American Beauties	$4.50	$40.00	$7.00	.....
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Maids	3.00	.....	4.50	$40.00
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Maids, 3½-inch			$5.50 per 100;	$50.00 per 1000

STEVIA, (no more R. C.) .....2½-in., per 1000.....$20.00 3-in., per 1000.....$40.00

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Fine plants, bench pots, $12.00 a doz.

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Giganteum or Persicum.

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FINEST STRAIN EVER OFFERED.

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GREENHOUSE-GROWN SEED. Trade packets of about 2000 seeds, $1.00.

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Acalypha marginata, 300 extra strong plants in 2½-in. pots, $4.00 per 100. F. O. B. express or freight office. Cash. Mills, The Florist, Jacksonville, Fla.

ACHYRANTHES.

Achyranthes, 250 in 2½-in., both colors, red and green, $3.00 per 100. Cash. Mills, The Florist, Jacksonville, Fla.

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Ageratum, blue, 2¼-in., $2.00 100. Princess Pauline, 2¼-in., $2.50 100. Greene & Underhill, Watertown, N. Y.

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Ampelopsis quinquefolia, 5-in., extra strong $5.00 doz. Bobbink & Atkins, Rutherford, N. J.

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ARAUCARIA EXCELSA.

Pots.	High.	Tiers.	Each.
4-inch	5 to 7 inches	2	$0.35
5-inch	8 to 10 inches	3	.50
6-inch	10 to 15 inches	3 to 4	.75
6-inch	16 inches	4	1.00
6-inch	20 inches	4 to 5	1.25
7-inch	24 inches	4 to 5	1.50

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Pots.	High.	Tiers.	Each.
5-inch	8 to 10 inches	2	$0.75
6-inch	12 inches	2 to 3	1.00
6-inch	15 inches	3	1.25
7-inch	18 inches	4	1.50

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Pots.	High.	Tiers.	Each.
6-inch	10 inches	2 to 3	$1.25
6-inch	12 inches	3	1.50

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ASPARAGUS PLUMOSUS NANUS. We devote twelve large houses to this specialty. 2-in., immediate delivery, $4.00 per 100; $35.00 per 1000; 5000 for $150.00. Cut strings of asparagus at any time, $6.00 per doz.; $50.00 per 100. Asparagus, long sprays, $2.00 per 100; $20.00 per 1000. Sprengeri, 2-in., $3.00 per 100; $25.00 per 1000.

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Cut strings, 50 cents each.
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Asparagus plumosus, 2-in., $3.50 100. Cash. Jos. H. Cunningham, Delaware, O.

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Asparagus plumosus, 3-in., $5.00 100. Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, all sizes. A. S. MACBEAN, Lakewood, N. J.

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Vick's and Semple's Branching and Paeony Perfection from 2½-in. pots, $1.00 100. Swan Floral Co., Findlay, O.

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Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

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Abutilons, assorted, $3.00 per 100.

Anemone Japonica Alba, Rosea, Elegans, and Whirlwind, $3.00 per 100.

Begonia Vernon, fine for bedding, $3.00 per 100.

Begonia Rex, fine assortment, $4.00 per 100.

Begonia Gloire de Lorraine, fine stock for growing on, $15.00 per 100.

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Cannas, extra strong plants, 3½-in. pots, ready for immediate use, the following sorts: Robusta, Secretaire Chabanne, Alsace, Mlle. Berat, L. Patry, Robt. Christie, Pres. Max Michelli, Improved Pillar of Fire, Michel Favrichon, Discolor Violacea, Philippe Rivoire, etc., $6.00 per 100.

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Coleus Golden Bedder, Verschaffeltii, and finest assorted varieties, $2.50 per 100, $20.00 per 1000.

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Freesias, choicest white stock.

	12	100	1000
⅝-½-inch circ., select	$0.05	$0.40	$3.00
½-inch up, large	.10	.60	5.00
¾-inch up, mammoth	.15	.85	7.00

Lilium Harrisii, sound, clean, bonest stock.

	12	100	1000
5x7-inch circ.	$0.60	$4.75	$45.00
7x9-inch circ	1.50	10.00	100.00
9x11-inch circ	2.75	20.00	
Bermuda Buttercup Ox	.15	1.00	8.00

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FREESIAS, CALLAS, LILIUM HARRISII, etc. If our bulb list has not been received we shall be pleased to send it on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices. American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

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Carnations from field. Strong, healthy plants.

3500 Lawson.	1000 M. Glory.
2000 Crane.	700 Lord.
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First size, $8.00 100; second size, $5.00 100. 300 Prosperity and 200 Lorna, $10.00 100.

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Carnation plants. If you want first-class field-grown carnation plants, send for quotations to Michael Winandy, Devon Ave., and N. Roby St., Chicago.

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FIELD-GROWN carnations: Joost, Hill and McGowan, $4.00 per 100. Cash with order. J. T. Cherry, White Hall, Ill.

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Carnations. Send to us for prices on what you need.

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CASSIA FALCATA is a rare old plant, blooms profusely and is a good companion plant to grow with Salvia splendens. Color, lemon-yellow; extra fine for park or garden decoration. Can be kept over winter in cellar. Price, $1.50 per doz., $10.00 per 100. J. T. Temple, Davenport, Iowa.

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Centaurea gymnocarpa, 3-in., fine, $4.00 per 100. E. & C. Woodman, Danvers, Mass.

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2½-in. pots, 30c per doz., $2.00 per 100, 1000, our selection, of from 15 to 20 kinds, for $15.00.

Pompon chrysanthemums, the best collection known, 2¼-in., $2.00 per 100; rooted cuttings, $1.00 per 100, or $1.25 postpaid.

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Chrysanthemums, the largest and finest stock in the country.

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Chadwick	2.50	
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	
Kalb	1.50	2.50
Merry Christmas	1.50	
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00
YELLOW.		
October Sunshine	2.00	2.50
Harry A. Parr	1.50	2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	
Gold Mine	2.50	
Yel. Fitzwygram	1.50	2.50
Yel. Bergmann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whilldin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00
PINK.		
Montmort	1.30	
Glory Pacific	1.30	2.00
Perrin	1.30	2.00
Xeno	2.00	
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—Immense stock of COL. APPLETON rooted cuttings, $15.00 per 1000; 2½-in. pots, $20.00 per 1000. BONNAFFON rooted cuttings, $12.00 per 1000; 2½-in. pots, $18.00 per 1000. OCTOBER SUNSHINE rooted cuttings, $1.75 per 100; 2½-in. pots, 2.50 per 100. Fine stuff.

No order filled for less than $2.00, or less than 10 of a variety.

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Col. Appleton	$4.00	Orizaba	$6.00
Philadelphia	5.00	Mary Hill	4.00
Robt. Halliday	3.00	Lady Playfair	2.50
Golden Wedding	4.00	Xeno	3.00
R. H. Pierson	6.00	Maud Dean	4.00
Yellow Mayflower	3.00	Yanariva	6.00
Mrs. E. D. Smith	4.00	V.-Morel	4.00
October Sunshine	3.00	Adele	3.00
Mrs. Whilldin	2.50	Lady Harriett	4.00
Liberty	4.00	J. K. Shaw	3.00
Eclipse	4.00	Glory Pacific	3.00
Modesto	3.00	Red and Bronze.	
E. Dailledouze	3.00	G. W. Childs	4.00
H. A. Parr	2.50	Intensity	4.00
Major Bonnaffon	3.00	John Pockett	6.00
Nagoya	3.00	Lady Angelsy	4.00
White.		White.	
T. Eaton	4.00	Willow Brook	3.00
Ivory	3.00	Nellie Pockett	4.00
Polly Rose	3.00	Niveus	3.00
Mayflower	3.00	G. S. Kalb	2.50
M. Monarch	2.50	Mrs. J. Jones	3.00
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Our selection of standard varieties, early, midseason and late, $20.00 per 1000; $2.00 per 100. Reduction on large orders.

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Mrs. J. Jones. Appleton.
Alice Byron. Yellow Fitzwygram.
Glory of Pacific. Xeno.
Mrs. H. Robinson. Modesto.
Yellow Jones. Lavender Queen.
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Nice young stock, 2-in. pots, $2.50 100.

N. SMITH & SON, Adrian, Mich.

Chrysanthemums, good, clean, fresh stuff not drawn and not dried up: Niveus, White and Yellow Jones, Frank Hardy, Glory of Pacific, Merry Monarch, Col. Appleton, Bonnaffon, White Ivory, O. P. Bassett, W. H Lincoln, Golden Wedding, Robinson, Mrs. Weeks, and Mrs. Murdock, 2½-in., $2.00 100, $18.00 1000. Cash with order.

CRITCHELL'S, Avondale, Cincinnati, O.

Chrysanthemums, TO CLOSE OUT. Here is a bargain. 200 fine, strong, bushy Major Bonnaffon, 2½c; 150 Timothy Eaton, 3c; 150 white and pink Glory of Pacific, strong, bushy, 2½c; 200 mixed, best varieties, 2-inch, 1½c. Best offer for all takes the lot; speak quick; need the room; have finished planting.

GUNNAR TEILMANN, Marion, Ind.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs Perrin and Mrs. E. G. Hill.

MRS. J. W. CROUCH, Chattanooga, Tenn.

5,000 2½-in. pot chrysanthemum plants, good market sorts. Our selection, $1.50 100, $12.50 1,000. Cash. Geo. A. Heinl, Toledo, O.

Chrysanthemum rooted cuttings of all good commercial varieties, $1.00 per 100. Send for list. Krueger Bros., Toledo, O.

A few good chrysanthemums, leading varieties from 2½-in., $2.50 100. Harry White, R. D. No. 6, Wabash, Ind.

Polly Rose chrysanthemum, 2-in., $2.50 100. W. G. Kroeber, Tremont St., New Bedford, Mass.

Chrysanthemum White Bonnaffon, 3-in., strong, $4.00 100. C. Winterich, Defiance, Ohio.

CINERARIAS.

Cinerarias, 2-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

CLEMATIS.

Large-flowering clematis. Finest purple, white, lavender, and pink sorts, 2-yr., 5-in., 18c; 1-yr., 3-in., 9c. Clematis paniculata, 2-yr., 5-in., 10c; extra, 6-in., 18c. W. H. Salter, Rochester, N. Y.

Clematis Jackmani, 4-in., $5.00 doz. Clematis paniculata, 4-in., $3.00 doz. Bobbink & Atkins, Rutherford, N. J.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Edler, Bloomington, Ill.

COLEUS.

Coleus stock plants, including Golden Bedder, Verschaffeltii, Fire Brand, Park Beauty, Nellie Grant, Bismark, Butterfly, and others; 2½-in. pots, short growth, $1.50 100, $10.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

Coleus, assorted, 2¼-in., $2.00 100. Verschaffeltii, P. & P., Golden Bedder, Her Majesty, 2¼-in., $2.50 100. Cash. Greene & Underhill, Watertown, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

CUPHEAS.

Cupheas, 2¼-in., $2.50 100. Greene & Underhill, Watertown, N. Y.

CYCLAMEN.

Cyclamen Persicum Splendens Giganteum. Finest strain in the world, in four true colors, well-grown plants, from 2½-in. pots, $4.00 per 100; $35.00 per 1000. Extra selected, $5.00 per 100; $40.00 per 1000. Satisfaction guaranteed. Paul Mader, East Stroudsburg, Pa.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100. Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum, extra fine strain and plants; in separate colors, ready in July; 4-in., $12.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen giganteum or persicum, ready to shift for Christmas blooming, 3-in., $5.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 2½-in., stocky plants, $3.00 100. Converse Greenhouses, Webster, Mass.

DAHLIAS.

Dahlias. Gloire de Lyon, Empress of Austria, Mme. Lorton, Mme. Furtaldo Oblata, Keyne's White, etc. Collection of 200 varieties, each 25c. BEAULIEU, Woodhaven, N. Y.

Dahlias. Surplus stock of the Pink Water Lily Dahlia, NYMPHEA. Fine for cutting; plant now for September blooms. Field roots, $3.00 per 100. W. P. Carre, Mantua, N. J.

Dahlia A. D. Livoni, fine bulbs, $2.00 per 100. R. B. Brown, Seabrook, N. H.

DAISIES.

Marguerite Daisies, to close out, from 2½-in. pots, fine plants, $2.50 per 100.

George Smith, Manchester, Vt.

Burbank's Shasta daisy, $15.00 100. California Carnation Co., Loomis, Cal.

Marguerites, white, 3-in., $4.00 100.

Greene & Underhill, Watertown, N. Y.

DRACÆNAS.

200 Dracaena indivisa, 6-in. pots, 3 ft. 6 in. high, full heads, fine for vases, $15.00 per 100; $2.00 per doz. Ruxton Floral and Nursery Co., Ruxton, Md.

FERNS.

FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.

ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.

ANDERSON & CHRISTENSEN, Telephone 20 I, Short Hills, N. J.

NEPHROLEPIS EXALTATA.

	Each.	Ten.	100.
3-in. pots	$.05	$0.40	$2.00
4-in. pots	.08	.75	7.00
5-in. pots, Bostoniensis	.22	2.10	
6-in. pots, Bostoniensis	.35	3.20	
7-in. pots, Bostoniensis	.55	5.20	
8-in. pots, Bostoniensis	.80	7.50	
12-in. pans, Bostoniensis	2.00		

W. J. HESSER, Plattsmouth, Neb.

Jardiniere Ferns, leading varieties in assortment, extra good stock from large flats, $1.50 per 100.

Boston Ferns, ready for 5 and 6-inch pots, $25.00 per 100. Sample plants, 40 cts. each. Ten per cent discount on large orders. Cash with order.

CHR. SOLTAU, 199 Grant Ave., Jersey City, N. J.

Boston Ferns, small plants, 2 to 3 fronds, $25.00 1,000; just right for planting for fall plants.

Orders booked now for September delivery for the new Nephrolepis fern ANNA FOSTER. Small plants $25.00 100.

L. H. FOSTER, 45 King St., Dorchester, Mass.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, tygodium, etc., etc.

John H. Ley, Good Hope, Washington, D. C.

Ferns. I have at all times a nice collection of Ferns in 2¼-in. pots, suitable for fern dishes, etc., at $3.00 per 100. From flats at $10.00 per 1000. H. Weston, Hempstead, N. Y.

Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000, Beard Bros., West Fort St., Detroit, Mich.

FERNS IN FLATS. Buy from the grower and save jobber's commission, $1.00 per flat of 110 clumps. Sunnyside Ferneries, Secaucus, N. J.

Adiantum Cuneatum, 6-inch pots, $35.00 per 100. Cash with order. Send for sample. The F. E. Williams Co., Cleveland, Ohio.

FERN BALLS, $3.60 per doz., $25.00 per 100. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Ferns for fern dishes, 2 and 2½-in. pots, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Fern Balls, good size, $25.00; extra, $30.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

Japan fern balls started, $5.00 doz., $40.00 100. Bobbink & Atkins, Rutherford, N. J.

Boston ferns from 4-in. pots and up. Write Geo. A. Kuhl, Pekin, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

GERANIUMS.

Geraniums, strictly high-grade varieties, true to name, from 2½-in. pots: Jean Viaud, the pink novelty, and Duchess of Orleans, the variegated wonder, $3.00 100; Nutt, Poitevine, Perkins, Hill, Bruant, Jaulin, Athlete, Morton; Meehan, Kellway and others, $2.00 100, $18.00 1000. Buckley Plant Co., Springfield, Ill.

Geraniums. Sheridan, King of the Scarlets, Nutt, Mrs. Bruant, La Favorite, Naomi, Mme. Salleroi—all named sorts—2½ and 3-in. pots, $1.50 100, $12.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

To clean up. We have at least 15,000 geraniums in 4-in. pots, in bud and bloom, at $5.00 per 100. Cash to accompany the order.

J. E. FELTHOUSEN, Schenectady, N. Y.

Our geraniums that have been bedded in on the shelf are equal to 4 or 5-in. pot plants and we sell 'em at $3.75 100. We pack light. E. I. Rawlings, Quakertown, Pa.

Geraniums, strong, well-established plants of leading varieties at $2.50 100; our selection, $2.00 100. Greene & Underhill, Watertown, N. Y.

Apple geraniums, 200 in 4-in. pots, fine plants, $10.00 per 100. Cash. Mills, The Florist, Jacksonville, Fla.

Geraniums, 20 leading sorts, 2¼-in., $2.00 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

GLADIOLI.

Cut Gladioli Spikes, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.
ARTHUR COWEE, U. S. Representative and Grower of Groff's Hybrids. "Meadowvale Farm," Berlin, N. Y.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

HARDY PLANTS.

Ampelopsis Veitchii, 1 year, No. 1, $3.00 per 100; $15.00 per 1000. No. 2, $1.50 per 100; $10.00 per 1000.
Yucca Filamentosa, 1 year, No. 1, $10.00 per 1000; No. 2, $6.00 per 1000.
Calycanthus Floridus, 1 year, No. 1, $2.00 per 100; $10.00 per 1000. No. 2, $1.00 per 100; $5.00 per 1000.
Azalea, Amoena and Viburnum Tomentosum, well rooted cuttings, $2.50 per 100; $20.00 per 1000.
SAMUEL C. MOON, Morrisville, Pa.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
W. & T. Smith Co., Geneva, N. Y.

ALL HOLLAND NURSERY STOCK.
ENDTZ, VAN NES & CO.,
BOSKOOP. Catalogue free. HOLLAND.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

HELIOTROPES.

Heliotropes, 2¼-in., $2.50; 3½-in., $4.00; 4-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

HIBISCUS.

500 hibiscus in 2½ to 4-in. pots.
Write Geo. A. Kuhl, Pekin, Ill.

HONEYSUCKLES.

Japan Gold-leaf honeysuckle, fine 3 and 4-in., 10c. W. H. Salter, Rochester, N. Y.

HYDRANGEAS.

Hydrangea Otaksa in tubs, fine plants for decorations, $3.00 each. Bobbink & Atkins, Rutherford, N. J.

IVY.

English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

German Ivy, 2¼-in., $2.00 100. Cash.
Greene & Underhill, Watertown, N. Y.

LILY OF THE VALLEY.

At all times, extra fine CUT BLOOMS of Lily of the Valley, $3.00 per 100. Cash must accompany orders. Anton Schultheis, Box 78, College Point, L. I., N. Y.

Extra fine VALLEY, $4.00 to $5.00 per 100.
H. N. Bruns, 1409 W. Madison St., Chicago.

LOBELIAS.

Lobelias, 2-in., $1.50 100. Greene & Underhill, Watertown, N. Y.

MOONFLOWERS.

Moonvine stock plants; best early blooming varieties, 3-in. pots, $5.00 100. Cash with order. Critchell's, Avondale, Cincinnati, O.

MUSHROOM SPAWN.

Mushroom spawn, very vigorous, gives extra large and heavy mushrooms. Paul Swanson, 2747 47th St., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NARCISSUS.

Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonies, assorted to color; White, Light Pink, Dark Pink, Scarlet, Red. Strong divided roots, $10.00 per 100.
Hall's Nurseries, Cherry Valley, Ill.

Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

HIGH-GRADE PAEONIES.
C. S. Harrison's Select Nursery, York, Neb.

PAEONIES—September shipments.
J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

Phoenix reclinata in tubs, 5 ft., $7.50 ea.; 6 ft., $10.00 ea. Kentias Forsteriana and Belmoreana in all sizes. Bobbink & Atkins, Rutherford, N. J.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

For sale, a good specimen plant of Phoenix tenuis, about 8 ft. high and 6 ft. across, for $25.00. W. T. Bell & Sons, Franklin, Pa.

Latonia barbonica, for growing on, fine, 3-in., $6.00 100. J. B. Heiss, Dayton, Ohio.

Kentias, good, 50c, 75c and $1.00 each.
L. H. Foster, 45 King St., Dorchester, Mass.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Zirngiebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirngiebel, Needham, Mass.

Pansy plants from the famous Jennings' strain of seed, ready Sept. 1, at $4.00 1000. E. B. Jennings, Southport, Conn.

PETUNIAS.

Single petunias, in bloom, 2¼-in., $2.00, 3-in. $3.00 100. Greene & Underhill, Watertown, N. Y.

Petuniaa, double and single, fringed, 2½-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

PRIMULAS.

Improved Chinese primroses, finest large-flowering fringed varieties, single and double, named or mixed, ready for 3-in., $2.00 100. Extras added. Cash. John F. Rupp, Shiremanstown, Pa.

Obconica Grandiflora, Alba and Rosea, and Baby Primroses (Forbesii), 2-in. pots, $2.00 per 100. Cash. Byer Bros., Chambersburg, Pa.

Single Chinese primroses, mixed and Forbesii, "Baby" at $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

PYRETHRUMS.

Pyrethrum, white and golden, 3-in., $4.00 100.
Greene & Underhill, Watertown, N. Y.

ROSES.

ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots:

	2½-in. Per. 100.	2½-in. Per. 1000.	3-in. Per. 100	3-in. Per. 1000.
American Beauties	$4.50	$40.00	$7.00	....
Golden Gate	3.50	32.00	....	....
White sport of Golden Gate	6.00	....	....	....
Maids	3.00	....	4.50	40.00
Brides	....	....	4.50	40.00
Meteors	....	....	4.50	40.00

Maids, 3½-in., $5.50 100, $50.00 1000.
POEHLMANN BROS. Co., Morton Grove, Ill.

Well-grown stock; clean and vigorous:

	100.	1000.
American Beauties, 3-inch	$6.00	$55.00
Perles, very nice, 3-inch	5.00	50.00
Golden Gates, 3-inch	5.00	50.00
Brides, 3-inch	5.00	45.00
Brides, strong, 2¼ by 3-inch	3.00	

SPECIAL. 3000 fine Meteors, strong, 3-in., $3.50 100; $30.00 1000. 250 at 1000 rate.
W. H. GULLETT & SONS, Lincoln, Ill.

Brides and Maids, 2-inch, $2.00 per 100; $18.00 per 1000. McAllister & Company, Batavia, Ill.

300 Brides, 2¼-in. ..... $2.00 per 100
300 Meteors, 2¼-in. ..... 2.00 per 100
100 Gates, 2¼-in. ..... 2.00 per 100
1000 Brides, 3-in., fine ..... 4.00 per 100
1000 Maids, 3-in., fine ..... 4.00 per 100
300 Meteors, 3-in., fine ..... 4.00 per 100
100 Gates, 3-in., fine ..... 4.00 per 100

This stock is first-class. We expected to plant it but find we have enough and this to spare. Cash with order.
CHAPIN BROS., Lincoln, Neb.

Roses for winter flowering. Fine, healthy stock from select cuttings.

Safrano,	Bon Silene,
Maid,	Papa Gontier,
Golden Gate,	Mme. Hoste,
Bride,	Kaiserin,

3-in., $7.00, 4-in. $10.00 per 100.
Sunrise and Liberty, 3-in., $9.00.
GRAFTED ROSES. Kaiserin and Golden Gate, 3½-in., $15.00 per 100.
J. L. DILLON, Bloomsburg, Pa.

SURPLUS ROSES. We have 600 Meteors, 2400 Brides, 85 Maids, 850 Beauties, 925 Liberties, 600 Golden Gates, 150 La France, 180 Siebrechts and 50 Souperts in 2 by 2½-inch pots; 275 Meteors, 875 Brides, 150 Maids, 1000 Kaiserins, 700 Perles, 1200 Beauties, 425 Golden Gates and 300 Siebrechts in 2½ by 3-inch pots; 475 Maids in 3 by 3-inch pots. For a bargain, write Geo. A. Kuhl, Pekin, Ill.

ROSES. Very good, strong, forcing roses from selected stock in good condition, in 3½-in. pots. 1500 Brides, 1500 Bridesmaids and 1000 Golden Gates at $5.00 per 100. This stock was grown for our own planting, but find we have too many. They are equal to any 4-in. stock and are a real bargain.
Wm. Roethke Floral Co., Saginaw, W. S., Mich.

Rose plants. 200 Brides, 200 Bridesmaids, 100 Golden Gate, 3-in. pots, $3.00 per 100. 100 Perles, 4-in. pots, $4.00 per 100. 1,000 Maids and Brides, 2½-in. pots, $2.00 per 100. Also a small lot of Meteors, 3-in. pots, $2.00 per 100. In perfectly healthy condition. Fostoria Floral Co., Fostoria, Ohio.

ROSE PLANTS—SPLENDID STOCK.
Golden Gates 3-in. ..... $5.00 per 100
Maids, 3-in. ..... 5.00 per 100
Brides, 3-in. ..... 5.00 per 100
Kaiserins, 3-in. ..... 7.00 per 100
Beauties, 3-in. ..... 8.00 per 100
A. C. BROWN, Springfield, Ill.

Young rose stock, cuttings from grafted plants. 3-inch Maids, Brides and Meteors, $5.00 per 100; $45.00 per 1000; 3¼-inch Maids, Brides and Meteors, $6.00 per 100; $55.00 per 1000. Cash with order. Send for sample. The F. R. Williams Co., Cleveland, O.

Roses from 4-in. pots, strong.
1000 Bridesmaids ..... $4.00 per 100
500 Brides ..... 4.00 per 100
1000 Perles ..... 4.00 per 100
Cash with order. R. Williamson, Weehawken P. O., North Bergen, N. J.

BRIDES and BRIDESMAIDS rose plants, repotted 3 times; elegant stock. 3-in. $5.00 100, $40.00 1,000; 3½-in. $6.00 100, $50.00 1,000. Cash with order. Brant & Noe, Forest Glen, Chicago.

ROSE BUDS. Leading varieties of Hybrid Perpetuals and Mosses. Price: $3.50 per 1000; $15.00 per 5000. Orders under $3.00 not acceptable. Huntsville Wholesale Nurseries, Huntsville, Ala.

SURPLUS ROSES—To close.
350 Brides, 2½-inch ..... 2 cents
150 Maids, 2½-inch ..... 2 cents
200 Maids, 3-inch ..... 3 cents
WM. B. SANDS, Lake Roland, Baltimore, Md.

ROSES, HEALTHY STOCK.
100 Maids, 4-inch $5.00
100 Brides, 4-inch 5.00
Cash. Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

900 Brides and Maids, 2½-in. $2.50 100
150 Brides and Maids, 4-in. 4.00 100
Make us an offer on the lot. Could use some Flora Hill carnations. Marion Floral Co., Marion, Ind.

Roses. 1000 Bridesmaid, 200 Meteor, 300 Kaiserin, good bushy plants in 3-in. pots, ready for shift, $5.00 per 100, $45.00 per 1000. J. J. Cummings, 1131 W. Baltimore St., Baltimore, Md.

Surplus Stock of forcing roses, in 2½-in. pots, carefully grown and intended for our own use. Kaiserin, Meteor and Aug. Guinesseau, $3.00 100. J. B. Heiss, Dayton, Ohio.

Roses from 3-in. pots, healthy plants—Am. Beauty, Bride, Maid, Wootton, La France and Golden Gate, cheap for CASH. Jos. Heinl, Jacksonville, Ill.

MANETTI stock. English, $12.00 1000; French, $10.00 1000. Special price on large quantities. Bobbink & Atkins, Rutherford, N. J.

Roses, Maids, Brides and Meteors, 4-in., fine, $6.00 100. Crabb & Hunter, Grand Rapids, Mich.

Roses. Bride and Bridesmaid, 3½ and 4-in. pots, $6.00 per 100. Write for price on larger quantities. F. C. Schweinfurth, Bronxville, N. Y.

Roses. Brides and Bridesmaids, 2½-in., $3.00 100. Meteors, 3-in., $3.50 100. Golden Gates and Kaiserins, 4-in., $8.00 100. Cash.
W. J. & M. S. VESEY, Fort Wayne, Ind.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Bride, Bridesmaids, Perle and Golden Gate roses, 4-in., $8.00 per 100.
Geo. L. Parker, Washington & Rockwell Sts., Boston, Mass.

SURPLUS STOCK. Brides and Maids, strong, 4-in. pots, 6c; 3-in. pots, 4c. Stock is strictly first-class.
JOY & SON CO., Nashville, Tenn.

Crimson Rambler, Geo. Jacqueminot, C. des Blanches, C. Soupert, etc., fine, clean plants, 9c. W. H. Salter, Rochester, N. Y.

Roses, strong and healthy. Perle, Bride, and Bridesmaid, $5.00 per 100, from 3½-in. pots. H. E. Wilson, Rochester, N. Y.

Golden Gate roses, fine plants, 3-in. pots, $4.00 per 100; $35.00 per 1000. Ruxton Floral and Nursery Co., Ruxton, Md.

Bride and Maid roses, 3-in., $3.00 per 100, $30.00 per 1000. Cash with order.
ALBERT F. AMLING, Maywood, Ill.

Roses. Brides and Maids, 2¼-in., $2.00 100, $18.00 1000. Cash with order.
Joseph Bradbury, South Orange, N. J.

Maquetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Rubber plants, large-leafed, red-ribbed variety, 1st size $20.00 100, $175.00 1000; 2nd size $15.00 100, $135.00 1000. Bobbink & Atkins, Rutherford, N. J.

Rubber plants, per doz.—12-in., $2.50; 18-in., $3.50; 18 to 24-in., $5.00; 24 to 30-in., $7.00; 30 to 36-in., $9.00. Joseph Heinl, Jacksonville, Ill.

Rubber plants, various sizes; prices on application. Ruxton Floral and Nursery Co., Ruxton, Md.

Top cuttings of Rubbers, 5 to 8 leaves, well rooted, out of 3-in. pots, $15.00 per 100.
A. C. OELSCHIG, Savannah, Ga.

SALVIAS.

Salvias, 2¼-in., $2.00 100. Greene & Underhill, Watertown, N. Y.

SEEDS.

Asparagus Sprengeri, 30c per 100; $2.00 per 1000.

Calceolaria hyb., mammoth flowers, tigered and spotted, per pkt., 25c.

Calceolaria rugosa (shrubby), per pkt., 25c.

Cineraria hyb., maxima grandifl., per pkt., 500 seeds, 25c; 5 pkts., $1.00.

Cineraria hyb., dwarf growing, per pkt., 500 seeds, 25c; pkts., $1.00.

Cyclamen persicum, giant flowers, separate white, rose, crimson, with red eye, best English strains, 10 seeds, 60c; 1000 seeds, $5.00; or mixed.

Primula Sinensis Fimbriata, in white, rose, blue, Chiswick red, white with yellow eye, 100 seeds, 25c; 1000 seeds, $1.75; mixed, 100 seeds, 20c; 1000 seeds, $1.50.

Pansies, Berger's Neverfail Mixture, made by ourselves, containing the choicest sorts, finest strain, all colors, 1000 seeds, 25c; 5000 seeds, $1.00; oz., $2.50. Any separate color desired—white, black, red, lilac, purple, violet, yellow, light or dark blue, rose, copper, bronze, four colors, 1000 seeds, 25c; 5000 seeds, $1.00. Same price for Bugnot, Odier, Cassier, Trimardeau or any named sort.
H. H. BERGER & CO., 47 Barclay St., New York.

Unrivaled strains from English specialists. Cineraria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Calceolaria, English Prize, giant flowering, mixed, 500 s., 25c; half trade pkt., 60c; trade pkt., $1.00. Primula (Chinese primrose), English Prize, fringed, mixed, 100 s., 25c; 500 s., $1.00; 1,000 s., $1.50. Primula Forbesii (Baby Primrose), rosy lilac, 100 s., 25c; 500 s., $1.00. Primula obconica grand., 100 s., 20c; 1,000 s., $1.50. Pansy, J. & S. Kingly collection, the finest strain of giant pansies now offered to the trade, 1,000 s., 30c; 2,000 s., 50c; 5,000 s., $1.00; per oz., $5.00.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Fresh double HOLLYHOCK seed, white, pink, red, black, maroon and yellow, 10c per pkt. Allegheny, 15c per pkt. One pkt. each of the 7 varieties for 50c. Harvey B. Snow, Camden, New York.

Giant Pansy seed, large-flowering varieties, 5000 seeds, $1.00; half pkt., 50c. Cinerarias, finest dwarf, 1000 seeds, 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Chinese primrose, finest grown, large-flowered, fringed, single and double, 15 var., mixed, 500 seeds, $1.00; half pkt., 50c. Daisy, double giant, white and rose, mixed or separate, 1000 seeds, 25c. Cash. A pkt. of new ever-blooming forget-me-not, "Constance," added to every order.
John F. Rupp, Shiremanstown, Pa.

CHRISTMAS FLOWERING SWEET PEA SEEDS Miss Fl. E. Denzer, large pure white flower, 1 pkt. (2 oz.), $1.50; 8 pkts. (1 lb.), $10.00; mailed free. ZVOLANEK'S CHRISTMAS, the well-known pink and white, 1 lb. $4.00. Both varieties, if sown first of September, will bloom in November and flower all winter until June. Mont Blanc (European), $2.00 lb., and all other select florists' sweet pea seed at low prices.
ANT. C. ZVOLANEK, Grand View, N. J.

Imperial Pansy. Finest Giant Flower in all shades and colors, oz., $2.00.; Pkt., 25 cts. Cryptomeria Japonica, the Japan Araucaria, 1000 seeds, $1.50; pkt., 25 cts. Primula chin. fimb. glob., in colors or mixed, pkt., 25 cts. Cineraria, by prize strains, pkt., 25c. Hollyhocks, Chat. prize strains, mixed, oz., $1.25; pkt., 25c. SHELLROAD GREENHOUSES, Grange P. O., Baltimore, Md.

PANSY SEEDS. The famous DIAMOND STRAIN. The best strain for florists, large size, perfect form, thick velvety petals, and greatest variety of rich and odd colors and markings. All varieties mixed; trade packet, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00. Cash with order.
PANSIES a SPECIALTY for over 25 years. L. W. GOODELL, Pansy Park, Dwight, Mass.

Pedigreed seed from Rosecroft Gardens. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Gold medal pansy. Mme. Perret, finest for cut flowers, won gold medal at Pan-American Exposition; the seed was supplied by me; same quality furnished; trade pkt. 50c, oz. $5.00. Giant Trimardeau, mixed, oz. $2.00. Other varieties at market prices.
BEAULIEU, Woodhaven, N. Y.

New crop PANSY seed of the famous JENNINGS' strain now ready. Finest mixed pkt. $1.00; ½ oz. $3.00; oz. $5.00. Separate colors, red, white, blue, yellow and black, 50c pkt. Cash. E. B. Jennings, Box 254, Southport, Conn.

Florists' Mignonette. FOTTLER'S ECLIPSE is the finest strain ever offered; immense spikes, very fragrant, and highly colored. Greenhouse-grown seed, $1.00 per trade pkt. of about 2000 seeds. Catalogue on application.
SCHLEGEL & FOTTLER CO., Boston, Mass.

Giant Mixed Pansy. New crop seed now ready. Trade pkt. $1.00, ½ oz. $2.00, 1 oz. $4.00. Pansy plants ready Sept. 1. Cash with order. John Lappe, Juniper Ave., Maspeth, L. I., N. Y. P. O. Box 17.

Pansy seed, new giant Mme. Perret, true stock, 50c trade pkt., $5.00 oz. Our choicest mixture of the best strains, 50c trade pkt., $1.25 ⅛ oz., $2.00 ¼ oz. Walter Mott Seed & Bulb Co., Jamestown, N. Y.

Seeds. Giant Prize cineraria, Calceolaria grandiflora and fringed Chinese primula, 50c pkt. Cyclamen giganteum, 100 seeds, 75c; 1000 seeds, $6.00. Pansy, superb mixture, $5.00 oz.
W. C. Beckert, Allegheny, Pa.

Pansy seed. Lehde's pansies are pronounced the finest on the Buffalo market; large size, varied and rich colors. New crop seed, ¼ oz., $1.00; oz., $3.00. J. G. Lehde, Forks, N. Y.

Cyclamen gig. seeds. Our own well-known strain. In separate colors, $7.00 per 1000 seeds, 75c per 100 seeds. Lehnig & Winnefeld, Hackensack, N. J.

New crop Palm, Dracaena and Eucalyptus seeds. Also Roemer's superb Prize Pansies. Chas. Winsel, 247 South Main St., Los Angeles, Cal.

PANSY SEED—New crop—My own saving—Every possible color, shade and marking—oz. $4.00; ¼ oz. $1.00.
FRANCIS BRILL, Hempstead, L. I., N. Y.

New pansy seed (1902), ¼ oz. $1.00. Burbank's Shasta daisy seed, 100 seeds, 50c. California Carnation Co., Loomis, Cal.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, ready in August, $4.00 oz. Jas. H. Cunningham, Delaware, O.

Zirngiebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirngiebel, Needham, Mass.

SMILAX.

SMILAX PLANTS. 1500 strong, bushy plants from 2½-in. pots, ready now, $2.50 per 100. Cash. H. P. Owen, Box 84, Toughkenamon, Pa.

We are HEADQUARTERS for SMILAX. Strictly first-class stock from 2¼-in. pots $1.25 100, $10.00 1000. Cash.
BUCKLEY PLANT CO., Springfield, Ill.

Smilax. Big, strong plants ready to run; they are fine and will surely please you. $1.50 100; $13.00 1000. C. Humfeld, Clay Center, Kan.

Smilax, 2-in., strong, bushy plants, $1.00 100, $9.00 1,000. Cash, please. Mail sample, 10c. R. Kilbourn, Clinton, N. Y.

Smilax plants, 1200 3-in., strong, bushy plants, $2.00 per 100; $15.00 for the 1200. Geo. Broadrup, Dayton, Ohio.

600 2½-in. extra strong smilax (cut back), $2.00 per 100. Cash with order. Chapin Bros., Lincoln, Neb.

Smilax, strong, bushy plants, 2 and 2½-in. A postal gets our prices. M. A. Barick, Seymour, Ind.

Fine smilax, cut back; 2-in., $2.00 per 100; $18.00 per 1000. Joseph Wood, Spring Valley, N. Y.

Smilax ready for benching; strong, 2½-in. $1.50 100, $12.50 1000. John Brod, Niles Center, Ill.

2000 smilax plants, strong 2½-in., $3.00 100. Murray The Florist, 403 Main St., Peoria, Ill.

Smilax, strong 2½-in. ready to bench, $2.00 per 100.
LEARNARD & SHIRLEY, Danvers, Mass.

Smilax, 2¼-in., bushy, $1.50 per 100. W. G. Kroeber, Tremont St., New Bedford, Mass.

Strong, heavy smilax in 2-in. pots, $1.00 100; $9.00 1,000. Randolph Bros., Delavan, Ill.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C. Eetscher, Canal Dover, O.

Smilax, 2-inch. $1.00 per 100. McAllister & Co., Batavia, Ill.

SMILAX, cut strings, good, $12.00 per 100.
EVENDEN BROS., Williamsport, Pa.

5000 smilax to close out cheap. Write
Geo. A. Kuhl, Pekin, Ill.

Smilax, strong, ready to shift, $1.00 100.
Wm. H. Woerner, Elwood, Ind.

Smilax, 2-in., strong, $1.50 100.
Albert M. Herr, Lancaster, Pa.

Smilax, 2-in., $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

STEVIAS.

Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Stevia, rooted cuttings from sand bed, 60c 100; 5c extra if by mail. Joseph Bradbury, South Orange, N. J.

Stevias, 2½-in., $20.00 1000; 3-in., $40.00 1000. Poehlmann Bros. Co., Morton Grove, Ill.

STRAWBERRY PLANTS.

Clyde and Warfield, most reliable sorts (immense croppers). Well-established young plants from pots, planted now and in August warranted to produce a full crop of the finest berries next spring. 50c per doz.; $3.00 per 100. F. A. Baller, Bloomington, Ill.

UMBRELLA PLANTS.

Umbrella plants. Fine, 3-in., $4.00 per 100.
W. W. Dedrick, Ashley, Ind.

VEGETABLE PLANTS.

CELERY PLANTS. STRONG TRANSPLANTED PLANTS $2.00 per 1000, 25c per 100. Liberal reduction on large lots. White, Giant Pascal, G. Self-Blanching, Golden Heart and Boston Market. Veitch's Autumn Giant cauliflower, $1.50 per 1000, 20c per 100. Cash, please. Sample by mail 10c. R. Kilbourn, Clinton, N. Y.

150,000 CELERY PLANTS, cultivated and strong. Giant Pascal, Schumacher, Winter Queen, Perf. Heartwell, Fin de Siecle, Michell's Far Superior and Golden Heart. $1.75 per 1000. Packed light.
HORACE RIMBY, Collegeville, Pa.
Plant grower for leading Phila. Seedsmen.

1,000,000 Celery plants for sale. Assorted, $1.50 per 1000; $12.50 in 10,000 lots. Boston Market, Giant Pascal, Golden Heart, White Plume, Golden Self Blanching. Cash with order. J. P. Cannata, Mt. Freedom, N. J.

Cabbage Plants—Burpee's All-Head, Fottler's Brunswick, Succession and All-Seasons, field-grown, 15c 100, $1.00 1,000. J. G. Lehde, Forks, N. Y.

VEGETABLE PLANTS—Continued.

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field-grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grand, Winter Queen and other varieties, 15c per 100; $1.00 per 1000.

If by mail add 10c per 100. Cash with order.
R. VINCENT, JR. & SON, White Marsh, Md.

CELERY PLANTS. All the leading varieties, good strong plants, lightly packed, and guaranteed at $1.50 per 1000. Large lots very cheap. Write us. G. Van Bochove & Bro., Kalamazoo, Mich.

100,000 first-class cabbage plants from field. Wakefield, Charleston, All Head, Winningstadt, Succession, Sure Head, Holland, Flat Dutch, $1.00 per 1000. Chase & Son, New London, Ohio.

3,000 Celery, Golden Self Blanching, White Plume, very strong, $4.00 per 1000. Warner & Hoffmann, Blue Point, L. I., N. Y.

Henderson's Snowball and selected Erfurt cauliflower, 2-in., 2c. W. H. Salter, Rochester, N. Y.

VERBENAS.

Mammoth verbenas, 2¼-in., $2.00; 3-in., $3.00; Lemon verbenas, 2-in., $2.00. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 3-in., $4.00; 3½-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

VINES.

Aristolochia sipho (Dutchman's pipe), 5-in., $5.00 doz. Wistaria chinensis, 7-in., $9.00 doz. Golden Honeysuckle, 7-in., $9.00 doz. Bobbink & Atkins, Rutherford, N. J.

Lophospermum, 2-in., $1.50 100. Cash. Geo. L. Miller, Newark, O.

VIOLETS.

Marie Louise violets, large, strong, healthy plants; worth double, but to make room offer at $10.00 1000; extra large plants, $14.00 1000; good strong plants from soil $7.00 1000. All No. 1 stock—your money back if not satisfactory. Cash, please. Wm. S. Herzog, Morris Plains, N. J.

Potted Violet Plants. A few thousand surplus 2½-inch Marie Louise and Farquhar plants, carefully grown for own use, in sterilized soil, and have been regularly fumigated. Selected stock at $2.00 per 100; $20.00 per 1000.
GEO. H. BENEDICT, Yorkville, N. Y.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
SWAN PETERSON FLORAL CO., Gibson City, Ill.

Marie Louise, Campbell and Swanley White, 2¼-in. strong, $3.00 100, or $25.00 1000. California from soil, $1.00 100. All fit to bench now. Cash. Benj. Connell, West Grove, Pa.

Marie Louise violet plants from stock that secured four prizes the past year. Inspection invited. Apply for prices. C. G. Velie & Son, Marlborough, N. Y.

Dorsett's single, 4-in., $15.00 100. Imperial, M. Louise and Swanley White, $2.75 100, $25.00 1000. Lady Campbell, $2.50 100, $22.50 1000.
Crabb & Hunter, Grand Rapids, Mich.

Violets. Healthy, well-rooted cuttings of Marie Louise, clean stock, $1.00 100, $8.00 1,000. Cash with order or C. O. D. H. C. Fellowa, Rhinebeck-on-Hudson, N. Y.

Violets. Marie Louise plants, large, vigorous, clean and healthy in every respect, $20.00 per 1000; $35.00 per 2000. Samples, 10 cents.
J. D. HILDRETH, Babylon, N. Y.

4,000 Marie Louise violets, ready for immediate shipment. Strong, healthy plants, from soil, $15.00 per 1000.
WARNER & HOFFMAN, Blue Point, L.I., N.Y.

Marie Louise violets, strong plants, February struck, healthy and free from disease, $10.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Imperial violets, the best double violet grown. Strong plants from 2-in. pots, $3.00 per 100, $25.00 per 1000.
Central Michigan Nursery, Kalamazoo, Mich.

Marie Louise violets, 2½-in., to make room, $2.00 per 100. Cash. Hull Floral Co., Morris, Ill.

MARIE LOUISE violets, fine healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

TO EXCHANGE.

To Exchange.—Zamia integrifolia (Florida sago palm), bbl. lots, 6c per lb.; Yucca aloifolia, Y. filamentosa, Y. rigida, $5.00 to $25.00 per 100, large specimens $1.00 each and up. Cash or exchange for bedding stock. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

To Exchange—2000 Bridesmaids and 250 Brides, 3-in. pots, in exchange for chrysanthemums or smilax. H. W. Wieland, Bucks Co., Newtown, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

WANTED.

WANTED—A few hundred small Boston Ferns from small pots or flats. Answer with price and sample plant. J. E. Jackson, Gainesville, Ga.

WANTED—A limited quantity of Egyptian onion sets. I. M. Brainard, Gouverneur, N. Y.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL

Fancy and Dagger ferns, $1.00 per 1,000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Millington, Mass.

Fancy ferns, $1.00 per 1000; discount on large orders. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

WE MAIL SAMPLES ON REQUEST.

PURE BONE MEAL for Greenhouses. The brand we are selling has no superior. It is pure bone, guaranteed free from acids, and is sold at as low rates as many inferior brands, which cannot be used with safety in greenhouse culture. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 1,000 lbs., $15.00; ton, $27.50.

PULVERIZED SHEEP MANURE.—The most effective of all fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have, we feel assured of their patronage. Price per sack of about 2 bushels, weighing 90 to 100 lbs., $1.50; 500 lbs., $5.00; ton, $15.00.

HORN SHAVINGS, 5 lbs., 40c; 10 lbs., 70c; 25 lbs., $1.00; 100 lbs., $3.50.
E. H. HUNT, 76 Wabash Ave., Chicago.

FLORISTS' BONE MEAL, a tried and tested brand, per sack (200 lbs.), $3.25; per ton, $28.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Bone meal, best for florists, 200 lb. bag, $3.50. A. M. Herr, Lancaster, Pa.

FLORAL DESIGNS.

Wax Flowers and Wax Floral Designs.
J. Steru, 1928 Germantown Ave., Phila., Pa.

GALAX LEAVES.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

Bronze galax leaves, $1.00 per 1000. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

GLASS, ETC.

Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 30 Sudbury St., Boston, Mass.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

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Hunt's TYPHOON BRAND. The best Hose for greenhouse use. It stands the wear of dragging and pulling around bench posts. Price low for quality. Three-quarter inch, 7-ply black:

50-foot	$ 7.50
100-foot	14.00
200-foot	26.50
300-foot	39.00

Cut to 25 ft. lengths if wanted. Fitted with either coupler, Acme or plain.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Mineralized Standard; best Hose made; ¾-in.; 3-ply, 7¾c. Mineralized Rubber Co., 18 Cliff St., New York.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigation or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Rose lice, red spider and mildew on rose bushes prevented by SULPHO-TOBACCO SOAP. Write for our special offer to florists.
LARKIN SOAP CO., Buffalo, N. Y.

To kill all greenhouse pests use NICOTICIDE. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

PAINT AND PUTTY.

GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

PLANT STAKES

BAMBOO PLANT STAKES for chrysanthemums, etc. Strong ⅜ to ½-inch, 4 to 6 feet, per 400 $2.50; per 1200 $6.00. Cash with order.
C. H. JOOSTEN, Importer, 178 Chambers St., New York.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Our Stock Will Please Your Customers.

WE HAVE A FINE AND LARGE STOCK OF

KENTIAS, LATANIAS, ARAUCARIAS, ASPIDISTRAS, FERNS, BAY TREES and Miscellaneous **Decorative Stock.**

COOL GROWN AND IN EXCELLENT CONDITION.

CATALOGUE ON APPLICATION.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Brieu Mfg. Co., 208 Jersey St., Harrison, N. J.

BUSINESS BRINGERS—
REVIEW Classified Advs.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

CINCINNATI.

The Market.

Business is much the same as in last week's report, but, in spite of the fact that we are in the midst of the summer dullness, and everything seems awfully quiet, there is more activity than is usual in the market at this time of year. Although prices are away down, quite a lot of stock is disposed of and the aggregate sales are not so bad.

Carnations are very scarce at present. You scarcely can find a white one that could be called fair, but to help matters out some, roses are in much better supply, there being quite a quantity of white ones also, and these can be substituted for white carnations in almost all cases. Prices are the same as quoted last week.

Some fine gladioli are coming in and sell well. If the growers would grow more of one variety the wholesaler could dispose of more of this kind of stock, as then he could make a show of one color instead of the many colors, and only one or two of a kind, as now. It would pay to discard the poorer varieties, keeping only three or four of the best, and then grow them in quantity.

Meeting of the Florists' Society.

The special meeting of the Cincinnati Florists' Society was held on Tuesday last. The principal business before the society was the formation of a schedule for the flower and plant shows to be given by the society in its club rooms during the winter months.

It was decided to give three exhibitions. The first on the second Saturday of November, to be devoted to chrysanthemums, cut blooms and plants. There will be a first, second and third prize in each class, and all prizes will be of sufficient value to well repay the grower for his trouble.

The second show will be the second Saturday in December, and will be devoted to carnations. Prizes will be awarded same as in the 'mum show.

The third and last show will be in January, on the second Saturday, and will be the rose exhibition. At this show there will also be a special prize for violets.

It was decided that the next meeting of the society will be a "social session," to which all florists, whether they are members of the society or not, are invited, and the ladies, too, were given a special invitation to be present. Refreshments will be served.

The object of this meeting is to arouse interest in the society among those who are not members. It is the duty of every broad-minded florist to help along the florists' societies in every manner in which he is able, and the very least he can do is to be a member. Perhaps he will derive no direct benefit, but the fact that he is benefited thereby indirectly is indisputable.

Final arrangements for the trip to Asheville will be made at the next meeting of the society. At present it looks as if there will not be many from this city. But I believe that when the crowd begins to arrive that many will hastily make up their minds and go with the party.

J. T. Herdigen of Aurora, Ind., has been quite sick, but is improving at present.

C. J. OHMER.

CINCINNATI TO ASHEVILLE.

Notice to florists attending the S. A. F. O. H. convention at Asheville, en route via Cincinnati: Diagrams of Pullman sleepers will be at the office of E. G. Gillett ten days before time of starting, where he will be pleased to make reservations for anyone desiring same. Arriving at Cincinnati, go to the Queen & Crescent office, corner Fourth and Race streets, where you can then get berths that were saved for you. Price of sleeper is $3 each way.

The fare from Cincinnati to Asheville is $12.36, or one fare for the round trip.

The Chicago delegation will arrive in Cincinnati on the morning of Aug. 18, and a special train made up here by the Q. & C. R. R. will leave at 2 p. m., taking supper at Sommerset, Ky., arriving at Asheville at about 8 a. m.

Mr. Gillett would like every florist tributary to Cincinnati to notify him as soon as possible if he will go, and how many there will be in his party. In this way it will give him more time to make necessary arrangements for the comfort of all.

C. J. OHMER.

Surplus Roses-to close

350 Brides, 2½-inch.....2c
200 Maids, 3-inch.....3c
150 Maids, 2½-inch.....2c

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

FLOWERS AT FUNERALS.

A subscriber in Amsterdam, N. Y., sends us the clippings reprinted below and says: "The clippings are from a recent issue of our morning paper, in the columns of which we are liberal advertisers. It is also worthy of note that the editor of this particular sheet is a frequent purchaser of floral arrangements. Evidently he feels the expense to be obligatory, and one that he would prefer to shun. But fortunately the largest percentage of demand for funeral flowers is from people of a superior order to that this party shows himself to belong to by his utterance in his editorial and (presumably) the follow up letter."

Following are the paragraphs referred to:

"Friends will kindly omit flowers." This request is printed in a funeral notice in another column. We do not desire to aim a shaft at the local florists, but we must insist that the craze of covering caskets with flowers, often by people who cannot afford it, has reached an alarming stage, and we are glad to find a family who puts up a barrier against the practice.

Mr. Editor:—I have noticed in the city press that a very sensible family desired that there should be no flowers at the funeral of the head of the family. This custom of filling houses of mourning with flowers has grown into an abuse—has become a sentimental practice which should be ignored in all good society. Flowers add nothing in ameliorating the pang of sorrow among the bereaved and in too many cases do not express any specially heartfelt regard to the memory of the dead and in as many cases cannot be afforded by the persons making these profuse and needless, if not senseless offerings.

H. M. B.

July 3, 1902.

IN Vol. XVI., No. 4, of the Journal of the Columbus (Ohio) Horticultural Society, Professor F. M. Webster reports the advent of the imported willow and poplar curculio west of the Allegheny mountains, it having been found by one of his assistants near Ashtabula, O. He gives a complete description of the pest, together with its history. It first appeared in America in 1882 in New Jersey. It promises to be a difficult enemy to combat.

SHAWNEE, O.—Robt. Jones reports that trade has been brisk until the past week. He also says the Review is all right.

B. & A. SPECIALTIES Dutch, French, Chinese and Japanese BULBS

English Manetti, $12.00 per 1000 French " 10.00 " } Special prices on large quantities.

BOBBINK & ATKINS, Ask for our SPECIAL WHOLESALE BULB LIST—NOW READY. RUTHERFORD, N. J.

Mention The Review when you write.

ST. PAUL.

The feature of the trade the past week has been the scarcity of white flowers. Carnations are becoming more scarce daily. Kaiserin roses are quite plentiful, but the unusual demand for funeral flowers has quite depleted the supply. City trade has been fairly good. Country business has been very good, indeed. Sweet peas are becoming plentiful and with the general paucity of other flowers sell quite readily. Asters of good quality are now coming in. Haugen & Swanson are bringing in a large number of extra fine blooms.

Tuesday, July 21st, is the day set for the Twin City Florists' picnic, Spring Park, on Lake Minnetonka, is the place and as a most complete program of sports has been arranged an enjoyable time is assured to all who attend. The committee in charge are O. J. Olson, of St. Paul, and Otto Will and C. F. Rice, of Minneapolis.

Gus Colberg, the genial head-salesman for L. L. May & Co.'s retail store, is enjoying a well-earned vacation.

X. Y. Z.

PIPING.

How many 2-inch pipes will be needed in a house 105x24 and 12 ft. to ridge? House runs east and west and is exposed to the north wind, as the ground is very high and there is nothing on the north side of the house to break the wind. I intend to heat with hot water. The middle benches will be used for carnations and the others for miscellaneous plants. House to average 60 degrees in zero weather.

J. A. B.

Answering the inquiry of J. A. B., if the house has glass on the roof and gable ends only, he will require not less than fifteen lines of 2-inch wrought iron pipes to maintain a night temperature of from 55 to 60 degrees on coldest nights. If, however, the house has also glass in the side wall, he will require not less than seventeen lines of 2-inch wrought iron pipes.

HENRY W. GIBBONS.

New York.

PLANTING CARNATIONS.

Mr. John Thorpe sends us a note in which he very heartily indorses the directions for planting given by Mr. Baur in our last issue.

A COPY of the proceedings of the first annual meeting of the Iowa Park and Forestry Association, held at Des Moines, December 10 and 11, 1901, has reached us. It contains many interesting essays and discussions on same, and is freely illustrated. The association is evidently doing good work. L. H. Pammel, Ames, Ia., is secretary.

SALT LAKE CITY, UTAH.—At the meeting of the Salt Lake Florists' Society, held July 12, eleven new members were elected. It was unanimously voted to have a florists' outing at an early date.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.50	3.60	....
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	....
" " strong	8	26 to 30	7 to 10	1.50	18.00	....
Asparagus Sprengeri	2				.50	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Plu. Nanus	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6.00	....
Pandanus Veitchii	5			1.00	12.00	....
" "	6			1.50	18.00	....
" "	7			2.50	30.00	....
" "	8			3.50	42.00	....
" Utilis	4			.25	3.00	....
Nephrolepsis Bostoniensis	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	....
" "	8				12.00	....
" "	9				18.00	....
" "	10				24.00	....

Assorted Ferns, for fern dishes, 2-inch pots..... 3.00

Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

Mention The Review when you write.

PRIMROSES!

IMPROVED CHINESE. Finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-inch pots, $2.00 per 100. Extras added.

GIANT PANSY SEED.

The best large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50 cts.

CINERARIA. Finest dwarf, 1000 seeds 50 cts.

CALCEOLARIA. Dwarf, large-flowering, tigered and spotted, fine, 1000 seeds, 50 cts.

CHINESE PRIMROSE. Finest grown, large-flowering, fringed, single and double, 15 varieties, mxd., 500 seeds, $1.00; half-pkt., 50 cts.

DAISY. Double Giant white and rose, mixed or separate, 1000 seeds, 25 cts.

Cash. A packet of the new ever-blooming forget-me-not "Constance" added to every seed order.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L. I.

Mention The Review when you write.

ALL THE BEST CARNATIONS

Orders Booked Now for Fall Delivery.

SEND FOR PRICES.

Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

PANSY

NEW GIANT--Mme. Perret

The Prize Strain, exhibited at the Pan-American Exposition, true stock, 50c per trade packet; $5.00 per ounce.

Our Choicest Mixture of the best strains procurable, 50c per trade packet; $1.25 per ¼ ounce; $2.00 per ¼ ounce.

WALTER MOTT SEED & BULB CO.,

JAMESTOWN, N. Y.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Smilax!

Strong plants, 2½-in. pots, ready for benching, $1.50 per 100; $12.50 per 1000.

JOHN BROD, Niles Center, Ill.

Mention The Review when you write.

FIELD-GROWN

Carnation Plants!

FOR IMMEDIATE PLANTING.

FRANCES JOOST, ETHEL CROCKER, FLORA HILL, G. H CRANE.

Send for samples and prices.

JOHN WOLF, - Savannah, Ga.

Always mention the Florists' Review when writing advertisers.

Dreer's Special Offer .....of Araucarias.

We have in stock about twelve thousand Araucarias, on which we are in a position to offer special values. It will pay you to procure your next winter's supply now and not only gain the benefit of the summer's growth but also cheap transportation rates, as these plants can be safely shipped by fast freight during the summer months.

ARAUCARIA EXCELSA.

4-inch pots,	5 to 7 inches high,	2	tiers		$0.35	each
5 " "	8 to 10 " "	3	"		.50	"
6 " "	10 to 15 " "	3 to 4	"		.75	"
6 " "	16 " "	4	"		1.00	"
6 " "	20 " "	4 to 5	"		1.25	"
7 " "	24 " "	4 to 5	"		1.50	"

ARAUCARIA EXCELSA GLAUCA.

5-inch pots,	8 to 10 inches high,	2	tiers		$0.75	each
6 " "	12 " "	2 to 3	"		1.00	"
6 " "	15 " "	3	"		1.25	"
7 " "	18 " "	4	"		1.50	"

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3	tiers	$1.25	each
6 " "	12 " "	3	"	1.50	"

HENRY A. DREER, 714 Chestnut Street, **Philadelphia, Pa.**

Geraniums!

The following strictly high grade varieties **true to name.** All from 2½-inch pots:

Jean Viaud (the pink novelty), $3.00 per 100. **Duchess of Orleans** (the variegated wonder), $3.00 per 100. S. A. Nutt, Beaute Poitevine, Francis Perkins, E. G. Hill, Mme. Bruant, Mme. Jaulin, Athlete, L. P. Morton, Thos. Meehan, Kellway, and others, $2.00 per 100; $18.00 per 1000.

Smilax!

We are headquarters for **SMILAX.** Strictly first-class stock from 2¼-inch pots $1.25 per 100; $10.00 per 1000. Any quantity. Cash with order.

The W. T. Buckley Plant Co.,
SPRINGFIELD, ILL.

Cut Flower Boxes

WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable, handy.** To try them once is to use them always.

DON'T USE OLD STORE BOXES.

If you have any doubt, send for samples, which speak for themselves.

Size No. 1.	3x4½x16.	$1.75	per 100;	$15.00 per 1000
" No. 2.	3x6x18.	2.00	"	18.00 "
" No. 3.	4x8x18.	2.40	"	22.00 "
" No. 4.	3x6x20.	2.75	"	25.00 "
" No. 5.	4x8x22.	3.00	"	28.00 "
" No. 6.	4x8x28.	3.75	"	35.00 "

The Livingston Seed Co., Columbus, O.
Box 104.

CHAS. WINSEL, Successor to Brose-Fleur Seed and Plant Co.
SEEDSMAN,
247 S. Main St., LOS ANGELES, CAL.

SEEDS, NEW CROP! Phoenix Canariensis, Seaforthia elegans, Corypha australis, Erythea edulis, Dracaena indivisa, Eucalyptus and Acacia seeds. Roemer's superb prize pansies.

Write for Price List.

Mention The Review when you write.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 40t.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.

Low Priced. Samples Free.

DAN'L B. LONG, Publisher, **Buffalo.**

Mention The Review when you write.

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING, L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen Mfg. Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. THORNE.

LA FAYETTE, IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support.

Yours truly,
F. DORNER & SONS CO.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO.
208 Jersey Street,
HARRISON, - NEW JERSEY.

Mention The Review when you write.

FANCY or DAGGER FERNS 75c per 1000; Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Discount on ferns and laurel in large quantities.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.,
Grower of
ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and **LATANIA BORBONICA**

Price List for the asking.

Mention The Review when you write.

THEODOSIA B. SHEPHERD CO.

(Successor to MRS. THEODOSIA B. SHEPHERD.)

Offer Climbing Nasturtium

JUPITER
King of Nasturtiums

Mrs. Shepherd's **Great Novelty. A Glorious Flower,** distinct from all others; color, rich glowing yellow. Perfect, round form, immense size. **Three and one-half inches in diameter. Petals exquisitely crinkled.** Like lovely crepe. Plant is a robust climber, with splendid large foliage. Splendid bloomer. Long-stemmed flowers, fine for cutting.

JUPITER will be offered in all the leading catalogues in this country and Europe as the greatest novelty for 1903. Send in your orders early for autumn delivery. Strong plants, **$2.00** per doz., prepaid: seeds **$3.00** per lb.; 5 lbs., **$2.75** per lb.; 10 lbs. and over, **$2.50** per lb. Life-size photo with every order of 5 lbs. of seed.

Theodosia B. Shepherd Co.
Ventura-by-the-Sea, Cal.

Mention The Review when you write.

PANSIES. The Jennings Strain.

New Crop Seed Now Ready.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:

"The largest and finest colored flowers we have ever seen."

I grow only pansy seed and plants, and only the finest. Plants ready Sept. 1 at $1.00 per 1000. Finest Mixed, pkt., $1.00; ½-oz., $3.00; 1-oz., $5.00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

E. B JENNINGS, Lock Box 254, **Southport, Conn.**

GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

CHAS. D. BALL,

GROWER .....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

ERIE, PA.

A heavy hailstorm passed over this city about 3 a. m. July 17 and broke a large amount of glass, the florists naturally suffering the most.

The Schluraff Floral Co. had over 1,500 lights broken and a loss of nearly $500.

S. Alfred Baur had about 700 lights broken and a loss of $100.

Clark & Robb's damage was $100; that of E. C. Hill was $75; John Trost lost about $200; Leonard A. Spoden about the same; John M. Hoeppner and H. Tong lost about $100 each; F. H. Hermann's damage will run over $200.

Ernest Neuberger's houses suffered most severely of any, nearly every light being broken, and the loss estimated at nearly $500.

The only greenhouse that escaped damage were those of John Laver, the hail there being small.

Many of the hailstones were very large and were rough, in fact more like broken chunks of ice than hail. Wherever these large stones fell they went through glass as though it were paper.

TOLEDO, O.

Krueger Bros., who are over on the East Side, have just finished two houses, each 24x100 feet.

E. A. Kuhnke, on Holland street, is hustling along a new house, 32x100 feet, and is also putting in a new steam boiler.

Out on the West Side, George Beyer is rushing, as fast as the rainy weather will permit, the work on four houses, each 375 feet long. They are the Dietsch patent construction and a 70 H. P. steam boiler and a 90-foot smoke stack will take care of the heating. All the walls are of concrete, and when finished this will be the best built range in the neighborhood.

At Auburndale, Wohler Bros. are about to put in a new 50 H. P. steam boiler.

Charles Moebins, in West Toledo, is busy with a house, 36x150 feet, for vegetables.

Everybody reports business as being good. T. O.

PITTSBURG.

Mr. H. B. Beatty, treasurer of the Society of American Florists, who has of late years been interested in the development of gas and oil companies in and near this city, has effected an organization in which nine large companies are merged, with a total capital issue of $7,180,000, and he has been elected president and manager of the amalgamated companies. This makes him a most powerful factor in the field. The several companies with which he has been connected have all prospered exceedingly under his management and the daily papers of the city pay tribute to his great skill as an organizer and in turning properties of doubtful value into dividend payers.

Mr. Beatty, though of late devoting so much time and attention to these large interests, still holds his connection with the Oakwood Rose Gardens at Oil City.

Niles, Cal.—The Pacific Horticultural Society, 200 strong, visited Niles July 6 as the guests of John Rock of the California Nursery Co. They took dinner under the big trees in the nursery grounds and later inspected the trees and shrubs in the nursery.

Roses for Winter Blooming.

Fine healthy stock from selected cuttings.

BRIDES, MAIDS, KAISERIN, BON SILENE, MME. HOSTE, SAFRANO, PAPA GONTIER, GOLDEN GATES, 3-in. pots, $7.00 per 100; 4-in. pots, $10.00 per 100.

SUNRISE, LIBERTY, 3-in. pots, $9.00 per 100.

Grafted Roses--Kaiserin, Golden Gates, 3½-in. pots, $15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

CHRYSANTHEMUMS.

We can still furnish the following varieties from 2½-in. pots. Thrifty young plants, well established, ready for immediate shipment. Our selection of standard varieties, early, mid-season and late, $20 00 per 1000; $2.00 per 100. Reduction from List on large orders.

WHITE.	100	YELLOW.	100
T. Eaton	$4.00	Liberty	$4.00
Ivory	3.00	Eclipse	4.00
Willow Brook	3 00	Modesto	3.00
Nellie Pocket	4.00	E. Dailledouze	3.00
Polly Rose	3.00	H. A. Parr	2.50
Niveus	3.00	Major Bonnaffon	3.00
Mayflower	3.00	Nagoya	3.00
Geo. S. Kalb	2.50	**PINK.**	
M. Monarch	2.50	Orizaba	$6.00
M. J. Jones	3.00	Mary Hill	4.00
Queen	3.00	Lady Playfair	2.50
Mrs. H. Weeks	3.00	Xeno	3.00
Wm. H. Chadwick	4.00	Maud Dean	4.00
Mdlle. Lucie Faure	3.00	Yanariva	6.00
YELLOW.		V.-Morel	4.00
Col. D. Appleton	$4.00	Adele	3.00
Philadelphia	5.00	Lady Harriett	4.00
Robt. Halliday	3 00	J. K. Shaw	3.00
Golden Wedding	4.00	Glory of the Pacific, red and bronze	3.00
R. H. Pearson	6.00	G. W. Childs	4.00
Yellow Mayflower	3.00	Intensity	4.00
Mrs. E. D. Smith	4.00	John Pockett	6.00
October Sunshine	3.00	Lady Anglesly	4.00
Mrs. J. Whildin	2.50		

H. WEBER & SONS, OAKLAND, MD.

Mention The Review when you write.

Roses to Plant!

Well-grown stock, clean and vigorous.

	100	1000
Am. Beauties, 3-inch, special price to close out	$6.00	$55.00
Perles, very nice, 3-inch	5.00	50.00
Golden Gate, 3-inch	5.00	50.00
Brides, 3-inch	5.00	45.00
" 2¼ by 3-inch, strong	3.00	

Special on 3000 fine Meteors

$30.00 per 1000; $3.50 per 100; all strong 3-inch. Thousand rate allowed on 250.

W. H. GULLETT & SONS, LINCOLN, ILL.

Mention The Review when you write.

SURPLUS STOCK of FORCING ROSES

ANo. 1 Stock in 2½-inch Pots.

Kaiserin, $3.00 per 100. Meteor, $3.00 per 100. Aug. Guinesseau, $3.00 per 100.

This stock is carefully grown and was inlended for our own use.

Latania Borbonica, for growing on, 3-inch pots, fine plants, $6.00 per 100.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

Mention The Review when you write.

Galvanized Wire Rose Stakes and Tying Wires.

Also Model Extension Carnation Supports.

PROMPT SHIPMENT GUARANTEED.

IGOE BROS.

226 N. 9th Street, - BROOKLYN, N. Y.

Mention The Review when you write.

Revised List of ROSES on hand JULY 22, 1902, at

Geo. A. Kuhl's,

PEKIN, ILL. Write him.

	2 by 2½-in.	2½ by 3-in.	3 by 3-in.
Meteors	650	275	
Brides	2400	875	
Maids	850	150	475
Kaiserins		1000	
Perles		700	
Beauties	850	1200	
Liberties	925		
Golden Gates	600	425	
La France	150		
Belle Siebrecht	180	300	
Souperts	50		

Mention The Review when you write.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-pots. No better stock than this can be had at any price. We offer them at $5.00 per 100; $45.00 per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

ROSE PLANTS.

Bride, 3-in., $5.00 per 100; $40.00 per 1000. 3½-in., $6.00 per 100; $50 00 per 1000.

Bridesmaid, 3-in., $5.00 per 100; $40.00 per 1000 3½-in., $6.00 per 100; $50.00 per 1000

Repotted three times. Elegant stock. Unknown parties cash with order.

BRANT & NOE -- Forest Glen -- CHICAGO.

Mention The Review when you write.

NEW PANSY SEED

1902, ¼-oz., $1.00.

Burbanks' Shasta Daisy Seed, 100 seeds, 50c.

Burbanks' Shasta Daisy Plants, $15 per 100

CALIFORNIA CARNATION CO.

LOOMIS, CAL.

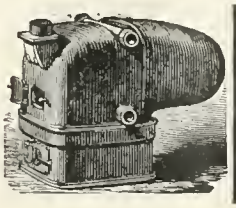
Mention The Review when you write.

YOU OUGHT TO TRY

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants We pack them light and careful at $3.75 per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.



HITCHINGS & CO.

233 MERCER ST., NEW YORK.

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus

Send Four Cents for Catalogue.

Mention The Review when you write.

SOCIETY OF

AMERICAN FLORISTS'

NATIONAL CONVENTION

AUGUST 19-22, 1902

ASHEVILLE, NORTH CAROLINA

For this convention the **"Big Four Route" (C. C. C. & St. L. Ry.)** will sell tickets August 16, 17 and 18—good for return leaving Asheville not later than August 25, at one fare ($20.00) for the round trip from Chicago, with like reduced rate from all **"Big Four"** stations.

Florists' special train will leave Chicago 8:30 P. M. Sunday, August 17 running via **"Big Four"** to Cincinnati, thence via the Queen & Crescent and Southern Railways. Monday forenoon will be spent in Cincinnati sight-seeing, etc., leaving there 2 P. M. on the Florists' special. Every florist should make a big effort to attend this convention, the first to be held in the beautiful Southland.

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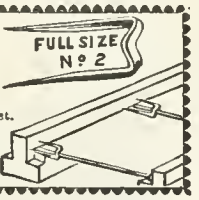

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

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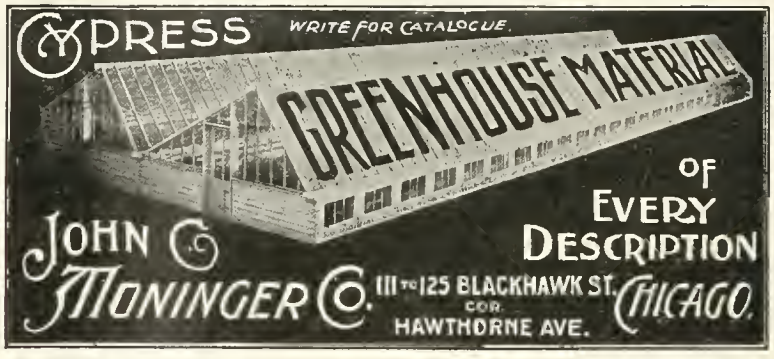

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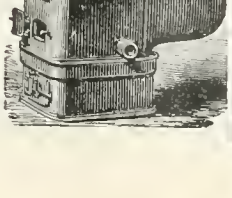

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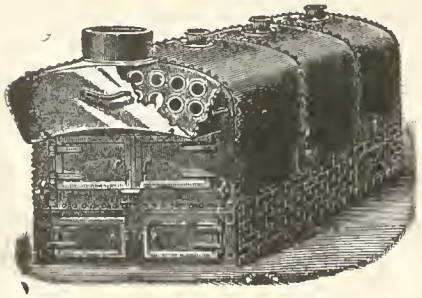

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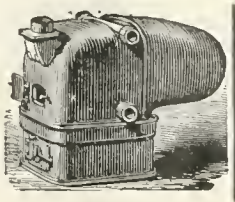

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M.
261
Jamaica Plain

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Vol. X. CHICAGO AND NEW YORK, JULY 31, 1902. No. 244.

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PANSIES. Berger's Neverfail Mixture, made by **ourselves,** containing **the choicest sorts, finest strain, all colors,** 1000 seeds, 25 cts.; 5000 seeds, $1.00; oz., $2.50. Any separate color desired—white, black, red, lilac, purple, violet, yellow, light or dark blue, rose, copper, bronze, four colors, 1000 seeds, 25 cts.; 5000 seeds, $1.00.
Same price for Bugnot, Odier, Cassier, Trimardeau or any named sort.

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CARNATIONS

from the Field. Strong, Healthy Plants.

$30 Prosperity, 200 Lorna, $10.00 per 100.

3500 Lawson,	2000 Joost,	300 Marquis,
2000 Crane,	1000 Maceo,	200 Norway,
4000 W. Cloud,	700 Lord,	350 Flora Hill,
4500 Triumph,	150 Irene,	2000 Glacier.

1000 Morning Glory,
First size, $8.00 per 100; second size, $5.00 per 100.

ROSES—Brides and Bridesmaids, 2½-inch, $2.00 per 10. Meteor, 3-inch, $3.50 per 100 Golden Gate and Kaiserin, 4-inch, $8.00 per 100.
Cash or C. O. D.

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Mention The Review when you write.

THE RETAIL FLORIST.....

Plants.

This is the time of the year when growers must give much time and thought to the preparation of stock for next season's trade. Variety is a necessity of course but there are several degrees of variety. The grower with either a small or large area of glass cannot afford to devote much, if any, of his bench room to unprofitable stock, particularly cripples and unattractive pets. The man with a local trade can often use up lots of plants the city buyer would refuse, but there is more fame and profit in doing a few things well than in doing many poorly.

Some growers argue that buyers like to go where all their wants can be supplied, which is quite true, but buyers will and must go where they can get the best, and they are not going to buy inferior plants because it is more convenient. The New York florists who cater to the very wealthy are compelled to get the best despite trouble or price, and they must needs go to Philadelphia for some of their stock. And these are not rare plants, but just ordinary varieties grown to exceptional quality. It is quality that counts and the grower who makes his place famous for any one thing well done has a most valuable asset. In these days one needs to go first where quality is and it is not so plentiful as many imagine.

It is to be always remembered that the plant trade in these United States is merely in its infancy. There will always be a great and continually increasing demand for well grown plants that will stand the ordinary amateur's method of keeping. And it must further be considered that the greater use of electricity as a substitute for gas permits greater longevity in the old varieties while encouraging the use of the tender plants it is impossible to keep in houses where gas is used.

By September or October there will be inquiry as to who has the best plants, even if the season is very late, and it is becoming later every year because the wealthy American is becoming fonder of country life. The store florist must needs have a showing of plants in his store, for it is the old story of the "early bird." And here is the kind of stock he needs at the season's start: Good Boston ferns in 6-inch pots, 8 and 10-inch pans and one or two in larger pots. Pans are preferable and the ferns grow best in them. Branching Ficus elastica. Pandanus Veitchii. Aspidistra (green and variegated.) Dracæna Lindenii or Massangeana and a few D. terminalis. Kentias Belmoreana and Forsteriana. Areca lutescens, Latania borbonica and a few Livistona rotundifolia. That is all he needs to start with, and he can even dispense with some of the above. As the season advances there is a call for more variety and larger sizes.

In ferns the great trouble is that most growers imagine that Pteris serrulata is all that is required to fill a fern dish. It requires from 12 to 18 ferns to fill the ordinary dish and variety is essential.

Of course there is an endless variety of ferns and small plants suitable for fern dishes, but they are not all profitable to grow, and yet a grower must not consider the individual cost or value of a plant, for often plants must be valued in the light of a necessary adjunct. A half-dozen of a quick-growing or less expensive kind can be used in the same dish, but it is necessary to have one or two of the slow-growing sorts there to add variety, and variety in this case is value. It is, of course, very desirable, but not absolutely necessary, to have an extended list.

These which are most wanted for center plants are Pandanus Veitchi and P. utilis, small kentias, Cocos Weddeliana, Dracæna gracilis and Cyperus alternifolius. Then, in ferns, Aspidium tensemense, Cyrtomium falcatum, any variety of small adiantum, though A. capillus-veneris or A. rhodophyllum types are best, Onychium japonicum, Pteris cretica albo-lineata and Pteris serrulata and cristata, with Selaginella Emiliana, S. densa and the most beautiful of all, S. Vogelii. Renica carnea variegata is excellent, and Carex japonica variegata is almost indispensable.

With the above list you can please the most critical at all times. Of course there is attractiveness in extended variety, and the additions may consist of Pteris ensiformis, P. Victoriæ, P. densa, Adiantum cuneatum, A. Bellum, A. gracillimum, A. Farleyense, A. Cunninghamii, in fact most of the adiantums, but they are mainly useful for cutting or in large sizes. Cuneatum and Farleyense continue to be the most popular kinds. Then there are Davallia hispida, D. pallida, Gymnogramme chrysophylla, Lastrea chrysolora, Doryopteris var., Aspidium hirtipes, Nephrodium Shepherdii, Pellea viridis, P. falcata, Doodia media, D. candata and small, graceful, highly colored crotons and marantas.

The above are all good in their places, which may range from the smallest dish to the largest vase or basket for table decoration. Then, of course, there will always be a steady demand for large specimen Pteris tremula, the Boston fern, Microlepia hirta cristata, Cibotium Scheidei, and we are pleased to see the old favorite Nephrolepis davallioides furcans again to the front, adorning many of the New York store windows this summer. It keeps better than the Boston fern and people have seen so much of the latter that a little change for variety's sake is welcome. We would like to see more of this type of fern grown in hanging baskets. Those who have conservatories to fill or have extensive decorations to do the coming winter could do worse than have some nephrolepis grown specially this way for them. The same is applicable to Asparagus Sprengeri, and we forgot to say that small plants of Asparagus tenuissimus are excellent for fern dishes. They keep a long time and that variety is the best of all for fine

Asters in a Japanese Jar

Comet Asters in Orobe Vase.

Yellow Asters in a Japanese Jar.

work. A. plumosus is the best for decorative purposes, but it is too dull in color to put with the choicest blooms.

In addition to the above and the usual list of palms there are such plants as Araucaria excelsa, Cycas revolnta, a few bright or extra good dracænas, such as D. fragrans, which are good for filling up, D. Bausei, D. Rothiana, and above all D. terminalis. Many of the plants will need to be made up into groups this year, because that style is in growing demand. Don't wait till late to get your plants arranged. Start now. And the best help to all plant life is cleanliness. In another note we will discuss flowering and berried plants. IVERA.

ASTERS.

The engravings of asters in this issue are a continuation of the series that appeared last week. We feel sure these will be found equally interesting. The descriptive matter printed last week applies to these pictures also.

MISCELLANEOUS SEASONABLE HINTS.

Propagating.

There is very little propagating to do just now. There is no need of it, and conditions are most unfavorable. A few exceptions are noted. Flats of alternantheras, particularly of the best one, paronychioides major, can now be rooted. They will be strong little plants if put in the flats at once, and can remain out of doors for almost a month after being rooted. They will then be in excellent order to pass through the dark days in any place that is not too cold if they are kept quite dry.

Begonias.

Any flowering begonias that you are short of can be increased now. All begonias, except perhaps the tuberous section, delight in hot weather and root freely in sand now without any bottom heat. I am afraid to say much about that pretty plant, Gloire de Lorraine, because we have not grown it well this summer. I did not boss the job, and perhaps if I had things would be no better. If they once start to grow it is easy work, but they too often hang fire and remain rusty, stunted things. If growing freely they can be propagated from small shoots for another month and make nice little plants. It is not alone as a single plant that these are sold; we want them in various sizes. Many trays and center pieces are made entirely of this plant, and for that you want small as well as good-sized plants.

A little shade is needed during the bright, hot days, and plenty of ventilation, or the growth will be weak and soft. Here is where the correct system of shading would be of such inestimable value. Oh! for the man that will invent a shade that we can apply to plants like begonias and cyclamen and hundreds of others from 10 a. m. to 4 p. m. and dispense with it during the other hours and entirely on rainy and dull days. Why, it would be beneficial even to our roses and carnations to temper the sun's rays for a few hours in the scorching days of July and August. There are several ways of doing this in a small way: Laths nailed on a frame an inch apart, or cheese cloth tacked on a frame and made a convenient size to lift off and on, will do for small batches in a very small house or frame, but what the commercial florist wants is something that can be used in large houses and that is not too expensive. A fortune awaits the man who invents some method to this end.

Chrysanthemums.

We usually put in a good batch of chrysanthemum cuttings early in August of those varieties that make good pans. They root well enough during any week of summer if kept well shaded the first two weeks and constantly saturated. Once allowed to get dry in the sand will hurt them seriously. It is only a very limited number of varieties that are suitable for this purpose—dwarf healthy but free growers. Ivory has yet no equal in white, and old Lincoln for yellow is not surpassed. It is not quite safe to take the rooted cuttings from the sand and put them in the 8, 9 or 10-inch pans, because one plant will be more vigorous than others, and you will have an uneven, ragged-looking pan. We prefer to pot them for a week or two and as soon as they start to grow freely select plants of equal strength for each pan.

Poinsettias.

We keep propagating the poinsettia up to the middle of August. They root freely any month of the summer. Don't let them wilt in the sand. The single plant of poinsettia is no longer favored; in fact our customers don't want them, and for this they can't be blamed, having once seen an 8, 9 or 10-inch pan well grown and flowered. To keep the plants dwarf with good green foliage and bracts of six or seven inches across are what you are looking for. Cuttings put in even at the end of August will make the ideal plants for the purpose. The remark I made about selecting plants of equal strength of chrysanthemums is truer still with the poinsettia. After being potted two weeks you can then sort them pretty well. Remember, although these tropical plants want shade while in the sand and for a few days after being potted, they want nothing but the brightest and lightest position after that. Shade of any kind after that would be ruin to them, for they are nothing if not dwarf and stout.

Ferns.

Are you well supplied with a good stock of young ferns for your jardiniere trade this winter? The business of raising the young seedling ferns is a specialty with a good many firms and now is the time to buy a good stock. Quite small plants, even from the flats, will make good plants in 2½-inch pots by October, and that is when you begin to use them. If you depend on buying a few hundred at a time during winter you will pay more for them and get poorer stock. A good, ordinary loam, even if it is a little stiff, with a fifth or sixth of rotted manure, will grow any of our commercial ferns; moderate shade and plenty of top ventilation is what will prepare these little plants for future use. Get a good supply at once.

Violets.

There was in these columns some months ago a most able series of articles written on violet culture. It was most complete, and the author knew what he was talking about. Many of us know "about it," but do we follow it up? Sometimes there is an excuse for neglect, or seems to be. But really I suppose there is no excuse. If all hands are building, then more hands should be got for gardening.

Now, about this time the small, black, dirty aphis will appear on the violets whether you have them planted in the beds or still in pots or in the field. There is more failure of violets from the work of this brute than all other causes, and if they are allowed to have possession of the plants up to November, you may about as well throw them out. The plants are now small, and if given a good dusting with tobacco every week you will assuredly keep the aphis away. A very sensible and successful grower told me in conversation recently that he did not like to apply the dust when the leaves were wet. Let the foliage get dry after watering, then dust them and let it remain till the next watering. Last November by two applications of the hydrocyanic acid gas, half the regular strength, and by keeping the ventilators closed all night, I killed the black wretches dead: but tobacco dust will do first-rate this time of the year and is much more easily applied. Don't trust to the rubbish you get from your local cigar maker, but get the genuine article from the manufacturer in New York.

WILLIAM SCOTT.

CARNATION NOTES.

Right now while you are planting your carnation houses you have a great many things to think about, such as the temperature each variety wants, how tall it will grow, etc. But there is another thing you should take into consideration and that is this: I never knew a grower yet who did not run short of room during the spring months when his young stock needs potting just before planting out can be done, and those who grow a line of bedding plants find themselves even more cramped as the potting up and spreading out goes on.

Now, there are varieties that you must have during mid-winter but which you can do without after about April 1st and in fact some of them are almost worthless after May 1st, while there are other varieties that with proper care will remain in fine condition right up to the middle of July. These last mentioned varieties should be planted where they will be as cool as possible when warm weather sets in, for instance on the

north side of a house or in the house that has the best ventilation, in fact, as I said before, the most favorable place you have for carnation growing during hot weather.

The others will do well on any bench that has enough head room, and those you can spare first should be planted on the benches that are best suited for whatever you wish to put in their place

Pink-and-White Jewell Aster in an Awaji Jar.

next spring. You should know by this time just about what you are going to grow in your houses next season and you can arrange for it in time if you give it your attention early enough. If you intend growing a lot of plants just for cuttings, plant them on a south side bench where they will be near the glass and get plenty of light, and next spring when you want room for your young stock that will be the best place you can find.

We still sometimes hear growers advocating the plan of planting a few plants of each variety just to propagate from instead of taking the cuttings from the blooming stock. We could never see where any benefit could be derived but we do think a great deal of harm could be derived from it. The idea is to keep them cool and growing along slowly and thereby securing a well matured sturdy cutting. That is all right, but how many of you will keep them cool and growing slowly when by giving them a few more degrees of heat you can get double as many cuttings which will apparently be just as good and I don't know but what they are if they are not kept warmer than the blooming stock.

I could never understand where you can get a better plant to propagate from than a plant that is in good growing condition and producing a high quality of blooms. In using the cuttings from your blooming stock you are likely to have plenty to select from, while in the other case you will feel that you must take every cutting that is of fair quality because the number is necessarily limited. In taking them from the blooming plants you also take your cuttings from the plants that show the best health and blooming qualities.

If you wish to follow the above mentioned method of planting some plants just for propagating it would be advisable to go over your carnation patch and mark a number of plants that show extra good vitality and health so you will not plant what is left after the blooming benches are filled.

If you have not yet begun to plant let me remind you again that all your carnations should be housed by Aug. 20 at the latest. A. F. J. Baur.

CARNATION TEMPERATURES.

Replying to L. A. G. the best temperatures for the varieties he names are as follows:

White Cloud	50 degrees
Flora Hill	55 degrees
Jubilee	52 degrees
G. H. Crane	52 degrees
Mrs. Joost	52 degrees
Mrs. Bradt	52 degrees
Wm. Scott	54 degrees
Mrs. Lawson	56 degrees
Daybreak	50 degrees
America	52 degrees
Prosperity	52 degrees
Marquis	50 degrees
E. Crocker	56 degrees

White Cloud, Scott and Crocker, on account of their length, should have center benches, while Mrs. Lawson and Daybreak should have a north bench where the sun does not strike them with full force in the spring. The other varieties will do equally well on center or side benches provided they have plenty of head room. There should be at least two feet of space between the soil and the glass where they are the closest, and three feet is not too much when the plants make a vigorous growth toward spring. You must always bear in mind that the bloom is at the top of the stem and is the first to be injured when there is not sufficient head room, so give them room at the top.

A. F. J. Baur.

ROSES.

Seasonable Hints.

Those houses which were planted early (March or April) should now be giving a good cut. To improve the quality and keep them up to size during this exhaustive weather, a light mulch three-quarters of an inch thick should be applied. A sprinkling of bone meal added will give firmer stem and better quality of foliage and bloom. This should be renewed every three or four weeks as by reason of the heavy waterings needed at this season it soon becomes exhausted. After the mulch has been on for a couple of weeks an application of weak manure water once a week will strengthen them wonderfully. This will also apply to Meteors which are being carried over for a second season.

It is now time to look to those benches of Brides, Bridesmaids, etc., which are intended to do work a second season. If a cut from them is not particularly needed at present, they should be allowed to dry off gradually, taking care not to allow them to approach wilting, and using the syringe often enough to keep down spider. After giving them a partial rest for three weeks, all the small blind wood should be carefully cut out and the longer stems trimmed back. By bending them down and tying them in that position they will break readily from the base and give a good crop of wood for fall blooming. Resume watering gradually, increasing the quantity as the plants develop more foliage. Keep the house rather close and moist for the first week till the eyes show signs of breaking, when more air can be given gradually as the fresh leaves begin to expand. Ribes.

DISEASED ROSES.

We send samples of diseased rose leaves. Please tell us what it is and prescribe a cure. Have no mildew and we think we have given the plants the best of care. Not all the leaves are affected. J. A. S.

This is one of those innumerable and

Jewell Aster in a Japanese Jar.

minute fungi which live and thrive in a moist and stagnant atmosphere, particularly where the drainage is deficient. While clogging the pores, it does not attack the leaf tissue. J. A. S. need apprehend no real trouble from this.

Run the benches dry for some time, give plenty of ventilation and syringe early enough in the afternoon to give the foliage time to thoroughly dry before sundown. A dusting of flowers of sul-

phur once a week, applied on bright days, will also be of benefit. If the plants are otherwise healthy they will soon outgrow this trouble. RIBES.

SOCIETY OF AMERICAN FLORISTS.

The program for the convention to be held at Asheville, N. C., Aug. 19 to 22, has been issued. The meetings and exhibition will be held in the Asheville Auditorium, the exhibits occupying the stage and the right and left wings of the main hall.

The opening session at 3 p. m. Tuesday, will be devoted to an address of welcome by Mr. A. S. Barnard on behalf of the city of Asheville and the Board of Trade, the annual address of the President and reports of Secretary, Treasurer, State Vice Presidents, committees and other officials of the society. The judges will examine and prepare their reports upon the trade exhibits on Tuesday afternoon. The President's reception will be held in the parlor of the Battery Park Hotel on Tuesday evening.

On Wednesday morning following the reports of the judges there will be discussions upon the following subjects: "The Needs of the Commercial Florist in the North," opened by F. R. Mathison, Waltham, Mass.; "Remarks on the Bulb Situation," by Wm. R. Smith, Botanic Garden, Washington, D. C.; "Possibilities in Bulb Culture in the South," opened by Prof. W. F. Massey, Raleigh, N. C. The location of the next place of meeting and the nomination of officers for next year will take place at this session.

The bowling contest will take place Wednesday afternoon. Entries should be made with Robert Halliday, 11 E. Baltimore st., Baltimore, Md.

Wednesday evening will be devoted to a lecture with stereopticon views, by J. K. M. L. Farquhar, of Boston, illustrating the methods followed by foreign growers and dealers in the cultivation and shipment of bulbs for the American trade.

The subject for discussion on Thursday morning will be "Marketing Cut Flowers." The wholesale phase of the subject will be treated by Edgar Sanders, Chicago, and the retail division by Geo. W. Wienhoeber, Chicago.

The election of officers will follow, and action on the proposed changes in the constitution and by-laws.

On Thursday afternoon the meetings of the Hail Association, Chrysanthemum Society of America and the American Carnation Society will be held. The shooting contest will also take place Thursday afternoon.

Thursday evening addresses will be made on The Proposed Appalachian Forest Reserve, by Dr. C. P. Ambler, Asheville, and The Humorous Side of the Florists' Business, by J. D. Carmody, Evansville, Ind.

On Friday morning the visitors will be entertained with a ride to Overlook Mountain, on invitation of the Idlewild Floral Co., of Asheville, and in the afternoon Biltmore, the famed estate of Mr. George W. Vanderbilt, will be open by special invitation to the society. The drive through the extensive estate will be provided by the Asheville Board of Trade.

Displays for the trade exhibit should be shipped in care of Ernest Kirstein, Asheville, N. C., charges prepaid.

The following hotels are recommended as convenient and desirable at rates as quoted, American plan:

Battery Park, $3.00 to $4.00 per day.
Swannanoa, $2.50 to $3.00 per day.
Berkeley, $2.00 to $3.00 per day.
The Manor, $2.00 to $3.00 per day.
Glen Rock, $2.00 per day.
The Oaks, $1.40 per day.

There are a number of smaller hotels at $1.00 per day and upwards.

Anyone who has not received a copy of the program may obtain one by addressing Wm. J. Stewart, Secretary, 79 Milk st., Boston, Mass.

The secretary has issued the following announcement:

It is most desirable that members should express their preference as to the selection of the local vice-presidents to represent their respective States for the coming year. It is the duty of each State vice-president (or in his absence some one who represents him) to call together the members present from his State at the convention for the purpose of electing a vice-president. If this is not attended to it devolves upon the president to make the appointment according to his best judgment and if such appointment should be not entirely satisfactory the responsibility rests solely with those who failed to attend to the duty at the proper time.

ST. LOUIS.

The Market.

Business conditions remain about the same, with the demand still fair for first-class stock. Funeral work has been quite plentiful and some of the dealers report some large orders for big designs. This kind of work is all that is looked for at this time of the year. In other kinds of work the florist business is at a standstill. The bulk of the stock that comes in now is sweet peas, asters, gladioli and a big lot of second quality roses.

The prices on this stuff are low and the man with a big job can make some money, as stock can be bought very low in big lots. Roses are quoted from $1 to $4, with Kaiserins in the lead at $4. Brides and Maids are very poor at $2. Reds and Perles are still scarce. Carnations are very poor with a slow demand, except whites. $1 to $1.50 is the price.

Asters are improving in quality and some very fine ones are seen every day at the wholesale market, but there are more for which $1 per 100 is hard to get. The largest call is for white and purple.

Peas are very plentiful and are of good color but short-stemmed; 20 cents per 100 is all they bring.

Gladioli are a great glut and can hardly be disposed of at any price. Some very fair smilax can be had at 15 cents per string.

Florists' Picnic.

On last Thursday, the 24th, the St. Louis florists enjoyed the best outing ever held by the club. Most of the craft left early in the morning for the grounds, but quite a few came in the afternoon, making in all about 100 florists and their friends. The band was one of the features of the day and the music, the singing and the dancing were enjoyed by all.

The fun started at 2 p. m. with a game of ball between Tesson's team and a team of florists. Rain interfered after the second inning, with the score standing: Tesson, 11; Florists, 0. Charlie Kuehn and Frank Ellis lost the game after two men were out. Both ran into a corn field after a fly ball and lost it. After this the Tessons piled up eleven runs. Dr. A. S. Halstedt was the umpire. After the refreshing rain had stopped, the little girls' race was run. This was won by Miss Ammann, and Miss Gutzman got second prize. The married ladies' race was won by Mrs. J. W. Dunford, and Mrs. F. M. Ellis came in second. The young boys' race was won by Mr. Carrick's boy, and young Cuendt came in second. In the 100-yard dash for young men Mr. W. Hurt won first prize and Oscar Kuehn, second. A race was made up of growers, in which Fred Ammann won first prize and E. W. Guy came in second.

After this the event of the afternoon was pulled off—the tug of war, captained by Fred Ammann and J. W. Dunford. After a hard pull which lasted fifteen minutes, Ammann's team won the prize of fifty very fine cigars, which the winners very generously divided with the losers.

After supper the ladies' bowling contest began. There were twenty entries. Owing to the large number only seven frames were rolled and the following scores were made:

Mrs. Klaus	81	Mrs. Adels	30
Mrs. F. C. Weber	65	Mrs. Beneke	29
Miss Dora Weber	54	Mrs. Guy	28
Mrs. Pilcher	50	Mrs Schuette	27
Mrs. Paules	49	Mrs. Kuehn	26
Mrs. Ellis	45	Mrs. Outly	25
Miss L. Meinhardt	41	Miss Mohr	24
Miss Gusosky	37	Miss Bokern	21
Miss M. Meinhardt	31	Mrs. Steidle	21

Mrs. Klaus won first prize and Mrs. F. C. Weber, second prize.

In the gentleman's bowling contest there were fifteen entries. E. W. Guy won first prize with 166, and J. J. Beneke second with 126. Only seven frames were rolled. The other scores were:

F. C. Weber	117	F. Weber, Jr.	75
C. Britshoe	117	Fillmore	75
Kuehn	102	Herman Weber	70
Adels	102	Oscar Kuehn	62
Frow	94	Pilcher	57
Kindler	79		

This ended the programme of sports and the rest of the evening the younger folks spent in dancing and boating. At 10 o'clock everybody was ready for the trip home.

Great credit must be given the trustees, Messrs. Mohr, Ammann and Adels, for the very able manner in which they handled the outing. This was the expression of all the members and their friends, and all say it was the best picnic yet given by the club.

Echoes of the Picnic.

R. F. Tesson and R. J. Mohr were known as the long and short of it.

George Windler and Walter Sanders were always surrounded by young ladies and never missed a dance.

Eddie Gerlach and George Augermuller never left the dancing pavillion.

C. C. Sanders and Theo. Miller were looked for but never came.

Fred Ammann brought his whole family from Edwardsville and went back with two prizes. Fred says he was born lucky.

Fred Meinhardt had his hands full taking care of his mother, wife and three sisters.

Alderman Halstedt and wife, of Belleville, looked happy watching the young folks enjoying themselves.

Frank Fillmore and his wife, who never miss an outing given by the club, came with a number of friends.

A Group at the picnic of the St. Louis Florists' Club.
(Photo by Oscar C. Kuehn.)

Frank Ellis and Charlie Kuehn locked up and brought out their whole families and had a good time.

J. W. Dunford (our next president) came all the way from Central with his family. His next door neighbor, John Steidle, with his family, was also seen enjoying himself.

E. W. Guy, Adolph Fehr, Gus Grossart and Henry Emundt, of Belleville, were on hand, accompanied by their families. They will never miss another picnic by the club, so they say.

Fred Weber and his family came early and had a good time. Miss Dora Weber and Charlie Britshoe came as their guests. Fred, Jr., and Herman Weber came in time to enjoy a pleasant evening.

Rudolph Mohr had his mother and sister come all the way from Omaha to attend the picnic.

Will Adels brought three ladies, and between attending to his duty as trustee and pleasing the ladies, had his hands full.

Otto Koenig came alone and looked lost, but says he had a good time with old acquaintances.

Max Herzog, Dick Frow, Frank Gutzman and Fred Gobel were talking over old times. They were all accompanied by their wives.

Mr. Pilcher and his wife were the only ones from Kirkwood. They enjoyed the sports very much.

Oscar Kuehn and Miss Bokern were out for an afternoon's fun and they had it.

World's Fair Notes.

The World's Fair directors report that the Horticultural Palace will be 1,000 feet long and 5,000 feet wide. The building will be erected on the wooded hill to the south of the Agricultural Palace. The whole hillside where it slopes down to the Agricultural Palace will be treated in the highest form of landscape art. South of the Horticultural Palace and immediately adjoining has been reserved for an extensive outside horticultural display.

The H. G. Berning baseball team, made up of employes and outside florists, will play a game with the R. F. Tesson ball team Sunday afternoon on the latter's grounds. There is considerable betting on the result, and each team is training hard for the battle. The result will be given later.

Bowling.

At the bowling club only eight men were on hand when the bowling started and two teams were made up of four on a side. Weber and Ellison were captains, Ellison's side winning two games out of the three played. Kuehn, being in excellent form, won the championship for July from Weber by 28 pins. The following is the score:

Ellison's Tm.	1st.	2nd.	3rd.	Total.	Ave.
Kuehn	207	205	159	571	190 1-3
Sanders	176	177	135	488	162 2-3
Miller	149	162	183	494	164 2-3
Ellison	133	148	189	470	156 2-3
Totals	665	692	666	2023	168 7-12

Weber's Tm.	1st.	2nd.	3rd.	Total.	Ave.
Weber	169	177	153	490	163 1-3
Sturtz	183	164	182	529	176 1-3
Beneke	166	173	156	495	165
Meyer	162	171	165	498	166
Totals	731	685	656	2012	167 2-3

This ended the July series, with Kuehn as champion, with an average in twelve games of 176 4-12; Weber, 174; Beneke, 167 8-12; Sturtz, 167 2-12; Meyer, 163 6-12; Ellison, 160 8-12; Miller, 154.

J. J. B.

BOSTON.

Trade Conditions.

This chapter could be made as short as the famous one concerning the snakes of Ireland, except that its reliability might be more questioned, because there is some little floral traffic here. But we are handling all of it easily, but the October-like weather keeps everything so scarce that there is no waste of material. Kaiserins and new American Beauties are coming in more freely than last week, which keeps the rose question up to the mark; sweet peas and pinks just about hold their pace and asters are quite rapidly increasing, so that price upon the latter is melting a bit.

It is said, "No one knows what a day may bring forth," but almost any florist can make a broad guess as to what a very few days of summer sunshine will bring forth just now, especially in the matter of sweet peas and asters. But as yet there is hardly a sunny sign in this the strangest of July months.

News and Rumors.

There is the usual amount of summer repairs going on, more noticeable at Sutherland's than elsewhere, with the exception of Carbone's, already noted. W. E. Doyle is occupying his new store on Beacon street.

Naturally there is much anxious comment and inquiry concerning the coal situation. With ordinary success in growing there is none too much margin in growing the "smiles of nature" now, and when the heavy coal bill looks in a fair way to be doubled for the coming winter, it is small wonder many glass farmers look aghast.

D. Iliffe, the popular pipefitter to the Park street market, is rejuvenating Paul Richwagen's, R. Montgomery's and Sutermeister's heating apparatus and installing new boilers with his special fittings for Thomas Capers. It is an ill wind that blows nobody any good, and what is chaff to the florist is wheat to Piper Dan.

Fellows Bros., of Hyde Park, Mass., and Bristol, N. H., have dissolved partnership, L. H., of Hyde Park, continuing the business at that place and the brother building two large new houses at Saugus.

J. Newman & Sons are also quite heavily rebuilding at Winchester.

The Brimstone Corners seem to be

right angles all right. They went out and did up the Natick Wabans again very deftly, 18 to 14.

This time blood was shed and one scalp lifted. Sam Beck was hit in the eye by a hot ball and knocked into a hospital a mile away, where at last accounts he was doing very nicely.

The generally accepted theory is that his nationality made him think he saw three balls coming and was too long deciding which one to catch! A high ball in the eye tastes worse than one in the mouth, but may not be more dangerous.

J. S. Manter.

PHILADELPHIA.

Death of President Burton's Son.

The sad death of President Burton's third son, John Burton, Jr., has cast a gloom over the entire florieultural world. John Burton, Jr., was canoeing on the Delaware river last week with his older brother, Alfred. The young men were going to join their family at the Delaware water gap, when near Lackawaxen the canoe was upset. Both brothers swam well, but the younger, who was 22 years old, was drowned. Mere words cannot express the feelings of deep sympathy which every member of our profession feels for Mr. and Mrs. Burton in their terrible loss.

The Market.

Beauties and Meteors are in active demand, but with a moderate supply coming in. Kaiserins and asters are very plentiful, the latter moving fairly. Carnations are, as a rule, rather poor. A few field-grown flowers are seen. Business generally is quiet.

For Asheville.

John Westcott, Robert Kift and G. C. Watson, forming the transportation committee of the Philadelphia Florists' Club, announce that this city's delegates to the national society's convention at Asheville will leave Broad street station on Monday, August 18, at 12:29 p. m., arriving in Asheville early the following morning.

Instructions to those who intend going: Notify G. C. Watson, 211 S. Juniper street, Philadelphia, how many sleeping car berths you will require, price $3 each. Purchase a ten-day excursion ticket for Washington before starting, price $6 each. An agent of the Southern Railroad will be on the train to arrange details of the trip from Washington to Asheville. The fare for this part of the trip will be $14.95 for each excursion ticket.

Marketing Cut Flowers.

The market scheme is meeting with considerable encouragement. A number of the leading retailers are for it. An informal meeting has been called to talk over the matter.

The Finest Place in America.

A cordial invitation to visit the Dreer place, at Riverton (aptly described as above), signed by the man who has made that place famous, is a pleasure indeed. You will not wonder that the invitation was promptly accepted, and two countrymen crossed the Delaware one bright July afternoon for an outing over in Jersey.

The first spot visited at the new scene was the site of the new range of glass soon to be erected. The houses, twelve in number, are to be Dietsch pattern, 150 feet long by 13 feet, 10 inches wide, even span, 10 feet high at the ridge and 6 feet, 6 inches high at the gutters, open clear through, virtually making one house, 150x166 feet, in twelve sections. These houses will be devoted entirely to azaleas this season. They will have neither tables nor beds. The plants are to be set right on the ground in blocks. This range will be a great convenience, as no space will have to be cleared in the other houses for the newly imported stock next fall. The old azalea houses are now being utilized for palms.

The next place visited was a tract of sixty-five acres of ground on the east side of the railroad entirely new to us. This tract contains a lot of low, swampy ground, part of which was drained last winter and planted with Japanese irises. The irises have thriven on this low land and present a fine appearance. On every side evidence is seen of the increasing popularity of hardy perennials. The quantity of hardy phlox grown will be enormously increased, reaching to something like 90,000, a startling number even in these days of large quantities.

A curiosity was a row of pæonies in flower at this time, more than six weeks after they are usually done blooming. The explanation is very interesting. The demand for pæonies comes chiefly after they have started into active growth. The young shoots are easily injured in shipping and the buyers are disappointed. Last fall a lot of pæonies were lifted and packed in dry sand in boxes, 100 in the box. These boxes were sent to a cold storage warehouse and kept there some seven months until needed in May. The results were excellent. It is some of these plants that we saw in bloom. The flowers the first season after lifting do not generally amount to much. A great bed of pæonies that had not been disturbed flowered at Decoration Day. The blooms went to half a dozen Eastern markets and sold well. It would not have been possible to time them better.

Hollyhocks are a source of pleasure instead of worry. Skill and brains have, it is believed, mastered the disease and plenty of stock seems assured.

Cannas are looking well. A great many are planted out. Some of the latest Crozy introductions are of special interest. They are on trial. Two plants warmly recommended to florists for summer cut flowers are Tritoma Pfitzeri, useful for decorative effects, and Stokesia cyana, a pretty blue flower. A large patch of English ivy was planted out. The space devoted to petunias, a specialty here, was a fine sight; every plant full of excellent blooms. An interesting fact mentioned is that the best petunia plants always come from the weakest seedlings. The commoner and single varieties make strong seedlings, while the choice varieties are the weaklings, sometimes overlooked or carelessly thrown away.

Azalea Bernhard Andreas alba, carried over plants, were making superb growth in this Belgian weather, planted out in pure peat in cheese cloth covered frames. A promising looking lot of Latania Borbonica was planted out in the same way, not, of course, in pure peat. They were from 3-inch pots and will be ready for 6-inch by fall.

In the houses the kentias, about half each of the two leading varieties, were in fine condition. The firm's collector of kentia seed on the Lord Howe Islands has advised them that the price of kentia seed will probably advance next season, as the Government intends controlling the exportation of these seeds. It is thought their policy will be to force higher prices by restricting the output.

It has been decided to postpone sending out Pandanus Sanderi from January next, as previously announced, until November, 1903, the idea being to work up a good stock so as to offer the plants at popular prices. The little 3-inch plant of this novelty brought over in January, 1901, is now in an 8-inch pot, measuring thirty-two inches in height, with a breadth of forty-eight inches. The stock is increasing fast and looks well.

Now the writer gives way to a better man, and asks you to fancy yourself wandering among the water lily ponds and snuffing the Victoria Regia with the genial Father Neptune himself. Wm. Trieker, while he tells of his aquatics.

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The following water lilies were included in the unique collection in the Court of Cypresses, Pan-American Exposition, 1901, the grandest ever seen. While many of them are of French origin, none exceed the American varieties.

Nymphaea arethusa. One of the newest introductions, also one of the best of the hardy group. Flowers brilliant crimson. American origin.

N. Andreana. Flowers cup shaped, dull dark red with bright orange stamens; very attractive; medium size.

N. Aurora. As the name implies, color fiery yellow. On opening the flower is yellow, shaded red, changing to deep red; medium size.

N. Chrysantha. Somewhat similar in color to N. Aurora, but of different build and shape; also medium size.

N. Ellisiana. This is a very choice nymphaea, in high esteem in Europe and will be in America when sufficiently known; flowers bright purplish carmine.

N. gloriosa. A superb water lily and ranks with the best of the hybrid lilies, possessing every good quality; color, deep carmine rose.

N. lucida. A distinct and beautiful variety; rosy vermillion with darker center.

N. Marliacea rubra-punctata. This in the near future will become a standard variety; flowers, deep rosy purple, spotted or sanded carmine; free flowering.

N. James Brydon. This variety heads the list of American and French hybrids; distinct in color, of largest size, very floriferous, vigorous and in every way desirable; the only hybrid water lily awarded a silver medal; color, a rich rosy crimson; American origin.

N. Wm. Falconer. The largest and most brilliant dark hardy water lily in cultivation; American origin.

N. Wm. Doogue. A magnificent lily of chaste and delicate coloring, beautifully cup shaped, and of a pleasing shell pink in color; a symmetrical and distinct flower of great substance; American origin.

Bowling.

G. C. Watson defeated George Craig in rolling off the tie for sixth place on the Asheville team by 22 pins in three games. Pretty close! Mr. Craig will be

first substitute. The regular team of seven was unexpectedly downed by the unsuccessful competitors, seven in number, by 122 in a three-game contest at Horticultural Hall. Well! Well! The regulars were minus Starkey, playing an outsider in his place. They led by 70 pins at the end of the second game, but the irregulars made a phenomenal finish, winning the third game by 198 pins, or 122 net lead. The regulars are going to have another try and great sport is expected. PHIL.

CHICAGO.

The Market.

Conditions have changed but little from last week. Demand is very good for the season and there is none too much stock of fair grade. Beauties and Meteors are especially scarce and poor. On teas the rate ranges from $3 to $4 for what is classed as good, with some selects reaching $5, but a lot of them are sold at $1 to $2. In carnations the best whites reach $2 but the range is generally $1 to $1.50 and some go below the dollar mark. Asters are coming in quite freely now. On select goods the range is $1 to $1.50, the white ones leading in price. No outdoor carnations seem to have been received yet.

Sweet peas are still very poor in quality, as was to have been expected in view of the continuation of the rains. Gladioli are arriving in large quantities and move very slowly. The whites and light shades go best and the selects in these shades sometimes reach $3 to $4 per 100. Others sell at $1 to $2, and it is very difficult to sell mixed colors. The buyers insist on having the colors separate. Water lilies are coming in and sell readily at $1 per 100.

Various Items.

The autumn exhibition of the Chrysanthemum Society of America and of the Horticultural Society of Chicago will be held jointly in the Art Institute of Chicago, November 11th to 15th inclusive.

The annual picnic of the Chicago Florists' Club will be held at Bergman's Grove, Tuesday, Aug. 12th. There will be prize races and other entertainment in addition to bowling and boat riding and a game of base ball between the wholesalers and retailers. Take Metropolitan elevated (Garfield Park line) to end station and La Grange cars to grove. As many as possible will meet at Randolph and Wabash and start from there at 10:30 a. m. Contributions of prizes are solicited by the committee.

R. Q. Gwynn, formerly of Nyack, N. Y., is starting into the nursery and landscaping business at Glen View.

J. and E. Kalisch, secretary and manager of Wm. Kalisch & Sons, St. Louis, are spending a week visiting the trade in the city and vicinity. They will also visit points in Wisconsin and Michigan, making a three to four weeks' trip in all.

C. M. Dickinson has returned from his eastern trip looking well and hearty.

Henry Payne, the green goods man, is going on a fishing trip. It is rumored that he will put a large hook on the end of a string of smilax.

The rains are still frequent but not so steady and continuous as previously. The exact amount of damage to carnations in the field can not be accurately determined until the work of filling the houses is undertaken, but it is certainly heavy in some cases.

At a meeting of the Executive Committee of the Horticultural Society last Saturday afternoon action was taken resulting in the change of the date for the annual exhibition from the first to the second week in November.

Mr. J. W. Hanford, Carbondale, Ill., was a visitor this week.

J. Austin Shaw has returned to New York, calling at Detroit, Cleveland and Buffalo on the way.

CINCINNATI.

The Market.

Last week proved, in more respects than one, that summer business this year is going to be away above the average of other years.

The general supply of stock keeps just about the same, the majority of it being of very fair quality. Roses from the new stock are beginning to come in, but are very short stemmed, and, as a rule, are hard to dispose of, except in white, which go well for funeral work.

A few good carnations are still to be had, but not nearly enough to go around, especially in white. Some field-grown are to be seen, but the frequent rains spoiled the greater part of them, especially the white, which are spotted badly.

Asters are rapidly making a place for themselves, and as there are not too many of them as yet, they sell well. Prospects are that there will be a very large supply of these flowers later as they seem to be doing remarkably well this year.

Notes.

Mr. J. T. Conger has been on the sick list but is able to be about again.

Large funerals brought several out-of-town florists to this city to buy during the past week. Mr. C. P. Dieterich, of Marysville, Ky., had four large funerals at once, and he had about all he could do.

Mr. Weltz, of Wilmington, O., was also a caller, looking for cut stock for a funeral.

Annual Outing.

July 24th, the day of our annual outing, proved to be all that could be desired as to weather. Some 300 florists journeyed to Norwood Park, and when the day was over all were very tired, but were unanimous in saying that they had had a fine time. The outing committee kept things rolling from the start to the finish and all events went off without a hitch.

The greatest event of the day was the ball game in the morning between the young florists. For amateur players there was some first-class playing. And the victors, headed by Heller, had all they could do to win, the score being 7 to 6. A feature of the game was the catching of Lew Murphy and the pitching of R. Witterstaetter.

The foot race for young ladies was very exciting, as there were over fifteen entries.

Many were disappointed in that the ball game for the old florists was not played owing to the lack of time.

Mr. Jas. O'Malley deserves the prize for the fat man's race, for, although he did not run, he was the only one who was ready to go. The others were careful not to show themselves when that race was due.

All in all, the picnic was a success and the committee is to be congratulated on its good work.

C. J. OHMER.

NEW YORK.

Nothing disturbs the serene quietness of summer except the tolling for the dead. That is, looking at things from behind the florist's counter; of course there are other view points. For instance, some few of the craft are on the way to Europe, and quite an army of the boys and girls are away 'mong the mountains or at the sea.

There promises to be many changes this fall, all, we hope, for the better. Willie Hanft is out from Thomas Young's. Some boys are leaving Broadway to adorn other stores, but we'll speak of that later.

We were out to South Orange 'tother day and met several good people there. Mr. Hemming, from Meehan's nurseries was after rarebits in the way of herbaceous plants. Mr. Adolfsen, Superintendent for Spencer Trask, Saratoga, was spending a few dollars on old favorite plants, and Mr. Wm. Craig, of Philadelphia, was buying all the rare and new plants he could see. It's always a great pleasure to meet a man like William. He is one of a cycle of young men who have a brilliant future before them and know how to meet it.

We regret to learn that Mr. Robert Craig is not very well. He has been spending a few weeks with Mr. John N. May and others along the Jersey coast. Mr. W. A. Manda, of course, was up to the neck in priceless little bits of novelties. He reports an unprecedentedly busy season.

Everybody is talking about Pierson's new fern. All are anxious to get it and we hear of some big orders being placed for it by the most critical of our buyers.

The first shipment of Harrisii looks very good and the bulb men report good trade in them.

Walter Sheridan is busy putting a hopeful tint of paint on his store, and John Raynor is considering an extension to his already large store.

Coal—that's the word. There is a vast amount of anxiety among growers as to coal. This is the usual time for filling up the bunkers, but no dealer can supply, or even quote prices, and with the cold, damp nights soon to be, and even now, it's a mighty serious matter, this coal, even if it is black.

We don't hear much about Asheville. Only the bowling clubs, the old guard, a few of the very wealthy and, of course, the representatives of the press are talking about the trip. Milwaukee, where art thou? Pollworth, you'd get quite a crowd out your way next year. Try it again. Needn't employ a professional spouter. J. I. D.

BALTIMORE.

Various Items.

The cut flower trade keeps fairly good, its volume being somewhat heavier than last year, though the bulk of it is, as a

rule, limited to funeral work. Good stuff is scarce. Mrs. Chas. Held, who has a fine class, as well as an extended clientage, of customers, succeeded last week in getting several hundred handsome Beauties and Liberties from Washington, after exhaustive efforts proved Baltimore and Philadelphia barren of these varieties. Just now a great staple is the white Cochet rose. This is coming in in great quantities, but generally with short stems. Asters are already abundant, and gladoli more in evidence than usual. A good many lilies are seen also.

We are having a summer of extraordinarily pleasant weather, the days warm, but without the excessive humidity so trying to human patience and endurance, and with nights perfect for rest and reinvigorating. An episode not so agreeable was a violent local wind storm on Sunday, the 20th, which wrought much damage, especially in the city and river, blowing over church steeples, tearing off roofs and upsetting boats. A number of lives were lost. The florists suffered to some extent, but the path of the storm was, fortunately, a narrow one. S. Feast & Sons, at Catonville, lost considerable glass, and Black & Bro., Chase street, Baltimore, report damages to their greenhouses to the amount of $500. The rain was light and there was no hail.

There is considerable building going on and much renovation and enlargement of plants. John M. Rider, of Brooklyn, Md., is building a new carnation house, 30x100 feet, a water tower, etc. F. C. Bauer, Govanstown, is putting up a house for carnations, about 18x75 feet.

It is understood that the delegation to Asheville will reach about twenty members from this locality. R.

BUFFALO.

The Picnic.

We are going to have a picnic, and more elaborate arrangements have been made than for any event of that kind in the history of our club. President Braik is a hustler when he takes hold of anything in earnest, and when he takes hold of your body you would think Jeffries was around. And have we not a splendid worker and good all-around manager of anything he works at in our treasurer, Charles H. Keitsch? And there are others. Now florists of the vicinity, Mr. Stroh, of Attica, and Mr. Wise, of East Aurora, and Mr. Gould, of Middleport, and all the rest of you—come. Don't say you were too busy. I notice in other cities that those men who have time for a little recreation are quite as prosperous as those that go groveling along with their heads on the ground, looking for the dollar 365 days in the year.

Free Barrels.

The stores will close that afternoon. We shall go to a most respectable and pleasant place. The supper is promised to be great in both quantity and quality. We shall be in the middle of the broad and rapid Niagara a few miles above the falls, and those wishing to go over the falls in a barrel can do so. The barrel will be furnished by the committee on sports, and if returned in good order no charge for use. The Bedell House band will furnish music for the giddy lads and lassies. The committee on sports has a fine programme. And last, but most important of all, you city dudes of the florist trade, don't think you (any of you) are too good to mix with the crowd. Lend this occasion the light of your countenance. The date is Wednesday, August 6th, and the Bedell House grand stand is the place.

"Business, there is no business," so we won't enter into it this chapter. We get a shower every day, so we can't kill weeds, but we can navigate the village roads again without high rubber boots.

W. S.

ST. PAUL.

The event of the week in florist circles was the Twin City picnic held at Spring Park on Lake Minnetonka Tuesday, July 22. Florists and their families to the number of 300 resorted thither and enjoyed a most delightful outing replete with pleasure from morning till night. The committee on sports arranged an excellent programme, most of the prizes being captured by St. Paul as usual.

Katie Hansen captured first honors in the young ladies' race. Mrs. Fred Topel was an easy winner in the married ladies' race. Wm. Conner captured first money in the men's free-for-all. E. P. Holm proved the fleetest fat man on the ground, with E. Nagel a good second. In the tug of war the lusty St. Paul team pulled themselves an easy victory. F. Dowdney secured first money in the shooting contest, with Hans Berg a close second. St. Paul had a walk-away in baso ball by a score of 9 to 4. H. Berg won an easy first in the boat race and scored high in the bowling contest.

P. Clausen, of Albert Lea, and Mr. Epps, foreman for L. J. Stuppy, of St. Joseph, Mo., were the outside visitors.

J. O. Zimmerman, of Pueblo, Col., was a recent caller. He is spending a vacation here, this being his former home.

Carl Peterson has erected two houses, 16x120 feet, on Stryker avenue, and is now glazing them. In addition to growing carnations for the trade and bedding plants for his retail business, he will do landscape work, having had several years' experience in that line in European countries.

Ludwig Anderson will superintend the building of the new houses being erected by Holm & Olson, having been engaged by them as foreman.

Notwithstanding the incessant heat, trade has been fairly active and flowers pretty well cleaned up each day. The shipping trade in funeral flowers is especially good. Asters are becoming very plentiful and are of good quality. Sweet peas are abundant and of extra choice quality. X. Y. Z.

CLEVELAND.

Business Quiet.

Business is at a standstill and has been for some time except for a little funeral work now and then. The members of the craft are busy tearing down, repairing and rebuilding.

The Club's Outing.

The Florists' Club gave its annual picnic last Tuesday, the 22nd, at Euclid Beach Park. About twenty-five members gathered there with their families and spent a very pleasant afternoon. It was a very quiet affair, each and all providing their own lunch and partaking of it at their own pleasure.

Some passed the time at the bowling alleys, while others played pedro to pass the time away.

Various Items.

There will not be many from here who will attend the convention, only three or four having expressed their intention of going, there being but very little interest shown here regarding it.

The F. R. Williams Co. has remodeled several of its houses and has them all planted to roses, which are looking very fine indeed. This firm is going in very strong for flat houses, putting a 14-foot and a 12-foot rafter on a house 25 feet wide on centers.

A. Schmitt, of Glenville, has been delayed in his rebuilding by the freight handlers' strike in Chicago, being unable to get his lumber shipped. He will rebuild three of his houses this summer.

R. Addicott & Son have taken down two houses and are rebuilding them at right angles to the way they used to stand.

John Smith & Son are building a violet house and also a show house for palms and ferns, attached to their store.

The J. M. Gasser Co. is hustling its new houses and expects to have the best arranged plant in this section when completed.

Some of the florists here expect to house their carnations early this year; the stock outside with most of them is looking very well, except on the low land, where some have been drowned out. The stuff that has suffered most has been the small seedlings, which were beaten down by the heavy rains and could not get up again. Carnations have held out well this year, and although rather small now, there is still a good demand for them.

Roses are very small and of poor quality. Asters are now becoming quite a prominent feature and, in fact, are about the only flower that is available that can be called good. Gladioli very good here this year, some growers showing some very fine ones both in size and color.

Tenep.

THE CORFU BELL.

Our Country Estate is Adjacent to a Swamp.

The Corfu tolls the knell of parting day,
The piping frog is all the music left for me.
The hard worked florist plods his homeward weary way,
And sleeps and dreams of crops that are to be.

Now fade the glimmering sash bars from the sight,
And all the swamp a solemn stillness holds,
Save where ten million skeeters buzz their buzzy flight,
And leave us but a skeleton of punctured holes.

William of Normandy, alias William the Conqueror, alias William the First, he that conquered the savage Saxon at Hastings, instituted the Curfew Bell, when everybody except his chums had to be indoors and lights out at 8 p. m., Greenwich time. We think that would be a good thing yet for all people under 25, and we have also found that the modern spelling is incorrect. It should be Corfu. Of course Thomas Gray, in his immortal classic, was not aware of this, even if it did take him fourteen years to compose his matchless poem. Froggy.

SAMUEL S. PENNOCK, Wholesale Florist.

SELECT VALLEY..... 1612 Ludlow St. **PHILADELPHIA, PA.**

During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR RENT—Greenhouse, originally built for private use. Afterwards enlarged and surplus product sold. Florist has resigned and proprietor desires to be relieved from its management and will accept very low rent—$10.00 a month. Will purchase product to at least double the amount of rental. There are 7000 square feet of glass, good basement, first-class hot water heating apparatus, good customers, ready sale for product. Address for further information Youmans & Bro., Winona, Minn.

WANTED—A young man with practical experience in general greenhouse work as assistant. $20 00 per month and board. Von Reider, 425 Loockerman St., Dover, Del.

WANTED—Florist assistant for greenhouses. Good wages. Chas. Rayner, Anchorage Rose Houses, Anchorage, Ky.

WANTED—1300 feet of 2-inch pipe and fittings. H. S. Baker, Warsaw, N. Y.

SITUATION WANTED—To take charge of a private place, or as manager of a commercial business. Eight years experience in greenhouse and out-door work. Please state wages when writing. Distance no object. Address Florist, Box 153, Hospital, Ill.

SITUATION WANTED—By August 4 as working foreman or grower in good commercial place; roses, carnations and general stock. F. K. B., 532 Washington Ave., N., Lansing, Mich.

SITUATION WANTED—By experienced grower of roses, carnations, 'mums, specialties, general stock. Best references. G. Grower, 88 Walnut St., Cleveland, Ohio.

FOR SALE—800 feet of 4-inch cast iron greenhouse pipe, used very little, all complete and as good as new, at 15c per foot. Jos. Labo, Joliet, Ill.

WANTED—Prices on 10,000 square feet of glass 16x22 S. S. A., delivered in West Superior by August 20. L. O'Sullivan, West Superior, Wis.

FOR SALE—3000 carnation stakes at ¾-cent each. Eggeling Floral Co., St. Louis, Mo.

WANTED—By August 15th a good grower of roses and carnations; must be good worker, sober, industrious and reliable; good pay and steady employment. John Fallon, Staunton, Va.

WANTED—A good grower for a place of 12,000 feet. Single or married. Must be steady and not afraid of work. State references and wages wanted. J. M. Smely, Aurora, Ill.

WANTED—An assistant in rose and carnation houses. Also boy to learn the business. State age and wages wanted including board and washing. John L. Wyland, De Haven, Pa.

FOR SALE—Best florist business in Southern Illinois in live business town. Fine trade in cut flowers and plants. Plant of three houses. Water heat. Will be sold cheap. Address Illinois, care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—Three or four good rose growers. Good wages to right men. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

WANTED—To rent with privilege of buying, a medium size place in good condition; Illinois, Iowa, Indiana or Michigan. Address 50, care Florists' Review

PALMS
FERNS, FICUS,
ASPARAGUS,
ADIANTUM FARLEYENSE.

I HAVE 15 LARGE HOUSES FULL OF FINE PALMS AND FERNS.

NOW IS THE TIME TO PLACE YOUR ORDER.

Send for Price List.

A. N. PIERSON, Cromwell, Conn.

Mention The Review when you write.

FOR EXCHANGE—My fine residence, steam heat, city water, bath. New greenhouse, 20x65 feet. Situated in best residence district in best town in Southern Illinois. No incumbrance. I invite fullest investigation. Want Northern property. Address J. W. Hanford, Carbondale, Illinois.

FOR SALE—Hitchings' hot water heater, capacity 1000 feet glass, as good as new, only used one season, in perfect condition. W. R. Gray, Oakton, Va.

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 723 E. State Street, Redlands, Cal.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—Rose growers and helpers. Also one man who understands growing chrysanthemums. The highest wages and steady work. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

An Experienced SEEDSMAN

of National reputation is now open for an engagement, has a large personal acquaintance both at home and abroad.

Understands fully the Seed and Bulb trade in all its branches; catalogue, wholesale and store trade. Also a complete knowledge as a grower, foreign and domestic buyer.

Address **SEEDSMAN**, care Florists' Review.

For Sale at a Bargain

Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address F. S., care Florists' Review.

FOR SALE.

Now offered for sale, our entire plant, greenhouses, land, stock and business; thirty years established, and under one management; nearly 25,000 feet of glass; products all sold retail; three-fourths income from cut flowers and floral work; whole place rebuilt in last ten years; the largest greenhouse place in northwest New England; a fine steady trade; books open. Desire to retire from active business reason for selling.

For terms, write or visit

ELLIS BROS., Keene, N. H.

LEO NIESSEN, N. W. Cor. 13th and Filbert Sts. Philadelphia, Pa.

During July and August store will be open from 7 A. M. to 6 P. M.

Mention The Review when you write.

FALL BULBS and Seasonable Flower Seeds.

Freesias, Callas, White Roman Hyacinths, Paper White Grandiflora Narcissus, Dutch Hyacinths, Tulips, Mushroom Spawn, New Crop Pansy, Cineraria, Calceolaria, Chinese Primrose, Mignonette, etc. PRICES ON APPLICATION. UNSURPASSED QUALITY.

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

NEW YORK TO ASHEVILLE.

A reduced railroad rate of $23.72 for the round trip has now been secured from New York to Asheville. No certificates are necessary; through round trip tickets to destination will be issued at the figure named, $23.72. Sleeping car berth from Washington to Asheville costs $3.

The New York delegation will leave on Monday, August 18, by the 10:10 a. m. train, via Pennsylvania Railroad. This will enable the eastern delegates to join those from Philadelphia and other points en route to Washington, at which city a special train will be made up arriving in Asheville about 5:30 a. m., Tuesday, August 19.

No more favorable rate concession has ever before been granted to S. A. F. delegates than that given by the Southern Railway Company, and a large eastern representation should result.

Delegates intending to travel with the New York party should at once notify any one of the Florists' Club's transportation committee, which is composed of Messrs. Alex. Wallace, Box 1697, New York; A. H. Langjahr, 19 Boerum Place, Brooklyn, N. Y., and Theodore J. Lang, 670 Sixth avenue, Manhattan.

CINDERS FOR PROPAGATING.

Cinders as a propagating medium for chrysanthemums have proven a great success. The same cinders have been used four times in succession, the last batch being now well rooted. There has been absolutely no fungus from first to last in the cinders, while mums propagated in sand at the same time and under the same circumstances were destroyed by fungus to the extent of 25 per cent.

I believe that carnations could be rooted in finely sifted coal cinders and the fungus entirely eliminated. While I have had some experience in that line I shall try it largely this coming year, and do not expect to lose a single cutting from fungus. J. H. V.

JOLIET, ILL.—The new rose houses of the Chicago Carnation Co. are all planted and the stock is doing well. Housing of carnations has now begun in earnest. While a few plants have been lost in the lower part of the field the percentage is very small and on the average stock is better than they have ever had it before.

SEND order and copy early for your adv. in our Convention Number, to be issued Aug. 21st.

Chrysanthemums!

Nice young stock from 2-in. pots, $2 50 per 100.

Mrs. J Jones,	Col. D. Appleton,
Alice Byron,	Yellow Fitzwygram,
Glory of Pacific,	Xeno,
Mrs. H. Robinson,	Modesto,
Yellow Jones,	Lavender Queen,
Pres. Smith,	Nagoya,
V -Morel.	Yanariva,
Marion Henderson,	Mrs E D. Smith,
Geo. S. Kalb,	Mrs. S. T. Murdock.

AND MANY OTHER STANDARD VARIETIES.

NATHAN SMITH & SON

ADRIAN, MICH.

Mention The Review when you write.

WHOLESALE GROWERS .....OF.....

Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.

WHOLESALE BULB GROWERS,

PETERSBURG, VA.

Mention The Review when you write.

Extra Fine Valley

During the Summer

$4.00 to $5.00 per 100

H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of

MACHINE WIRED TOOTHPICKS

10,000....$1.50; 50,000....$6.25

3000 6-Inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

Mention The Review when you write.

Send Advs. Now FOR OUR Convention Number To be issued AUGUST 21st.

GEORGE M. MOSS,

WHOLESALE FLORIST,

Beauties, Brides, Maids, Carnations, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

Mention The Review when you write.

EDWARD REID

WHOLESALE FLORIST.

Valley and all seasonable summer flowers.

1526 Ranstead Street. PHILADELPHIA

Store closes at 6:30 P. M. Saturday 1 P. M.

Long Distance Telephone.

Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

Mention The Review when you write.

Eugene Bernheimer,

WHOLESALE FLORIST,

Will Remove to 11 S. Sixteenth Street about August 1st.

Long Distance Telephone. PHILADELPHIA, PA.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

ZIRNGIEBEL

GIANT PANSIES.

Trade packages at $1.00. Also plants of the above strain at $5.00 per 100 and $10.00 for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

Michigan Seed Co.

WHOLESALE GROWERS

GLADIOLUS, DAHLIA and CANNA Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. NEW YORK.

All through the early morning hours
I hear the music of the flowers.
And day and night their voices ring;
And this the song I hear them sing:—
"Long live Millang The Lily King!"

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.
52 W. 29th St., NEW YORK CITY.
Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.
SHIPPING ON COMMISSION.
Tel. 2034 and 2239 Madison Square.
Mention The Review when you write.

CHRISTMAS FLOWERING Sweet Peas

MISS FL. E. DENZER, large pure white flower. 1 pkt., containing 2 ozs. of seed, **$1.50.** 8 pkts., containing 1 lb. of seed, **$10.00.** Mailed free.

ZVOLANEK'S CHRISTMAS, the well known pink and white, 1 lb., **$4.00.**

Both varieties, if sown first part of September, start to blooming in November and flower all winter till June.

Also **MONT BLANC** (European) **$2.00** per lb., and all other select florists' Sweet Pea Seed at low prices.

ANT. C. ZVOLANEK,
GRAND VIEW, N. J.
Mention The Review when you write

Burbank's Shasta Daisy.

New Seed 1902—25c per 100, $2.00 per 1000 $18.00 per 5000, $30.00 per 10,000 seeds.

Asparagus Pl. Nanus Extra fine, 2½-in., $5.00 per 100.

Burbank's Shasta Daisy Strong, 3 inch, $15.00 per 100.

WRITE YOUR WANTS ON CARNATION PLANTS.
Express Prepaid.

California Carnation Co.
LOOMIS CAL.
Mention The Review when you write.

5000 SMILAX TO CLOSE.

500 Hibiscus, in 2½ to 4-inch.
5000 Sprengeri, 2 to 6-inch.
5000 Plumosus, 2 to 5-inch.
Boston Ferns, 4 to 10-inch.

Let us have your orders.

GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,
300-306 Dearborn St., CHICAGO.
Mention The Review when you write.

ROSES for WINTER FLOWERING.

IVORY (American Rose Co. stock) per 100, $9.00.
BRIDES, BEAUTIES, GONTIER, PERLES, Mme. HOSTE, SAFRANO, GOLDEN GATES, 3-inch pots, per 100, $6.00.

Grafted IVORY (American Rose Co. stock) per 100, $18.00.
GOLDEN GATES (very fine) per 100, $12.00.
BRIDESMAIDS, 3½-inch pots, per 100, $12.00.

J. L. DILLON, Bloomsburg, Pa.
Mention The Review when you write.

XXX SEEDS GIANT PANSY.

The best large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50 cts.

CINERARIA. Finest dwarf, 1000 seeds 50 cts.

CALCEOLARIA. Dwarf, large-flowering, tigered and spotted, fine, 1000 seeds, 50 cts.

CHINESE PRIMROSE. Finest grown, large-flowering, fringed, single and double, 15 varieties, mxd., 500 seeds, $1.00; half-pkt., 50 cts.

DAISY. Double Giant white and rose, mixed or separate, 1000 seeds, 25 cts.

Cash. A packet of the new ever-blooming forget-me-not "Constance" added to every seed order.

JOHN F. RUPP, SHIREMANSTOWN, PA.
The Home of Primroses.
Mention The Review when you write.

WE control the American market (and don't forget it) in Araucaria Excelsa. Three large consignments of this favorite pot plant arrived early in May. Our houses are now full of them. Notice the following low prices:

ARAUCARIA EXCELSA,

5-inch pots,	3 tiers,	10 inches high 50c
5½ "	3 "	10 to 12 inches high. 60c to 75c
6 "	4 "	15 to 18 " 75c to $1.00

Kentia Forsteriana, 25 to 28 inches high, 5½-in. pots, 5 leaves, 75c. **Kentia Belmoreana,** 20 inches high, 5½-inch pots, 5 leaves, 75c. All good, healthy stock. **Picus Elastica** later. **Begonias,** tuberous rooted, fine color, 5-inch pots, $1.80 per doz. Mention if pots are wanted. Cash with order please.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 ONTARIO ST., PHILADELPHIA, PA.
Mention The Review when you write.

Roses to Plant!

Well-grown stock, clean and vigorous.

	100	1000
Am. Beauties, 3-inch, special price to close out	$4.00	$35.00
Perles, very nice, 3-inch	5.00	50.00
Golden Gate, 3-inch	5.00	50.00
Brides, 3-inch	5.00	45.00
" 2¼ by 3-inch, strong	3.00	

Special on 3000 fine Meteors
$30.00 per 1000; $3.50 per 100; all strong 3-inch. Thousand rate allowed on 250.

W. H. GULLETT & SONS, LINCOLN, ILL.
Mention The Review when you write.

Asparagus Plumosus
3-inch pots, at $5.00 per 100.

SMILAX, 2-inch pots, at $1.50 per 100.

Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.
Mention The Review when you write.

Revised List of ROSES on hand JULY 22, 1902, at Geo. A. Kuhl's,
PEKIN, ILL. Write him.

	2 by 2½-in.	2½ by 3-in.	3 by 3-in.
Meteors	650	275	
Brides	2400	875	
Maids	850	150	475
Kaiserins		1000	
Perles		700	
Beauties	850	1200	
Liberties	925		
Golden Gates	600	425	
La France	150		
Belle Siebrecht	180	300	
Souperts	50		

Mention The Review when you write.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100; **$45.00** per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.
Mention The Review when you write.

Rose Plants

Bride, 3-in., $4.00 per 100; $35.00 per 1000.
Bridesmaid, 3-in., $4.00 per 100; $35.00 per 1000.

Repotted three times. Elegant stock. Unknown parties cash with order. 250 at 1000 rate.

BRANT & NOE, Forest Glen, CHICAGO.
Mention The Review when you write.

Surplus Roses-to close

350 Brides, 2½-inch 2c
200 Maids, 3-inch 3c
150 Maids, 2½-inch 2c

WM. B. SANDS, Lake Roland, BALTIMORE, MD.
Mention The Review when you write.

CYCLAMEN GIGANTEUM OR PERSICUM.

Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00 per 100. **Cinerarias,** 2-in., $2.00 per 100. **Smilax,** 2-in., $1.00 per 100. **Asparagus Sprengeri,** 2¼-in., $1.50 per 100. **Cyclamen Persicum Seed,** mixed, $4.00 per 1000 seeds. **Asparagus Sprengeri,** $1.75 per 1000 seeds. **Pansy,** Prize Strain Bugnots, Cassiers and Odiers or Giant Trimardeau, $2.00 per oz. All fresh seed.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.
Mention The Review when you write.

SALT LAKE CITY, UTAH.

A few days' sojourn in this most interesting city gave the writer an opportunity to make the acquaintance of the florists, who are endowed with an abundance of hospitality, and who apparently are doing a good business. Trade has slackened up some since July 1st, yet seldom a day passes without bringing an order for funeral work, and all stores keep open until 8 p. m.

Not unlike some other sections of the Western country where there is a shortage of rain during the summer months, vegetation is made to thrive by the irrigation process, and outdoor flowers are in ample supply and of the first quality. Carnations are grown under glass all summer, and we marvel at the quantity, length of stem and size of blooms. The cool nights are a boon to the florists, and, indeed, if the same stock could be shipped successfully to an Eastern market it would fetch $3 per 100 at wholesale.

Rose culture is a failure here, due principally to the lack of moisture in the climate, and the trade depends entirely on Council Bluffs for its rose supply. Think of shipping roses twelve hundred miles in the month of July, which Mr. Wilcox is doing, the same retailing at $1.50 per dozen in this market.

An item of news which may interest florists who are located in the mining districts is the surprisingly large trade done here in metal work with the nearby mining camps. We find every store well supplied with this material, and the profits derived therefrom are enormous.

The Salt Lake Floral Company are building six new houses, and when completed they will have a fine range of 75,000 feet of glass. J. H. Mitchell, formerly of Butte, Montana, a greenhouse architect of considerable ability, has charge of the entire plant.

The Huddart Floral Company are renovating their store and fixing up generally. Mr. Huddart took an active part in organizing a florists' club, and is laboring hard to interest the florists in giving a chrysanthemum show next fall.

The B. C. Morris Floral Company are also making extensive improvements and will build two new houses this summer. Thomas Holiday, who is one of the members of the firm, and who has assumed the entire management of the firm's interests, is a good business man and a real good fellow.

It is seldom one sees a more attractive little store than that owned by R. E. Evans. It is complete in every detail. Mr. Evans does a large retail business and looks more like an English statesman than a florist.

Ralph Rieben has started early in life with 4,000 feet of glass and will grow cut flowers and plants for Mount Olivet Cemetery trade.

Salt Lake City, or "Zion," as it is called by the Mormons, is situated in a fertile valley at the foot of the Wasatch Mountains. Its streets are wide and well shaded with poplars and maples. The places of interest which attract visitors are the Mormon Temple and Tabernacle, two imposing structures, and Amelia Palace, built by Brigham Young for his favorite wife, for whom it was named.

Truck gardening in the valley is practically controlled by the Japs and the Chinese. H. J. M.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
P. P. BENTHEY, Manager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
Mention The Review when you write.

JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
51 Wabash Avenue, - - CHICAGO.
GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598.
Mention The Review when you write.

FRANK GARLAND,
Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
Mention The Review when you write.

Michigan Headquarters
for Fancy Ferns. $1.00 per 1000. Discount on large orders. Bronze Galax, $1.00 per 1000.
Give us Trial Order.
MICHIGAN CUT FLOWER EXCHANGE
WM. DILGER, Manager.
26 Miami Avenue, DETROIT, MICH.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
437-439 Main St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

McKELLAR & WINTERSON CO.

Supply Everything Used by Florists, Nurserymen, Gardeners, Seedsmen..... Cemeteries, Parks, etc.

HEADQUARTERS ON CUT-FLOWERS.

45-47-49 Wabash Ave.

Telephone Main 1129. **Chicago.**

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

H.G.Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale Florist,

316 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave , KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

HOLTON & UNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

Mention The Review when you write.

YOU can plant at any time—Roses from 4 and 5-in. pots; Crimson Rambler, Coquette des Blanches, Clothilde Soupert, etc., fine clean plants, 9c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 2-year, from 5-in. pots, 18c; 1 year, from deep 3-in., 9c. Clematis Paniculata, 2-year, from 5-in. pots, 10c; extra from 6-in., 18c. Japan Gold Leaf Honeysuckle, fine 3 and 4-in., 10c. Also Henderson's Snowball and Selected Erfurt Cauliflower from 2-in. pots, 2c. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

Mention The Review when you write.

SEND ADVS. NOW FOR OUR

Convention Number,

To be issued **August 21st.**

Largest and Finest Stock of **CHRYSANTHEMUMS** in the country. **Also 200,000 Young Rose Plants in best possible shape.**

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	
Kalb	1.50	2.50
Merry Christmas	1.50	
Robinson	1.30	2.00
Ivory	1.30	2.00
Queen	1.50	2.50
Jerome Jones	1.30	2.00
Gr. Buettner	1.30	2.00
Wanamaker	1.30	2.00

YELLOW.	Per 100 R. C.	Per 100 2½-in.
Harry A. Parr	$1.50	$2.50
Yellow Jones	2.00	2.50
Golden Wedding	1.75	
Gold Mine	2.50	
Yel. Fitzwygram	1.50	2.50
Yel. Berguiann	2.00	2.50
Golden Trophy	1.50	2.00
Pennsylvania	2.00	2.50
Yellow Ivory	2.00	2.50
Harry Hurrell	1.50	2.50
Whilidin	1.30	2.00
O. P. Bassett	1.30	2-in. 2.00

PINK.	Per 100 R. C.	Per 100 2½-in.
Montmort	$1.30	
Glory Pacific	1.30	$2.00
Perrin	1.30	2.00
Xeno	2.00	
Morel	1.50	2.00
Murdock	1.50	2.00
Pink Ivory		
RED.		
Defender	1.50	2.00
Shrimpton	1.50	2.00
Childs	1.50	2.00
BRONZE.		
Lady Hanham	1.50	2.50

SPECIAL—IMMENSE STOCK OF COL. APPLETON, rooted cuttings, $15 per 1000; 2½-inch pots, $20 per 1000. **BONNAFFON,** rooted cuttings, $12 per 1000; 2½-in. pots, $18 per 1000. **OCTOBER SUNSHINE,** rooted cuttings, $1.75 per 100; 2½-in., $2.50 per 100. Fine stuff.

ROSES FOR FORCING.

50,000 **SURPLUS PLANTS** in fine shape; going fast.

	2½-in. Per 100	Per 1000	3-in. Per 100	Per 1000
American Beauties	$4.50	$40.00	$7.00	.....
White Sport of Golden Gate	6.00	.....	.....	.....
Golden Gates	3.50	32.00	.....	.....
Maids	3.00	.....	4.50	$40.00
Brides	.....	.....	4.50	40.00
Meteors	.....	.....	4.50	40.00
Maids, 3½-inch			$5.50 per 100;	$50.00 per 1000

STEVIA, (no more R. C.) .....2½-in., per 1000.....$20.00 3-in., per 1000.....$40.00

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The Best Variegated Foliage Plant to-day is

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Fine plants, bench pots, **$12.00** a doz.

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Small plants, $25.00 per 100; delivery after September 1st.

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Acalypha marginata. 300 extra strong plants in 2½-in. pots, $4.00 per 100. F. O. B. express or freight office. Cash. Mills, The Florist, Jacksonville, Fla.

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Ampelopsis quinquefolia, 5-in., extra strong $5.00 doz. Bobbink & Atkins, Rutherford, N. J.

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ARAUCARIA EXCELSA.

Pots.	High,	Tiers.	Each.
4-inch	5 to 7 inches	2	$0.35
5-inch	8 to 10 inches	3	.50
6-inch	10 to 15 inches	3 to 4	.75
6-inch	16 inches	4	1.00
6-inch	20 inches	4 to 5	1.25
7-inch	24 inches	4 to 5	1.50

ARAUCARIA EXCELSA GLAUCA.

Pots.	High,	Tiers.	Each.
5-inch	8 to 10 inches	2	$0.75
6-inch	12 inches	2 to 3	1.00
6-inch	15 inches	3	1.25
7-inch	18 inches	4	1.50

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Pots.	High,	Tiers.	Each.
6-inch	10 inches	2 to 3	$1.25
6-inch	12 inches	3	1.50

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ASPARAGUS SPRENGERI.
2½-inch, large, strong plants..... 7c.
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Asparagus plumosus nanus, 3-in., fine, strong stock from our own seed. $7.00 per 100.
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Cut strings, 50 cents each.
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Asparagus plumosus, all sizes.
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White Roman Hyacinths, finest quality, 12 to 15 cms. in circ., $3.00 100; $26.00 1000.

Narcissus Paper White grandiflora, $1.00 100; $9.00 1000.

Callas. We offer an unusually fine stock of these at the following low prices:

	Diameter.	100.	1000.
Extra quality	1¼ to 1½ inches	$5.00	$40.00
Selected	1½ to 1¾ inches	6.00	50.00
Mammoth	1¾ to 2 inches	8.00	70.00
Exhibition	2 to 3 inches	10.00	....

Freesias. Selected bulbs, ⅛ inch and up in diameter, 75c 100, $6.00 1000; mammoth bulbs, ¾ inch and up in diameter, $1.00 100, $8.00 1000.

Lilium Harrisii. Finest selected bulbs, 6 to 7 inches in circ., case (350 bulbs), $17.50, in less quantities, $8.00 100; 7 to 9 inches in circ., case (200 bulbs), $20.00, in less quantities $11.00 100.

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Bermuda Buttercup Oxalis, 75c, 100; $6.00 1000.
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Freesias, choicest white stock.

	12	100	1000
⅝-½-inch circ., select	$0.05	$0.40	$3.00
½-inch up, large	.10	.60	5.00
¾-inch up, mammoth	.15	.85	7.00

Lilium Harrisii, sound, clean, honest stock.

	12	100	1000
5x7-inch circ	$0.60	$4.75	$45.00
7x9-inch circ	1.50	10.00	100.00
9x11-inch circ	2.75	20.00	
Bermuda Buttercup Ox	.15	1.00	8.00

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FREESIAS, CALLAS, LILIUM HARRISII, etc. If our bulb list has not been received we shall be pleased to send it on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices.
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THE BEST FIELD-GROWN STOCK.
Every one a choice selected plant.

	100.	1000.
Mrs. Thos. W. Lawson	$6.00	$50.00
Flora Hill	5.00	45.00
White Cloud	5.00	45.00
Geo. H. Crane	5.00	45.00
Glacier	5.00	45.00
Morning Glory	5.00	45.00
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America	4.00	35.00
Jubilee	4.00	35.00
Mrs. F. Joost	4.00	35.00
Daybreak	4.00	35.00
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Order quickly; plants reserved for later shipment if desired. Terms cash.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Field Carnations. 300 Norway, 1st size, $6.00 per 100. 100 Norway, 2d size, $4.00 per 100. 100 Lawson, 1st size, $8.00 per 100. 300 Genevieve Lord, 1st size, $5.00 per 100. 200 Maceo, 1st size, $5.00 per 100. 100 Roosevelt, 1st size, $6.00 per 100. 100 Roosevelt, 2nd size, $4.00 per 100. 200 Evelina, 1st size, $5.00 per 100. 200 Crocker, 1st size, $5.00 per 100. 100 Morning Glory, 1st size, $5.00 per 100. 100 Daybreak, 1st size, $5.00 per 100. 150 Francis Joost, 1st size, $5.00 per 100. 100 Flora Hill, 2d size, $4.00 per 100. 50 Mary Wood, 1st size, $5.00 per 100. 50 Pingree, 1st size, $5.00 per 100. 100 Bradt, 1st size, $6.00 per 100. 100 Bradt, 2d size, $4.00 per 100. These plants are the finest obtainable, plenty of fibrous roots. Will be packed in open crates, and can be delivered any time after August 1st. Will sell the lot for $100.00, cash.
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Carnations from field. Strong, healthy plants.
3500 Lawson.
2000 Crane.
4000 White Cloud.
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1000 Maceo.
2000 Glacier.
1000 M. Glory.
700 Lord.
150 Irene.
300 Marquis.
200 Norway.
350 Flora Hill.
First size, $8.00 100; second size, $5.00 100.
300 Prosperity and 200 Lorna, $10.00 100.
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Let us know your wants on carnation plants—we prepay express charges. California Carnation Co., Loomis, Cal.

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30,000 strong healthy field-grown carnation plants, ready for planting. Write for varieties and prices. Isaac H. Moss, Govanstown, Baltimore, Md.

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Chrysanthemums, the largest and finest stock in the country.

WHITE.	Per 100 R. C.	Per 100 2½-in.
Timothy Eaton	$3.00	$4.00
Chadwick	2.50	
White Bonnaffon	2.50	3.50
Fitzwygram	1.50	2.50
Bergmann	1.50	
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October Sunshine	2.00	2.50
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Montmort	1.30	
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Philadelphia	5.00	Mary Hill	4.00
Robt. Halliday	3.00	Lady Playfair	2.50
Golden Wedding	4.00	Xeno	3.00
R. H. Pierson	6.00	Maud Dean	4.00
Yellow Mayflower	3.00	Yanariva	6.00
Mrs. E. D. Smith	4.00	V.-Morel	4.00
October Sunshine	3.00	Adele	3.00
Mrs. Whilldin	2.50	Lady Harriett	4.00
Liberty	4.00	J. K. Shaw	3.00
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Modesto	3.00	Red and Bronze.	
E. Dailledouze	3.00	G. W. Childs	4.00
H. A. Parr	2.50	Intensity	4.00
Major Bonnaffon	3.00	John Pockett	6.00
Nagoya	3.00	Lady Anglesly	4.00
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Mayflower	3.00	G. S. Kalb	2.50
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Our selection of standard varieties, early, midseason and late, $20.00 per 1000; $2.00 per 100. Reduction on large orders.

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Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.

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Alice Byron, Yellow Fitzwygram.
Glory of Pacific, Xeno.
Mrs. H. Robinson, Modesto.
Yellow Jones, Lavender Queen.
Pres. Smith, Nagoya.
V. Morel, Yanariva.
M. Henderson, Mrs. E. D. Smith.
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Nice young stock, 2-in. pots, $2.50 100.
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Chrysanthemums, good, clean, fresh stuff not drawn and not dried up: Niveus, White and Yellow Jones, Frank Hardy, Glory of Pacific, Merry Monarch, Col. Appleton, Bonnaffon, White Ivory, O. P. Bassett, W. H Lincoln, Golden Wedding, Robinson, Mrs. Weeks, and Mrs. Murdock, 2½-in., $2.00 100, $18.00 1000. Cash with order.

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Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.

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Cinerarias, 2-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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Large-flowering clematis. Finest purple, white, lavender, and pink sorts, 2-yr., 5-in., 18c; 1-yr., 3-in., 9c. Clematis paniculata, 2-yr., 5-in., 10c; extra, 6-in., 18c. W. H. Salter, Rochester, N. Y

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Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

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Coleus stock plants, including Golden Bedder, Verschaffeltii, Fire Brand, Park Beauty, Nellie Grant, Bismark, Butterfly, and others; 2½-in. pots, short growth, $1.50 100, $10.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

Coleus, assorted, 2¼-in., $2.00 100. Verschaffeltii, P. & P., Golden Bedder, Her Majesty, 2¼-in., $2.50 100. Cash. Greene & Underhill, Watertown, N. Y.

CUPHEAS.

Cupheas, 2¼-in., $2.50 100. Greene & Underhill, Watertown, N. Y.

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Cyclamen Persicum Splendens Giganteum. Finest strain in the world, in four true colors, well-grown plants, from 2½-in. pots, $4.00 per 100; $35.00 per 1000. Extra selected, $5.00 per 100; $40.00 per 1000. Satisfaction guaranteed. Paul Mader, East Stroudsburg, Pa.

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Cyclamen giganteum, extra fine strain and plants; in separate colors; 4-in., $12.00 per 100.

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Cyclamen giganteum or persicum, ready to shift for Christmas blooming. 3-in., $5.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen. 2½-in., stocky plants. $3.00 100. Converse Greenhouses, Webster, Mass.

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Burbank's Shasta daisy, strong 3-in., $15.00 100. Express paid.
California Carnation Co., Loomis, Cal.

Marguerites, white, 3-in., $4.00 100.
Greene & Underhill, Watertown, N. Y.

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200 Dracaena Indivisa, 6-in. pots, 3 ft. 6 in. high, full heads, fine for vases, $15.00 per 100; $2.00 per doz. Ruxton Floral and Nursery Co., Ruxton, Md.

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FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.

ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.

ANDERSON & CHRISTENSEN, Telephone 29 I. Short Hills, N. J.

NEPHROLEPIS EXALTATA.

	Each.	Ten.	100.
3-in. pots	$.05	$0.40	$3.00
4-in. pots	.08	.75	7.00
5-in. pots, Bostoniensis	.22	2.10	
6-in. pots, Bostoniensis	.35	3.20	
7-in. pots, Bostoniensis	.55	5.20	
8-in. pots, Bostoniensis	.80	7.50	
12-in. pans, Bostoniensis	2.00		

W. J. HESSER, Plattsmouth, Neb.

Jardiniere Ferns, leading varieties in assortment, extra good stock from large flats, $1.50 per 100.

Boston Ferns, ready for 5 and 6-inch pots, $25.00 per 100. Sample plants, 40 cts. each.

Ten per cent discount on large orders. Cash with order.

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50,000 Boston ferns. I make a specialty of N. Exaltata Bostoniensis. Small plants, $5.00 to $10.00 per 100, taken from the bench.

Assorted ferns, for dishes, $3.00 to $5.00 per 100. W. A Bock, N. Cambridge, Mass.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.

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Ferns. I have at all times a nice collection of Ferns in 2¼-in. pots, suitable for fern dishes, etc., at $3.00 per 100. From flats at $10.00 per 1000. H. Weston, Hempstead, N. Y.

FERNS IN FLATS. Buy from the grower and save jobber's commission, $1.00 per flat of 110 clumps. Sunnyside Ferneries, Secaucus, N. J.

Orders booked now for September delivery for the new Nephrolepis fern ANNA FOSTER Small plants $25.00 100.

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Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000.

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Boston ferns, 4, 5, 6 and 8-in. pots, 10 cts., 20 cts., 50 cts., and $1.00 each; 10 in. pans, $1.50 each. J. S. Bloom, Rigelsville, Pa.

Adiantum Cuneatum, 6-inch pots, $35.00 per 100. Cash with order. Send for sample. The F. E. Williams Co., Cleveland, Ohio.

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Fern Balls, good size, $25.00; extra, $30.00 per 100. F. W. O. Schmitz, Prince Bay, N. Y.

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Boston ferns from 4-in. pots and up. Write Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 3½-in., $5.00 100. Cash.
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Geraniums, strictly high-grade varieties, true to name, from 2½-in. pots: Jean Viaud, the pink novelty, and Duchess of Orleans, the variegated wonder, $3.00 100; Nutt, Poitevine, Perkins, Hill, Bruant, Jaulin, Athlete, Morton; Meehan, Kellway and others, $2.00 100, $18.00 1000. Buckley Plant Co., Springfield, Ill.

Geraniums. Sheridan, King of the Scarlets, Nutt, Mrs. Bruant, La Favorite, Naomi, Mme. Salleroi—all named sorts—2½ and 3-in. pots, $1.50 100, $12.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

To clean up. We have at least 15,000 geraniums in 4-in. pots, in bud and bloom, at $5.00 per 100. Cash to accompany the order.
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Our geraniums that have been bedded in on the shelf are equal to 4 or 5-in. pot plants and we sell 'em at $3.75 100. We pack light.
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Geraniums, strong, well-established plants of leading varieties at $2.50 100; our selection, $2.00 100. Greene & Underhill, Watertown, N. Y.

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Geraniums; good assortment: standard varieties from 2¼-in. pots, $2.00 100. Cash.
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Cut Gladioli Spikes, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.
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Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

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Ampelopsis Veitchii, 1 year. No. 1, $3.00 per 100; $15.00 per 1000. No. 2, $1.50 per 100; $10.00 per 1000.

Yucca Filamentosa, 1 year. No. 1, $10.00 per 1000; No. 2, $6.00 per 1000.

Calycanthus Floridus, 1 year. No. 1, $2.00 per 100; $10.00 per 1000. No. 2, $1.00 per 100; $5.00 per 1000.

Azalea, Amoena and Viburnum Tomentosum, well rooted cuttings, $2.50 per 100; $20.00 per 1000.

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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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ENDTZ, VAN NES & CO.,
BOSKOOP. Catalogue free. HOLLAND.

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Heliotropes, 2¼-in., $2.50; 3½-in., $4.00; 4-in., $6.00 100. Greene & Underhill, Watertown, N. Y.

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500 hibiscus in 2½ to 4-in. pots.
Write Geo. A. Kuhl, Pekin, Ill.

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Japan Gold-leaf honeysuckle, fine 3 and 4-in., 10c. W. H. Salter, Rochester, N. Y.

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Hydrangea Otaksa in tubs, fine plants for decorations, $3.00 each. Bobbink & Atkins, Rutherford, N. J.

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English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

English Ivy, 2½-in., fine, $3.00 100. Cash.
Roney Bros., West Grove, Pa.

German Ivy, 2¼-in., $2.00 100. Cash.
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At all times extra fine CUT BLOOMS of Lily of the Valley, $3.00 per 100. Cash must accompany orders. Anton Schultheis, Box 78, College Point, L. I., N. Y.

Extra fine VALLEY, $4.00 to $5.00 per 100.
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Lobelias, 2-in., $1.50 100. Greene & Underhill, Watertown, N. Y.

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Moonvine stock plants; best early blooming varieties, 3-in. pots, $5.00 100. Cash with order. Critchell's, Avondale, Cincinnati, O.

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Mushroom spawn, very vigorous, gives extra large and heavy mushrooms. Paul Swanson, 2747 47th St., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

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We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

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PALMS, ETC.

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	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

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Kentias Belmoreana and Forsteriana, 4-in. pots, $6.00 per doz; 7-in. pots, $2.00 to $2.50 each; larger plants, $3.00 to $15.00 each. Small Kentias, 2½-in. pots, $10.00 per 100. W. A. Buck, N. Cambridge, Mass.

Phoenix reclinata in tubs, 5 ft., $7.50 ea.; 6 ft., $10.00 ea. Kentias Forsteriana and Belmoreana in all sizes. Bobbink & Atkins, Rutherford, N. J.

I have 15 large houses full of FINE PALMS, ferns, asparagus, and Adiantum farleyense. Send for price list.
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For sale, a good specimen plant of Phoenix tenuis, about 8 ft. high and 6 ft. across, for $25.00. W. T. Bell & Sons, Franklin, Pa.

Large stock—all sizes and varieties.
Send for PALM catalogue.
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Lutania borbonica, for growing on, fine, 3-in., $6.00 100. J. B. Heiss, Dayton, Ohio.

Kentias, good, 50c, 75c and $1.00 each.
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PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Zirnglebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirnglebel, Needham, Mass.

Pansy plants from the famous Jennings' strain of seed, ready Sept. 1, at $4.00 1000.
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Single petunias, in bloom, 2¼-in., $2.00, 3-in. $3.00 100. Greene & Underhill, Watertown, N. Y.

Petunias, double and single, fringed, 2½-in., $2.00 per 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

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Primroses, 2½-inch pots, fine strain, $3.50 per 100. W. A. Bock, N. Cambridge, Mass.

PRIMULAS.

Obconica Grandiflora, Alba and Rosea, and Baby Primroses (Forbesii), 2-in. pots, $2.00 per 100. Cash. Byer Bros., Chambersburg, Pa.

Single Chinese primroses, mixed and Forbesii, "Baby" at $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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Pyrethrum, white and golden, 3-in., $4.00 100. Greene & Underhill, Watertown, N. Y.

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ROSES FOR FORCING—An exceptionally fine lot in 2½, 3 and 3½-in. pots:

	2½-in. Per. 100.	Per. 1000.	3-in. Per. 100	Per. 1000.
American Beauties	$4.50	$40.00	$7.00	....
Golden Gate	3.50	32.00	....	....
White sport of Golden Gate	6.00	....	....	....
Maids	3.00	....	4.50	40.00
Brides	....	....	4.50	40.00
Meteors	....	....	4.50	40.00

Maids, 3½-in., $5.50 100, $50.00 1000.
POEHLMANN BROS. Co., Morton Grove, Ill.

Roses for winter flowering.
IVORY (American Rose Co.'s stock), $9.00 100.

Brides,	Safranos,
Mme. Hoste,	Gontiers,
Beauties,	Golden Gates.
Perles,	

3-inch pots, $6.00 per 100.
GRAFTED ROSES. Ivory (American Rose Co.'s stock), $18.00 100; Golden Gates, very fine, $12,00 100; Bridesmaids, 3½-in., $12.00 100.
J. L. DILLON, Bloomsburg, Pa.

300 Brides, 2¼-in.	$2.00 per 100
300 Meteors, 2¼-in.	2.00 per 100
100 Gates, 2¼-in.	2.00 per 100
1000 Brides, 3-in., fine	4.00 per 100
1000 Maids, 3-in., fine	4.00 per 100
300 Meteors, 3-in., fine	4.00 per 100
100 Gates, 3-in., fine	4.00 per 100

This stock is first-class. We expected to plant it but find we have enough and this to spare. Cash with order.
CHAPIN BROS., Lincoln, Neb.

Well-grown stock; clean and vigorous:

	100.	1000.
American Beauties, 3-inch	$6.00	$55.00
Perles, very nice, 3-inch	5.00	50.00
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Brides, 3-inch	5.00	45.00
Brides, strong, 2¼ by 3-inch	3.00	

SPECIAL. 3000 fine Meteors, strong, 3-in., $3.50 100; $30.00 1000. 250 at 1000 rate.
W. H. CULLETT & SONS, Lincoln, Ill.

SURPLUS ROSES. We have 600 Meteors, 2400 Brides, 85 Maids, 850 Beauties, 925 Liberties, 600 Golden Gates, 150 La France, 180 Siebrechts and 50 Souperts in 2 by 2½-inch pots; 275 Meteors, 875 Brides, 150 Maids, 1000 Kaiserins, 700 Perles, 1200 Beauties, 425 Golden Gates and 300 Siebrechts in 2½ by 3-inch pots; 475 Maids in 3 by 3-inch pots. For a bargain, write Geo. A. Kuhl, Pekin, Ill.

ROSES. Very good, strong, forcing roses from selected stock in good condition, in 3½-in. pots. 1500 Brides, 1500 Bridesmaids and 1000 Golden Gates at $5.00 per 100. This stock was grown for our own planting, but find we have too many. They are equal to any 4-in. stock and are a real bargain.
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ROSE PLANTS—SPLENDID STOCK.

Golden Gates 3-in.	$5.00 per 100
Maids, 3-in.	5.00 per 100
Brides, 3-in.	5.00 per 100
Kaiserins, 3-in.	7.00 per 100
Beauties, 3-in.	8.00 per 100

A. C. BROWN, Springfield, Ill.

Roses, good strong stock:

1000 Perles	3-inch	$4.00 per 100
1000 Maids	3-inch	4.00 per 100
200 Brides	3-inch	4.00 per 100

Cash with order. R. Williamson, Weehawken P. O., North Bergen, N. J.

ROSE BUDS. Leading varieties of Hybrid Perpetuals and Mosses. Price: $3.50 per 1000; $15.00 per 5000. Orders under $3.00 not acceptable. Huntsville Wholesale Nurseries, Huntsville, Ala.

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350 Brides, 2½-inch	2 cents
150 Maids, 2½-inch	2 cents
200 Maids, 3-inch	3 cents

WM. B. SANDS, Lake Roland, Baltimore, Md.

Rose plants	Per. 100.
1000 American Beauty, 3-in. pots	$8.00
1000 Bridesmaid, 3-in. pots	3.00
1000 Kaiserin Augusta Victoria, 3-in. pots	5.00

De Pew & Blauvelt, Nyack N. Y.

Roses. Surplus stock, grown for own planting. Clean, strong stuff. 400 Bridesmaids, 400 Brides, 100 Perles, 75 Wootton, 3½-in. pots, $5.00 per 100. Cash.
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2000 roses. Last call for good healthy Bride and Bridesmaid, $3.50 per 100; $30.00 per 1000. 500 at 1000 rates. Cash with order. W. T. Hillborn, Newtown, Bucks Co., Pa.

MANETTI stock. English, $12.00 1000; French, $10.00 1000. Special price on large quantities. Bobbink & Atkins, Rutherford, N. J.

Roses. Bride and Bridesmaid, 3½ and 4-in. pots, $6.00 per 100. Write for price on larger quantities. F. C. Schweinfurth, Brouxville, N. Y.

Roses. Brides and Bridesmaids, 2½-in., $3.00 100. Meteors, 3-in., $3.50 100. Golden Gates and Kaiserins, 4-in., $8.00 100. Cash.
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ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
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BRIDE and BRIDESMAID rose plants, repotted 3 times; elegant stock. 3-in. $4.00 100, $35.00 1000. Cash with order.
Brant & Noe, Forest Glen, Chicago.

Bride, Bridesmaids, Perle and Golden Gate roses, 4-in., $8.00 per 100.
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SURPLUS STOCK. Brides and Maids, strong, 4-in. pots, 6c; 3-in. pots, 4c. Stock is strictly first-class.
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Kaiserin roses, nice 3-in. plants, $5.00 per 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Roses. Bride and Bridesmaid, from 4-in. pots, good plants, $5.00 per 100; $40.00 per 1000. J. A. Cosgrove, Madison, N. J.

Roses, strong and healthy. Perle, Bride, and Bridesmaid, $5.00 per 100, from 3½-in. pots. H. E. Wilson, Rochester, N. Y.

Golden Gate roses, fine plants, 3-in. pots, $4.00 per 100; $35.00 per 1000. Ruxton Floral and Nursery Co., Ruxton, Md.

Bridesmaids, 3½-inch plants, strong healthy stock, $5.00 per 100. $40.00 per 1000. Edw. J. Taylor, Southport, Conn.

Crimson Rambler, C. des Blanches, C. Soupert, etc., fine, clean plants, 9c. W. H. Salter, Rochester, N. Y.

Brides and Maids, 2-inch, $2.00 per 100; $18.00 per 1000. McAllister & Company, Batavia, Ill.

IVORY ROSES. Fine strong 4-in. pot plants, $15.00 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Roses. Maids, Brides and Meteors, 4-in., fine, $6.00 100. Crabb & Hunter, Grand Rapids, Mich.

Bride and Maid roses, 3-in., $3.00 per 100, $30.00 per 1000. Cash with order.
ALBERT F. AMLING, Maywood, Ill.

Manetti stocks for fall delivery.
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Rubber plants, large-leafed, red-ribbed variety, 1st size $20.00 100, $175.00 1000; 2nd size $15.00 100, $135.00 1000. Bobbink & Atkins, Rutherford, N. J.

Rubber plants, per doz.—12-in., $2.50; 18-in., $3.50; 18 to 24-in., $5.00; 24 to 30-in., $7.00; 30 to 36-in., $9.00. Joseph Heinl, Jacksonville, Ill.

Rubber plants, 5-in. pots, 18-in. high, $3.00 and $4.00 per doz. William A. Bock, No. Cambridge, Mass.

Rubber plants, various sizes; prices on application. Ruxton Floral and Nursery Co., Ruxton, Md.

Top cuttings of Rubbers, 5 to 8 leaves, well rooted, out of 3-in. pots, $15.00 per 100.
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FICUS. We have a large stock and its fine. Send for price list.
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Salvias, 2¼-in., $2.00 100. Greene & Underhill, Watertown, N. Y.

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Florists' Mignonette. FOTTLER'S ECLIPSE is the finest strain ever offered; immense spikes, very fragrant, and highly colored. Greenhouse-grown seed, $1.00 per trade pkt. of about 2000 seeds. Catalogue on application.
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Giant Pansy seed, large-flowering varieties, 5000 seeds, $1.00; half pkt., 50c. Cinerarias, finest dwarf, 1000 seeds, 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Chinese primrose, finest grown, large-flowered, fringed, single and double, 15 var., mixed, 500 seeds, $1.00; half pkt., 50c. Daisy, double giant, white and rose, mixed or separate, 1000 seeds, 25c. Cash. A pkt. of new ever-blooming forget-me-not, "Constance," added to every order.
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PANSY SEEDS. The famous DIAMOND STRAIN. The best strain for florists, large size, perfect form, thick velvety petals, and greatest variety of rich and odd colors and markings. All varieties mixed; trade packet, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00. Cash with order.
PANSIES a SPECIALTY for over 25 years. L. W. GOODELL, Pansy Park, Dwight, Mass.

Pedigreed seed from Rosecroft Gardens. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Gold medal pansy, Mme. Perret, finest for cut flowers, won gold medal at Pan-American Exposition; the seed was supplied by me; same quality furnished; trade pkt. 50c, oz. $5.00. Giant Trimardeau, mixed, oz. $2.00. Other varieties at market prices.
BEAULIEU, Woodhaven, N. Y.

Cyclamen persicum seed, $4.00 1000 seeds. Asparagus Sprengeri seed, $1.75 1000 seeds. Prize strain pansy seed, Bugnot, Cassier and Odier mixed, or Giant Trimardeau, $2.00 oz. All fresh seed. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

New crop PANSY seed of the famous JENNINGS' strain now ready. Finest mixed pkt. $1.00; ½ oz. $3.00; oz. $5.00. Separate colors, red, white, blue, yellow and black, 50c pkt. Cash. E. B. Jennings, Box 254, Southport, Conn.

SEASONABLE FLOWER SEEDS. New crop, pansy, cineraria, calceolaria, Chinese primroses, mignonette, etc. Unsurpassed quality. Prices on application. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Fresh double HOLLYHOCK seed, white, pink, red, black, maroon and yellow, 10c per pkt. Allegheny, 15c per pkt. One pkt. each of the 7 varieties for 50c. Harvey B. Snow, Camden, New York.

New seed of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 5000, $30.00 10,000 seeds. Express prepaid. California Carnation Co., Loomis, Cal.

Cyclamen gig. seeds. Our own well-known strain. In separate colors, $7.00 per 1000 seeds, 75c per 100 seeds. Lehnig & Wionefeld, Hackensack, N. J.

PANSY SEED—New crop—My own saving—Every possible color, shade and marking—oz. $4.00; ¼ oz. $1.00.
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Wholesale price lists for florists and market gardeners.
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Pansy seed, ready in August, $4.00 oz. Jas. H. Cunningham, Delaware, O.

Zirnglebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirnglebel, Needham, Mass.

SMILAX.

We are HEADQUARTERS for SMILAX. Strictly first-class stock from 2¼-in. pots $1.25 100, $10.00 1000. Cash.
BUCKLEY PLANT CO., Springfield, Ill.

Smilax. Big, strong plants ready to run; they are fine and will surely please you, $1.50 100; $13.00 1000. C. Humfeld, Clay Center, Kan.

Smilax. Bushy plants, twice cut back, 2½-in. pots, $2.00 per 100; 3-in. pots, $3.00 per 100. J. S. Bloom, Riegelsville, Pa.

Smilax, 2-in., strong, bushy plants, $1.00 100, $9.00 1,000. Cash, please. Mail sample, 10c. R. Kilbourn, Clinton, N. Y.

SMILAX—SPECIAL PRICE.
From 2½-in. pots, $1.25 100, $10.00 1000.
B. FRANK BARR, Lancaster, Pa.

2000 smilax clumps, 1 year old, $10.00 per 1000; $1.25 per 100. Cash with order. H. P. Owen, Toughkenamon, Pa.

Smilax plants, 1200 3-in., strong, bushy plants, $2.00 per 100; $15.00 for the 1200. Geo. Brondrup, Dayton, Ohio.

600 2½-in. extra strong smilax (cut back), $2.00 per 100. Cash with order. Chapin Bros., Lincoln, Neb.

Smilax, strong, bushy plants, 2 and 2½-in. A postal gets our prices. M. A. Barick, Seymour, Ind.

Smilax. 3000 strong 2½-in. pots, been cut back twice. $2.00 per 100; $15.00 per 1000. Cash with order. H. P. Owen, Toughkenamon, Pa.

Fine smilax, cut back; 2-in., $2.00 per 100; $18.00 per 1000. Joseph Wood, Spring Valley, N. Y.

Smilax ready for benching; strong, 2½-in. $1.50 100, $12.50 1000. John Brod, Niles Center, Ill.

2000 smilax plants, strong 2½-in., $3.00 100. Murray The Florist, 403 Main St., Peoria, Ill.

Smilax. Fine stocky plants, 40 cts. per 100; $3.00 per 1000. Out of 2¼-in., $1.00 per 100.
J. C. Schmidt, Bristol, Pa.

Smilax, strong 2½-in. ready to bench, $2.00 per 100.
LEARNARD & SHIRLEY, Danvers, Mass.

Smilax, extra strong; 2½-in. pots, $2.50 per 100. Samuel S. Peckham, Fairhaven, Mass.

Smilax, 2¼-in., bushy, $1.50 per 100. W. G. Kreeber, Tremont St., New Bedford, Mass.

Smilax, strong heavy 1 year plants, $3.00 100. F. A. Baller, Bloomington, Ill.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C. Betscher, Canal Dover, O.

Smilax, fine plants, 2½-in., 2 plants in a pot. T. D. Brown, Adams, Mass.

Smilax, 2-inch, strong, 75 cts. per 100. M. J. Coventry, Fort Scott, Kans.

Smilax, from flats, $1.00 per 100. Edw. J. Taylor, Southport, Conn.

Smilax, 2-inch. $1.00 per 100. McAllister & Co., Batavia, Ill.

SMILAX, cut strings, good, $12.00 per 100.
EVENDEN BROS., Williamsport, Pa.

5000 smilax to close out cheap. Write
Geo. A. Kuhl, Pekin, Ill.

Smilax, strong, ready to shift, $1.00 100.
Wm. H. Woerner, Elwood, Ind.

1500 field-grown smilax, $3.00 100.
E. J. Cloud, Avondale, Pa.

Smilax, good, 2½-in., $2.00 100.
Harry White, R. R. No. 6, Wabash, Ind.

Smilax, 2-in., strong, $1.50 100.
Albert M. Herr, Lancaster, Pa.

Smilax, 500 3-in., $2.50 100.
Roney Bros., West Grove, Pa.

Smilax, 2-in., $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

STEVIAS.

Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Stevias, 2½-in., $20.00 1000; 3-in., $40.00 1000. Poehlmann Bros. Co., Morton Grove, Ill.

STRAWBERRY PLANTS.

Clyde and Warfield, most reliable sorts (immense croppers). Well-established young plants from pots, planted now and in August warranted to produce a full crop of the finest berries next spring. 50c per doz.; $3.00 per 100. F. A. Baller, Bloomington, Ill.

For the best POT-GROWN strawberry plants send to Wilfrid Wheeler, Concord, Mass.

UMBRELLA PLANTS.

Cyperus, very strong, 3-in., $3.00 per 100; 2½-inch, $2.00 per 100. J. S. Bloom, Riegelsville, Pa.

Umbrella plants. Fine, 3-in., $4.00 per 100.
W. W. Dedrich, Ashley, Ind.

VEGETABLE PLANTS.

CELERY PLANTS. STRONG TRANSPLANTED PLANTS $2.00 per 1000, 25c per 100. Liberal reduction on large lots. Write us. White Plume, G. Self-Blanching, Golden Heart and Boston Market. Veitch's Autumn Giant cauliflower, $1.50 per 1000, 20c per 100. Cash, please. Sample by mail 10c. R. Kilbourn, Clinton, N. Y.

100,000 first-class cabbage plants from field. Wakefield, Charleston, All Head, Winningstadt, Succession, Sure Head, Holland, Flat Dutch, $1.00 per 1000. Chase & Son, New London, Ohio.

1,000,000 Celery plants for sale. Assorted, $1.50 per 1000; $12.50 in 10,000 lots. Boston Market, Giant Pascal, Golden Heart, White Plume, Golden Self Blanching. Cash with order. J. P. Cannata, Mt. Freedom, N. J.

Cabbage Plants—Burpee's All-Head, Fottler's Brunswick, Succession and All-Seasons, field-grown, 15c 100, $1.00 1,000. J. G. Lehde, Forks, N. Y.

VEGETABLE PLANTS—Continued.

150,000 CELERY PLANTS, cultivated and strong. Giant Pascal, Schumacher, Winter Queen, Perf. Heartwell, Fin de Siecle, Michell's Far Superior and Golden Heart, $1.75 per 1000. Packed light.
HORACE RIMBY, Collegeville, Pa.
Plant grower for leading Phila. Seedsmen.

200,000 fine celery plants, at $1.00 per 1000. Giant Pascal, White Plume, Golden Heart, etc. Write for prices on large lots. Cash with order. W. T. Hillborn, Newtown, Bucks Co., Pa.

2500 selected Mayflower and Lorillard tomato plants, 3-in pots, 10 to 12 inches from top of pot, strong, $3.00 100. E. J. Cloud, Avondale, Pa.

Henderson's Snowball and selected Erfurt cauliflower, 2-in., 2c. W. H. Salter, Rochester, N. Y.

VERBENAS.

Lemon verbenas, bushy 2½-in. $3.00 100; 2¼-in. $2.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Mammoth verbenas, 2¼-in., $2.00; 3-in., $3.00; Lemon verbenas, 2-in., $2.00. Greene & Underhill, Watertown, N. Y.

VIOLETS.

Marie Louise violets, large, strong, healthy plants; worth double, but to make room offer at $10.00 1000; extra large plants, $14.00 1000; good strong plants from soil $7.00 1000. All No. 1 stock—your money back if not satisfactory. Cash, please. Wm. S. Herzog, Morris Plains, N. J.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
SWAN PETERSON FLORAL CO., Gibson City, Ill.

Marie Louise, Campbell and Swanley White, 2½-in. strong, $3.00 100, or $25.00 1000. California from soil, $1.00 100. All fit to bench now. Cash. Benj. Connell, West Grove, Pa.

Dorsett's single, 4-in., $15.00 100. Imperial, M. Louise and Swanley White, $2.75 100, $25.00 1000. Lady Campbell, $2.50 100, $22.50 1000.
Crabb & Hunter, Grand Rapids, Mich.

Marie Louise violets, strong plants, February struck, healthy and free from disease, $10.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Imperial violets, the best double violet grown. Strong plants from 2-in. pots, $3.00 per 100, $25.00 per 1000.
Central Michigan Nursery, Kalamazoo, Mich.

Imperial violet plants, 2½-in. pots, grown for our own use. Good plants, $2.50 per 100. Wise Bros., East Aurora, N. Y.

Extra fine field-grown Lady Hume Campbell violets, ready Sept. 1, $3.00 100. E. J. Cloud, Avondale, Pa.

Marie Louise violets, 2½-in., to make room, $2.00 per 100. Cash. Hill Floral Co., Morris, Ill.

MARIE LOUISE violets, fine healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

TO EXCHANGE.

To Exchange.—Zamia integrifolia (Florida sago palm), bbl. lots, 6c per lb.; Yucca aloifolia, Y. filamentosa, Y. rigida, $5.00 to $25.00 per 100, large specimens $1.00 each and up. Cash or exchange for bedding stock. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

To Exchange—Two large latanias, 8 to 9 ft., 13 to 14 leaves, for smaller palms or anything we can use; photo furnished if you are interested. Rott Floral Co., Bloomington, Ind.

To Exchange—Rubbers, clean strong 3-in. plants at $15.00 per 100, for a few thousand carnations. Let me hear what you have.
A. C. OELSCHIG, Savannah, Ga.

To Exchange—2000 Bridesmaids and 250 Brides, 3-in. pots, in exchange for chrysanthemums or smilax. H. W. Wieland, Bucks Co., Newtown, Pa.

To Exchange.—1000 A-1 Joost for Flora Hill and White Cloud. Otto Bourdy, Lowell, Mass.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
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Our box sells on its merits.
Send for sample.
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Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns, $1.00 per 1,000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Millington, Mass.

Fancy ferns, $1.00 per 1000; discount on large orders. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

Hardy cut ferns, first quality, 60c 1000 Baled spruce, bouquet green, etc
L. B. Brague, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
McKELLAR & WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

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WE MAIL SAMPLES ON REQUEST.
PURE BONE MEAL for Greenhouses. The brand we are selling has no superior. It is pure bone, guaranteed free from acids, and is sold at as low rates as many inferior brands, which cannot be used with safety in greenhouse culture. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 60c; 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 1,000 lbs., $15.00; ton, $27.50.
PULVERIZED SHEEP MANURE.—The most effective of all fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have, we feel assured of their patronage. Price per sack of about 2 bushels, weighing 90 to 100 lbs., $1.50; 500 lbs., $5.00; ton, $15.00.
HORN SHAVINGS, 5 lbs., 40c; 10 lbs., 70c; 25 lbs., $1.00; 100 lbs., $3.50.
E. H. HUNT, 76 Wabash Ave., Chicago.

FLORISTS' BONE MEAL, a tried and tested brand, per sack (200 lbs.), $3.25; per ton, $28.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Bone meal, best for florists, 200 lb. bag, $3.50. A. M. Herr, Lancaster, Pa.

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Wax Flowers and Wax Floral Designs.
J. Stern, 1928 Germantown Ave., Phila., Pa.

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GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GREEN GALAX LEAVES, postage prepaid, 60c per 1000. H. H. Hill, Victoria, Macon Co., North Carolina.

Bronze galax leaves, $1.00 per 1000. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

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Try LUCAS for Glass, Paint and Putty.
4 pamphlets on Glass tell you all about it.
Write JOHN LUCAS & CO., Philadelphia, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 30 Sudbury St., Boston, Mass.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

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Hunt's TYPHOON BRAND. The best Hose for greenhouse use. It stands the wear of dragging and pulling around bench posts. Price low for quality. Three-quarter inch, 7-ply black:

50-foot	$ 7.50
100-foot	14.00
200-foot	26.50
300-foot	39.00

Cut to 25 ft. lengths if wanted. Fitted with either coupler, Acme or plain.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Mineralized Standard; best Hose made; ¾-in.; 3-ply, 7¾c. Mineralized Rubber Co., 118 Cliff St., New York.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
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Rose lice, red spider and mildew on rose bushes prevented by SULPHO-TOBACCO SOAP. Write for our special offer to florists.
LARKIN SOAP CO., Buffalo, N. Y.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

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GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

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BAMBOO PLANT STAKES for chrysanthemums, etc. Strong ⅜ to ½-inch, 4 to 6 feet, per 400 $2.50; per 1200 $6.00. Cash with order.
C. H. JOOSTEN, Importer, 178 Chambers St., New York.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

The Whildin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
C. C. POLLWORTH Co., Milwaukee, Wis.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

Sphagnum moss. L. B. Brague, Hinsdale, Mass.

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American brand FLORIST FOIL—The standard foil of America. John J. Cooke Co., 136 Grand St., New York.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

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We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
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Our Stock Will Please Your Customers.

WE HAVE A FINE AND LARGE STOCK OF

KENTIAS, LATANIAS, ARAUCARIAS, ASPIDISTRAS, FERNS, BAY TREES and Miscellaneous **Decorative Stock.**

COOL GROWN AND IN EXCELLENT CONDITION.

CATALOGUE ON APPLICATION.

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Mention The Review when you write.

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We can still furnish the following varieties from 2½-in. pots. Thrifty young plants, well established, ready for immediate shipment. Our selection of standard varieties, early, mid-season and late, $20.00 per 1000; $2.00 per 100. Reduction from List on large orders.

WHITE.	100
T. Eaton	$4.00
Ivory	3.00
Willow Brook	3.00
Nellie Pocket	4.00
Polly Rose	3.00
Niveus	3.00
Mayflower	3.00
Geo. S. Kalb	2.50
M. Monarch	2.50
M. J. Jones	3.00
Queen	3.00
Mrs. H. Weeks	3.00
Mdlle. Lucie Faure	3.00

YELLOW.	
Col. D. Appleton	$4.00
Philadelphia	5.00
Robt. Halliday	3.00
Golden Wedding	4.00
R. H. Pearson	6.00
Yellow Mayflower	3.00
Mrs. E. D. Smith	4.00
October Sunshine	3.00
Mrs. J. Whildin	2.50

YELLOW.	100
Liberty	$4.00
Eclipse	4.00
Modesto	3.00
E. Dailledouze	3.00
H. A. Parr	2.50
Major Bonnaffon	3.00
Nagoya	3.00

PINK.	
Orizaba	$6.00
Mary Hill	4.00
Lady Playfair	2.50
Xeno	3.00
Maud Dean	4.00
Yanariva	6.00
V.-Morel	4.00
Adele	3.00
Lady Harriett	4.00
J. K. Shaw	3.00
Glory of the Pacific, red and bronze	3.00
G. W. Childs	4.00
Intensity	4.00
John Pockett	6.00
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Mention The Review when you write.

LILIUM HARRISII.

Our stock has arrived in excellent condition, firm, plump Bulbs.

5x7-inch.....per 100, $ 5.00 per 1000, $ 48.00
7x9-inch..... " 11.00 " 105.00

For other **Bulbs** see our **price list** just sent out. We can fill your order satisfactorily.

WALTER MOTT SEED & BULB CO.
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W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of Ornamental Trees, Shrubs, Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

SEND ADVS. NOW FOR OUR Convention Number..... TO BE ISSUED AUGUST 21st.

Just Arrived.....

First Consignment of **FRENCH BULBS**

WE CAN SUPPLY FOR IMMEDIATE DELIVERY

White Roman Hyacinths, finest quality bulbs, 12-15 cm. in circum., $3.00 per 100; $26.00 per 1000.

Narcissus Paper White Grandiflora, $1.00 per 100. $9.00 per 1000.

Callas. We can offer an unusually fine stock of these for delivery early in August at the following low prices, viz.:

Extra quality bulbs,	1¼ to 1⅝-inch	diameter	$ 5.00	per 100	$40.00 per 1000
Selected	" 1½ to 1¾	" "	6.00	"	50.00 "
Mammoth	" 1¾ to 2	" "	8.00	"	70.00 "
Exhibition	" 2 to 3	" "	10.00		

Freesias. Selected bulbs, ½-inch and up in diameter.....$0.75 per 100; $6.00 per 1000
Mammoth " ¾ " " " " " ..... 1.00 " 8.00 "

Lilium Harrisii. Finest selected bulbs, 6 to 7-inch in circum., case 350 bulbs for $17.50; in less quantities, $6.00 per 100. Finest selected bulbs, 7 to 9-inch in circum., case 200 bulbs for $20.00; in less quantities, $11.00 per 100.

Lilium Longiflorum. **(Bermuda-grown.)** Bulbs 7 to 9-inch in circum., case 200 bulbs for $20; in less quantities, $11 per 100.

Bermuda Buttercup Oxalis, 75 cts. per 100; $6.00 per 1000.

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

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FANCY

DAGGER

Hardy Cut Ferns

First Quality, 60 cts. per 1000.

Also Dealer in

Christmas Trees, Baled Spruce for Cemetery Use, Bouquet Green, Sphagnum Moss, Etc.

L. B. BRAGUE, Hinsdale, Mass.

Mr. Brague will have an exhibit at Asheville Convention.

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Latania Borbonica

for growing on, 3-inch pots, fine plants, $6.00 per 100.

J. B. HEISS, The Exotic Nurseries, DAYTON, OHIO.

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YOU OUGHT TO TRY

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at **$3.75** per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

B. & A. SPECIALTIES Dutch, French, Chinese and Japanese BULBS

English Manetti, $12.00 per 1000 } Special prices on
French " 10.00 " } large quantities.

BOBBINK & ATKINS, Ask for our SPECIAL WHOLESALE BULB LIST—NOW READY. RUTHERFORD, N. J.

Mention The Review when you write.

BOILER AND PIPING.

I have a boiler with 17 3-inch flues 5 ft. long. Would that be sufficient to heat a house 16x80 ft. to 60 degrees and a violet pit 4 ft. wide and the length of the house, down here in Texas where the thermometer very seldom registers as low as zero and some winters the coldest weather is only a slight freeze?

I intend using about 350 feet of 3-inch pipe in main house and 160 ft. of 1½-inch pipe in violet bed. Is that about right? Would my boiler heat any more than above space? There would be about 2,000 ft. of glass exposed. Will heat with water.

TEXAS.

Replying to "Texas" he, unfortunately, does not state the grate area contained in the boiler, but assuming that the grate is in proportion to the amount of flue surface he quotes, the boiler will have capacity to heat the house he describes comfortably. The 16-ft. wide house should have not less than five lines of 3-inch pipes, in fact, it would be safer to put six lines, putting three lines under each of the side benches, one flow and two returns; this will be liberal surface for the ordinary mild winter in that latitude, and will be sufficient to maintain the desired temperature in a sudden severe cold snap with a little stronger firing. The amount of pipe contemplated in the violet bed will give the desired results.

HENRY W. GIBBONS.

New York.

SPRINGFIELD, MASS.

Trade in general is quiet here with the exception of an odd funeral design. Good carnations are very scarce and asters are being used as a substitute.

Mr. Collis, of Chicopee Falls, is going to erect a new carnation house, 18x110 feet.

Albert A. Smith, of Ludlow, will add an extension of 70 feet to his carnation house.

Holyoke as well as Springfield anticipates an abundance of carnations for the coming season, owing to the many new houses that are being built in the surrounding towns. INO.

BEGONIA LORRAINE.

Replying to T. D. B., the blooms need not be picked off the young plants. You will find several comprehensive articles on the culture of this begonia in previous issues of the REVIEW.

BOULDER, COLO.—The first mid-summer meeting of the Colorado State Horticultural Society was held here July 23 and 24.

ROCHESTER, N. Y.—W. A. R. Morehouse, formerly with James Vick's Sons, has resigned his position with that firm.

SEND ADVERTISEMENTS now for our Convention Number to be issued Aug. 21.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0 75	$ 5 00
" "	3	8 to 10			1.00	8 00
" "	3½	12 to 15			2.00	15 00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15 00
" "	3½	12 to 14	5 to 6	.25	3 00	20.00
" "	4	14 to 16	5 to 7	.30	3.60	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4 00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10 00	
" " strong	8	26 to 30	7 to 10	1.50	18.00	
Asparagus Sprengeri	2				.50	3.00
" "	3				1.00	8 00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Plu. Nanus	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6 00	
Pandanus Veitchii	5			1.00	12.00	
" "	6			1.50	18.00	
" "	7			2.50	30.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Nephrolepsis Bostoniensis	3				1.00	8 00
" "	5				3.00	25.00
" "	7				9.00	
" "	8				12.00	
" "	9				18.00	
" "	10				24.00	
Assorted Ferns, for fern dishes, 2-inch pots						3.00

Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

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AUGUST 21st.

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FOR IMMEDIATE PLANTING.

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Send for samples and prices.

JOHN WOLF, - Savannah, Ga.

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We have in stock about twelve thousand Araucarias, on which we are in a position to offer special values. It will pay yon to procure your next winter's supply now and not only gain the benefit of the summer's growth but also cheap transportation rates, as theae planta can be safely shipped by fast freight during the summer months.

ARAUCARIA EXCELSA.

4-inch pots,	5 to 7 inches high,	2	tiers		$0.35 each
5 " "	8 to 10	" "	3	"	.50 "
6 " "	10 to 15	" "	3 to 4	"	.75 "
6 " "	16	" "	4	"	1.00 "
6 " "	20	" "	4 to 5	"	1.25 "
7 " "	24	" "	4 to 5	"	1.50 "

ARAUCARIA EXCELSA GLAUCA.

5-inch pots,	8 to 10 inches high,	2	tiers		$0.75 each
6 " "	12	" "	2 to 3	"	1.00 "
6 " "	15	" "	3	"	1.25 "
7 " "	18	" "	4	"	1.50 "

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3	tiers		$1.25 each
6 " "	12	" "	3	"	1.50 "

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The following strictly high grade varieties **true to name.** All from 2½-inch pots:

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The best, strongest and neatest folding cut flower box ever made. **Cheap, durable, handy.** To try them once is to use them always.

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If you have any doubt, send for samples, which speak for themselves.

Size No. 1	3x4½x16	$1.75 per 100;	$15.00 per 1000	
" No. 2	3x6x18	2.00 "	18.00 "	
" No. 3	4x8x18	2.40 "	22.00 "	
" No. 4	3x6x20	2.75 "	25.00 "	
" No. 5	4x8x22	3.00 "	28.00 "	
" No. 6	4x8x28	3.75 "	35.00 "	

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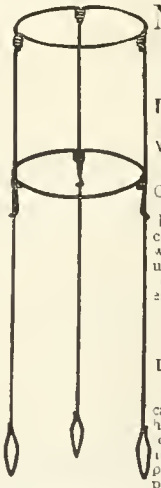

NOTICE. **The Model Plant Stake Co.,** formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING, L. I., Dec. 11, 1901.
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Parker-Bruen Mfg. Co.
Dear Sir: I have used your Wire Carnation Supports for the last two ears, in all about 12,000. They fill he bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for ou to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. THORNE.

LA FAYETTE, IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.
Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come o the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. DORNER & SONS CO.

Galvanized Steel Rose Stakes.

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208 Jersey Street,
HARRISON, · NEW JERSEY.

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FANCY or DAGGER FERNS 75c per 1000; Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Discount on ferns and laurel in large quantities.

Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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JOSEPH HEACOCK,
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JUPITER will be offered in all the leading catalogues in this country and Europe as the greatest novelty for 1903. Send in your orders early for autumn delivery. Strong plants, **$2.00** per doz., prepaid; seeds, **$3.00** per lb.; 5 lbs., **$2.75** per lb.; 10 lbs. and over, **$2.50** per lb. Life-size photo with every order of 5 lbs. of seed.

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New Crop Seed Now Ready.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:
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I grow only pansy seed and plants, and only the finest. Plants ready Sept. 1 at $4.00 per 1000. Finest Mixed, pkt., $1.00; ½-oz., $3.00; 1-oz., $5.00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

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GROWER .....OF **Palms, Etc.**
Send for Price List.
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KANSAS CITY, MO.

Business, from the retailer's standpoint at least, is down to the ordinary summer volume. This means that aside from the occasional batch of funeral work business is "nit." Sweet peas, which sold well earlier in the season, are a glut and your correspondent knows of at least one case where they were retailed at three bunches for a dime. Asters are in and of good quality, but don't seem to go with the spirit exhibited in former years. Some roses have made their appearance, cut from this year's planting, but they are of a very poor order, and the market would be better off without them.

Your former correspondent, Harry Millatt, has left us for Seattle, Wash. Harry writes us on the way that he is enjoying the trip and will stop over at Salt Lake City a few days.

Relatives of Arthur Newell have received word that he arrived safely on the other side of the water, a few pounds lighter, but Arthur can spare that.

Ben Humiston passed through here on his way to Chicago, after having been for some time with Geo. M. Kellogg, at Pleasant Hill, Mo. Ben is an exceptionally good rose grower, and we wish him success in his new field.

John H. Vesey.

Marion, Ind.—Gunnar Teilmann is cutting a fine crop of Queen of the Market asters which he is shipping to E. C. Amling, Chicago. J. W. Bernard has built a fine office and is rebuilding three of his houses. F. W. Herleman has added a propagating house. Gunnar Teilmann has built a $400 shed and office and is rebuilding two houses. Chrysanthemums are all planted and are looking fine. Carnations in the field never looked better. Preparations to house them will begin at once.

Clarksville, Tenn.—James Morton, the florist, made an assignment July 21, naming Quint C. Atkinson assignee. The liabilities are $4,675.12, with assets consisting of his garden and equipments, upon which are mortgages to the amount of $3,500, and accounts amounting to $424.60. The failure is attributed to the hail storm of a year ago, which devastated the garden and greenhouses and caused Mr. Morton to fall behind with his out-of-town creditors.

Jamestown, N. Y.—The Lake View Rose Gardens and the Walter Mott Seed & Bulb Co., are making extensive and very attractive exhibits at the Celoron Chamber of Commerce Exposition, in which all the leading manufacturers and merchants of the city are represented. The seed company has lately made some very attractive window displays at the store that have been warmly praised by the local press.

Referring to his adv. in the Review, Mr. A. C. Oelschig, Savannah, Ga., writes: "Results proved very satisfactory. All we could do to fill orders."

A full report of the Asheville convention will appear in our Convention Number, to be issued Aug. 21st.

Excursions Abandonded.

Excursions to New York City, Atlantic City and Montreal, advertised by the Wabash for July 31, August 7 and 14, have been abandoned.

SHORT-ROOF GREENHOUSES. (PATENTED.)
WRITE FOR CATALOGUE.
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California Red Cedar and Louisiana Cypress Greenhouse Material,
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Pat. Sept. 18, 1900.

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Patent Iron Bench Fittings and Roof Supports,
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SEND FOR CIRCULARS. DILLER, CASKEY & CO., Successors to JENNINGS BROS. S. W. Cor. 6th and Burke Sts., PHILADELPHIA, PA.

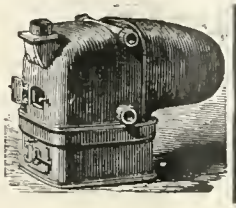
THE CHRYSANTHEMUM SOCIETY.

The regular exhibition of the Chrysanthemum Society of America will be held Nov. 11th to 15th, in the Art Institute, Chicago, in connection with the annual fall show of the Horticultural Society of Chicago. Copies of the premium list may be had by addressing the secretary, Edwin Lonsdale, Wyndmoor, Pa., or E. A. Kanst, 5700 Cottage Grove ave., Chicago.

Dayton, O.—The Miami Floral Co. is erecting three 200-ft. houses on South Broadway for fancy carnations, the demand for these flowers having greatly expanded. Mr. E. C. Bissell is the practical man in charge and on that account it is safe to predict success. The new company is composed of Messrs. Wm. Kilfaber, Chas. E. Pease and W. G. Matthews. The latter is also proprietor of the Dayton Floral Co. They have 17½ acres of excellent land and the buildings are thoroughly modern.

Macon, Ga.—The twenty-sixth annual session and exhibition of the Georgia State Horticultural Society will be held here Aug. 6th and 7th. A very interesting and instructive program is announced. A rate of one and one-third fares for the round trip to this city on the certificate plan has been granted by the railroads from all points in Georgia, Alabama, Tennessee and South Carolina. Copies of the program and other information may be had by addressing the secretary, Mr. L. A. Berckmans, Augusta, Ga.

The Convention Number of the Florists' Review
will be issued AUGUST 21st
and will contain a report of the Asheville Convention.
SEND ADVS. NOW FOR THIS NUMBER.



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SOCIETY OF
AMERICAN FLORISTS'
NATIONAL CONVENTION
AUGUST 19-22, 1902
ASHEVILLE, NORTH CAROLINA

For this convention the "Big Four Route" (C. C. C. & St L. Ry.) will sell tickets August 16, 17 and 18—good for return leaving Asheville not later than August 25, at one fare ($20.00) for the round trip from Chicago, with like reduced rate from all "Big Four" stations.

Florists' special train will leave Chicago 8:30 P. M. Sunday, August 17 running via "Big Four" to Cincinnati, thence via the Queen & Crescent and Southern Railways. Monday forenoon will be spent in Cincinnati sight-seeing, etc., leaving there 2 P. M. on the Florists' special. Every florist should make a big effort to attend this convention, the first to be held in the beautiful Southland.

For berths in sleepers from Chicago or Cincinnati, and further information call on, or address

E. F. WINTERSON, Pres. Chicago Florists' Club, 45 Wabash Ave., CHICAGO.
or
J. C. TUCKER, Gen. Nor. Agt. "Big Four," 234 S. Clark St.

Mention The Review when you write.

Asheville, North Carolina
"THE LAND OF THE SKY."
The eighteenth annual meeting of the
SOCIETY OF
AMERICAN FLORISTS
Will be held at Asheville, August 19-22, 1902

Low rates have been made via the Queen & Crescent Route and Southern Railway. Special train, composed of Pullman sleepers, will leave Cincinnati Monday, August 18th, 2:00 P. M., via Queen & Crescent Route, and run through to Asheville via Southern Railway, arriving at Asheville next morning at 7:00 o'clock.

Members will meet at Cincinnati and all go through together from there.

For sleeping car reservations and full particulars regarding rates, write

J. S. McCULLOUGH, N. W. P. A. Southern Ry. 225 Dearborn St. Chicago.
W. A. BECKLER, N. P. A. Queen & Crescent Ry. 113 Adams St.

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FOR OUR
CONVENTION
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TO BE ISSUED
August 21st.

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ACCOUNT OF THE CONVENTION OF THE SOCIETY OF
American Florists and Ornamental Horticulturists,
To be held at Asheville, N. C., August 19 to 22, the SOUTHERN RAILWAY announces one fare for round trip on all its lines. Through Pullman Cars from all principal cities. Special Dining Car features, etc.

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Is a book that you need in your business.
If you haven't a copy already, order one now.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

Subscription, $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

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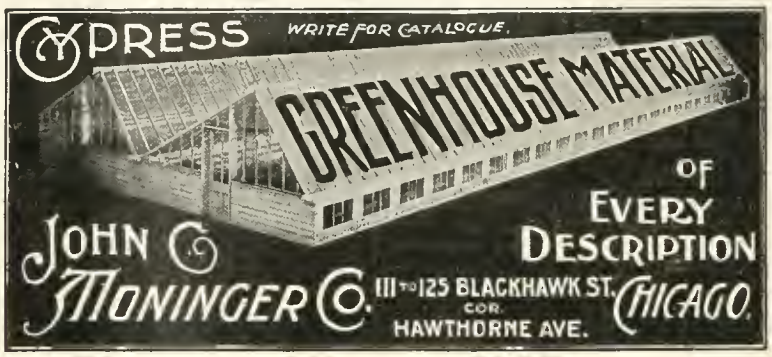

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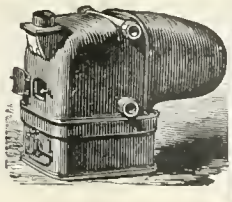

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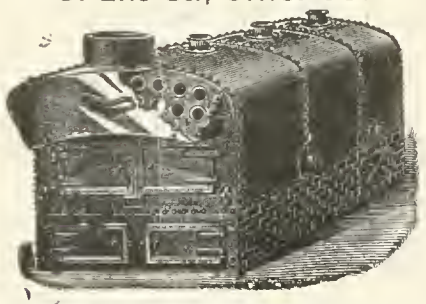

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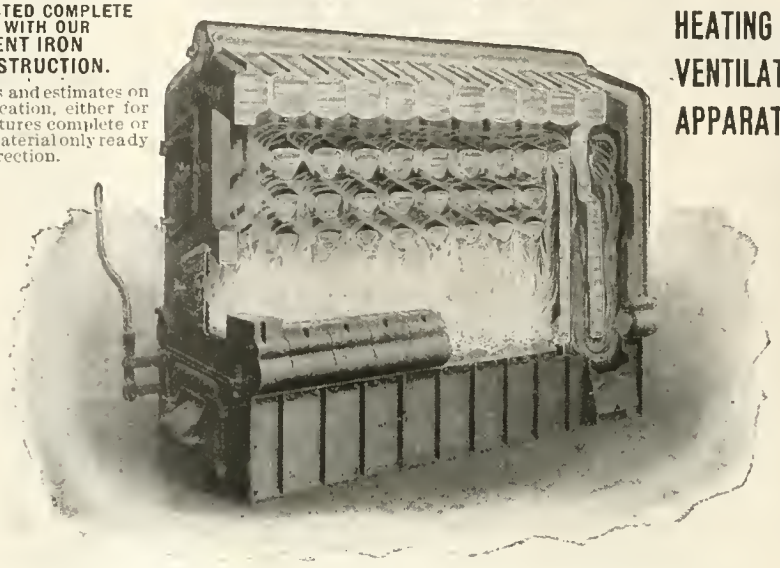

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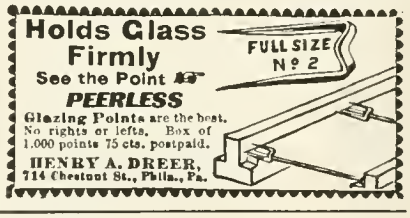

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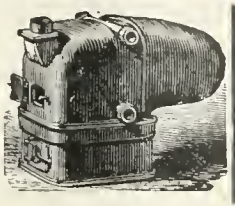

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Vol. X. CHICAGO AND NEW YORK, AUGUST 7, 1902. No. 245.

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700 BRIDES, 475 MAIDS, 625 GATES, $6.00 per 100.

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By laying in a stock of our **"Hot Weather Specialties"** the **Summer Months** can be made profitable. Send to us for **everything** in "Up-to-Date" Florists' Supplies and we will save you money. We are **headquarters.** Special inducements for quantities.

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Lilium Harrisii, Etc.

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Good Assortment, Standard Varieties, from 2¼-in. pots, **$2.0** per 100.

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will be issued AUGUST 21st and will contain a report of the Asheville Convention.

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	12	100	1000
White Roman Hyacinths, sound, clean 11x15 cm.	$0.35	$2.40	$22.00
White Roman Hyacinths, sound, clean, 12x15 cm.	.45	2.60	23.50
Narcissus, True Grandifl. Paper White, 13 cm. up	.15	1.00	8.00
Freesia, Best White Stock, choice, ⅜-in. up	.05	.40	3.00
½ inch up	.10	.60	4.50
Mammoth	.15	.85	7.00
Cyclamen Persicum Gigant. Superb English strain in finest mixture, white, rose, crimson, with red eye, large bulb	1.00	6.50	
Oxalis, Bermuda Buttercup, 1st size	.15	.90	8.00
2nd size	.10	.75	6.00
LILIES.			
Lil. Harrisii, healthy unblemished stock, 5x7-in	.60	4.50	44.00
7x9-in	1.50	10.50	100.00
9x11-in.	2.75	20.00	
Lil Candidum, North'rn grown, thick petalled, florists' **best paying** stock, 1st size	.65	4.75	45.00
2nd size	.60	4.50	40.00

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Our well known Calla stock we handled for **20 years. No disease.**

	12	100	1000
3x5-inch circum	$0.60	$4.00	$35.00
4x6-inch "	.75	5.50	50.00
5x7-inch "	1.00	7.50	70.00
Mammoth (scarce)	1.50	10.00	

PANSY SEED to sow now.

Berger's Never-fail Mixture, our own selection of the finest strains all sorts, all colors, 100 seeds 25c 5000 seeds $1.00; 1 oz., $2.50.
Pansies in separate colors, white, black, yellow, red, blue copper, bronze, violet, purple, four colors, etc., 1000 seeds, 25c; 5000 seeds, $1.00; 1 oz., $2.00.
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Any favorite named sort in stock.
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CARNATIONS

from the Field. Strong, Healthy Plants.

300 Prosperity, 200 Lorna, $10.00 per 100.

3500 Lawson,	2000 Joost,	800 Marquis,
2000 Crane,	1000 Maceo,	200 Norway,
4000 W. Cloud,	700 Lord,	2000 Glacier,
4500 Triumph,	150 Irene,	

1000 Morning Glory.

First size, $8.00 per 100; second size, $5.00 per 100.

ROSES—Brides and Bridesmaids, 2½-inch, $3.00 per 100. Meteor, 3-inch, $5.00 per 100. Golden Gate and Kaiserin, 4 inch $8.00 per 100.
Cash or C. O. D.

W. J. & M. S. VESLY, Ft. Wayne, Ind.

THE RETAIL FLORIST.....

Window Boxes and Vases.

The majority of the window boxes and garden vases that are filled with geraniums specially grown for market or auction trade have been flat failures, as far as we have seen, this summer. Many of those outside the principal hotels and restaurants have had to be refilled with such plants as aspidistras, Aucuba japonica, Ficus elastica and mixtures of small palms, ferns and foliage plants, which have all done remarkably well and consequently are doing much to encourage a more extensive use of them. Growers of geraniums and other soft-wooded bedding plants adopt extreme measures in order to get their plants in condition for the early market. The consequence is that after what we may call the market blooms are off the plants take too long to recuperate. The vitality of soft-wooded plants is not such as can long withstand the fertilizers used and it might be well for retailers to see that ultra artificial methods are not employed to produce fleeting beauty where it is needed to last a reasonable length of time. A distinction should and must be made between the street fakirs or peddlers and legitimate store trade. One is responsible, the other is not.

Some very pretty window screen boxes can be made entirely of ivy and Euonymus radicans var. A low trellis is used in the back to train as desired. There has been more ivy used this year than in almost any other two years. It has done well and will suffice when the time comes to plant coniferæ. Speaking of coniferæ reminds us that some very beautiful effects can be produced by planting beds containing a variety of very small evergreens. This style of bedding out is becoming very popular, for it has a permanent summer and winter attractiveness about it that appeals to a great many. Some very notable examples of this style are to be seen at Newport, R. I.

Cobæa scandens is being much used for screen work, and looks very pretty with its white and blue bell flowers. Thousands upon thousands of the California privet are being used for partition screens. It makes a cheap, rapid and most effective screen. More of it might be used thus all over the country, particularly out west. The city florist's store is a dull, sleepy place during midsummer months' hot days, but green foliage always looks cool and refreshing. For this and greater business reasons your windows, even if business be extremely poor, should be kept attractive. A few clean plants, an occasional vase of flowers, and change the design every few days.

Preparing for Christmas.

These need not be dull days. You can be busy preparing for Christmas. It is better to stem up your immortelles and make up your Christmas bells now, even just a little at a time, than be working at it all nights during December, after putting in long, hard days. There will be a big demand for neatly made red immortelle bells next Christmas, and you can get your material ready now, and you can make them up nicer with plenty of time. Cover them with tissue paper and pack them away in some clean, dry place.

Newport.

Newport, R. I., is now the busiest place in the United States from a retailer's standpoint. It's a good place for those who want to get posted on summer flowers and styles to spend a few days or a season. Pity it seems to us that a great floral fete couldn't be organized there. Those who can should not miss seeing the Saratoga carnival next month; it is worth seeing. The only disagreeable feature about it is that the local, and outside florists, also, do the work too cheap, in some instances for almost nothing, in order to keep it from a rival. Rivalry in trade doesn't necessitate doing work for nothing. They who do it injure themselves and the trade, and breed impecuniosity among flower buyers.

There promises to be a good time and some very useful information, as usual, in connection with the S. A. F. convention. Some of the supply dealers have returned from Europe with the latest in designs. It is to be hoped that a goodly crowd of retailers will attend, and not only be there, but take part in whatever discussions may arise pertaining to the retail trade. At future conventions we hope to see practical lessons given in decorative art and color combinations, something that will instruct the eye as well as the ear.

Funeral Designs.

A recent visit to all the principal stores of New York was almost fruitless as far as information for this department is concerned. There is very little doing beyond funeral work, and there is absolutely nothing new. Galax leaves and purple asters are the principal funeral design materials recommended, and there is more money in it than aught else, providing you get a chance. Asters are more plentiful and of better quality than seen here before. They constitute a leading flower to keep in stock. It is wise to always have a goodly share because you are then always ready to put up a design on short notice, and that is frequently the case in hot weather. There are many beautiful types of asters never seen on our markets which it would be well to get acquainted with. Most growers go in for cheap seed, which cannot but produce poor flowers. The aster is an important flower, deserving of the highest development for summer and winter use, both as pot plant and cut flower.

Annuals.

This brings us to that important class of flowers classed as annuals, which are now in full glory, and a great many of them are very useful for cutting. Zinnias are extra fine for general decorative purposes, but especially for bizarre designs, such as we see at floral parades, because they last so well and then the colors are very brilliant, two most important characteristics of the commercial flower. Then there are African marigolds, both the lemon and the orange; they are very good for solid work. You can do some fine ribbon work with the above flowers. Then for indoor decorations balsams are beautiful, and poppies are grand. If you wish to please any Parisian or æsthetic eye let them see a nice, simple arrangement of white and yellow poppies, or the brilliant reds alone. True, such flowers are very delicate, but there is lots of beauty that is only skin deep, and it is generally most valued when it is most delicate. In this class are the nasturtiums, and how beautiful they are—nothing finer for the

A Floral Pillow.

small dining table; they are general favorites for small vases in country homes. And then there are the antirrhinums and penstemons, and that pretty flower, Physostegia virginica, called the "obedient plant," because you can move the florets any way and they will stay so. This could be made an attraction for anyone who is on a marketing street. We can recommend Lobelia cardinalis rubra both for cut flower and colored foliage; it is fine for grouping.

Table Flowers.

You need not lack for table flowers where there are cannas to be had. They give the most brilliant, yet soft, effect and are lovely when arranged with delicate fonage. Hydrangea paniculata is coming in and will soon be very abundant. Don't despise it because it is plentiful, for it is one of our most useful flowers. It enables you to give poor people a better show for their money in the way of funeral designs, and it can be used for almost any occasion. Cattleyas are very scarce, in fact, all choice greenhouse flowers are to be had only in very small quantities. Allamandas are used considerably for table decoration. They are fine with adiantum. We use small privet for stemming them on.

Carnations are poor. It's a wonder to us that some of our extensive growers don't go in more for summer carnations. Marguerite carnation is a useful flower to small dealers. There is nothing that makes a prettier show at present than good single petunias, verbenas and phlox Drummondii; they are good for table work, too, if cut in the early morning.

We have often thought it queer that so many of our florists' places are so bare looking, inasmuch as they get little for their plants in late spring. Plants used to beautify one's own home are far more profitable than those sold under cost of production. Golden rod is now abundant on the hillsides; so are the rudbeckias, but we'll speak of them in our next. IVERA.

FLORAL PILLOW.

The accompanying engraving is from a photograph of a pillow arranged by Mr. Robert Main, of Main & Fear, Gloversville, N. Y.

The links are made of Maceo carnations over a ground of white. Pale blue chiffon is used to add lightness and grace to the design.

We are inclined to think the design would have been better without the chiffon, though it may have looked all right in the original. The arrangement of the flowers seems excellent.

HOUSING CARNATIONS.

Working Under Adverse Conditions.

The first picture presented herewith shows a gang of men lifting carnation plants from a corner of one of the fields at the establishment of Bassett & Washburn, Hinsdale, Ill. It well illustrates the great difficulties under which carnation growers in this section have labored this season. Only once during the season was it possible to work the ground, and the weeds got decidedly the best of the situation. This firm finished housing carnations Aug. 1st, the day the photograph was taken, and it is remarkable that the plants average as good as they do, in view of the field conditions this season. Anyone who has seen the well-tilled carnation fields of this firm in former years will appreciate what it meant to be unable to even get into the field to pull weeds, to say nothing of cultivating. The rainless days of last week were utilized to hurry all the remaining plants into the houses.

Lifting Carnation plants from the field.

Another drawback in planting this year was that it was impossible to mix the soil out of doors. As will be seen by the second picture, the soil was put in the bench, the bone meal sprinkled on top and mixed in with the spade on the bench. The view also shows the operation of planting in progress.

The third picture shows a gang of men emptying the soil from a rose house. The plank runway rests upon a set of long horses that can be quickly changed from one walk or house to another. The barrows are narrow iron ones, such as are used in handling iron ore. This has been found to be the best and most economical way of emptying and filling houses at this establishment.

In all the houses on the place the tile-bottomed bench is used and is considered much the most economical in the end. The construction of this bench can be seen at the left in the picture.

AMERICAN CARNATION SOCIETY.

The preliminary premium list for the exhibition of the above society, to be held in Brooklyn, N. Y., next February, has been issued.

In addition to the usual classes for new varieties there are prizes of $12 and $6 for 100 blooms each of white, light pink, dark pink, scarlet, crimson, yellow variegated, white variegated and any other color. Then there are prizes of $6 and $3 for 50 blooms in same classification of colors as above, and again $3 and $1.50 in classes of 25 blooms each, same colors.

Three sets of special prizes are offered for collections of blooms arranged for effect, one calling for not more than 100 blooms of each variety, another for not more than 75 blooms of each, and the third for not more than 50 blooms of each. Undisseminated varieties not admitted.

The society's silver cup is offered for the best exhibit of 200 blooms, any variety, any color. Prizes of $15 and $10 are offered for collection, one bloom of each variety. The gold, silver and bronze Lawson medals are offered for the first, second and third best vases of 100 blooms, any variety, any color.

The Society of American Florists' silver and bronze medals are offered for the first and second best vases of 50 blooms of an undisseminated variety of American origin.

Copies of the advance list may be had by addressing Albert M. Herr, secretary, Lancaster, Pa.

ROSES.

Seasonable Hints.

The benches which are to be carried over another season, after being pruned, tied down and the eyes nicely started, should have a light, rich mulch to encourage the making of feeding roots. It is much better to put the mulch on lightly, say one inch thick, and renew frequently, than to run the risk of souring the soil by a heavy coating.

The new rose, Ivory, is one of those roses which, while in a young stage, is apt to give the grower a fit of the blues. From its puny appearance and habit of making weak, sprawling wood, it looks as if it would never amount to anything. By persistent cultivation and copious supplies of water during bright weather it soon assumes quite a different character, and shows signs of being almost as vigorous a grower as its parent, Golden Gate, and quite as free a bloomer. The bloom is a pure white, long and well pointed buds of a good size, the petals are of good substance, which gives it all the points to make it a good keeper and shipper. Thus far it bears out the standard of excellence given it by the disseminators, and if it stands up against hot weather, as they claim it does, it will indeed be an acquisition.

So many roses have been put on the

Preparing Soil and Planting Carnations.

market in recent years with such inflated credentials and which have proved such miserable failures that it is quite a pleasure to find one which does bear out its reputation. RIBES.

BUSINESS METHODS FOR BUSY FLORISTS.

IX.

Sundry Expenses.

Every *business* man keeps his goods and buildings insured against loss by fire. In this business great damage can be done in a few minutes by fire. Fire insurance is therefore all the more imperative. A great many good companies will not insure greenhouse property at all, others will take good risks, while still others will take all risks. The rate of premium depends a great deal upon the proximity of the buildings to fire protection in the larger cities. But the main things considered by underwriters in placing insurance are the general reputation of the insured and the condition of the premises at the time of placing the insurance.

A great many growers always have a pile of rubbish, old boxes, barrels, kindling wood, etc., dumped into a heterogeneous mass near the houses, which in dry weather would easily be ignited by a spark which would work a vast amount of damage in a few moments. Insurance under such conditions is considered (and rightly, too) very risky and if placed at all would be at a high rate of premium. If your place is kept neat and tidy, and rubbish is not allowed to accumulate, your chances of having a fire are reduced to the minimum and your premium for insurance will be correspondingly less.

It is almost impossible to insure growing plants against loss by fire, although I have known of such insurance being written. The Florists' Mutual Fire Insurance Co., which was attempted a few years ago, was a most laudable business proposition, but through indifference on the part of the trade (not of the promoters) it died an untimely death.

Insurance against loss by hail is almost as important as fire insurance, as no amount of precaution will prevent loss by hail, and while you may not be touched in ten years, some day a black and angry cloud may arise in ten minutes and wipe out two or three years' profits in the "twinkling of an eye." The Florists' Mutual Hail Association has been so well organized, losses have been so promptly met, and under careful management it has become so prosperous that no florist should hesitate for a moment in joining it and protecting himself against loss from this element.

The expense of insurance should be carefully kept from year to year. If at the end of twenty years you have not met with a loss you have the satisfaction of knowing that you have been protected all the time. If you have met with a loss the *cost* of your insurance will most likely have been returned to you several times over. Keep an accurate record of your insurance and do not let it expire without being renewed. How often we hear of fires occurring the day or week after insurance had ceased.

Another *fixed* expense in the business is the item of water. This is one of the great essentials in the business, and while in nature it is "as free as air," the cost of putting it where we want it is considerable. In the larger cities it is often cheaper to buy city water and have it placed on your premises under pressure than to sink a well and pump it with the wind. In my city the annual cost is about $2.25 for each thousand square feet of glass. (This includes water for boilers.)

As much depends upon location, each florist will have to be his own judge of what system of watering to employ. If possible secure enough pressure for at least one hose watering at the same time for each 10,000 square feet of glass. Make inquiries from your friends in the trade as to the relative cost of water and by comparing with your own solve the problem of which system is the cheapest. While the expense each year is not great, the aggregate for a series of ten or twenty years amounts to hundreds and thousands of dollars.

Lighting is another item which should not be overlooked. In the dark winter months, when night begins at 4 or 4:30, there is great necessity for good light in many of the houses, so that the men may not lose valuable time doing little or nothing. A few dollars' expense for lighting may save many dollars in labor. In the majority of places kerosene lamps and lanterns are used. While such light is better than none at all, it is too expensive for the benefits derived, especially in the larger places. Gas, unless you are in the "Natural Gas Belt," is also too expensive. Electricity, unless developed on the premises, is the most expensive of any light.

In large places, those with 50,000 square feet or more of glass, the cost of running a dynamo for lighting purposes will amount to little or nothing outside of the lubricating oil. The exhaust steam in most plants will do the work nicely. The cost of a dynamo varies from $100 to $500. The wiring and lamps from $25 to $100. The wear and tear on the machinery is 10 to 20 per cent each year, and new lamps will cost from $5 to $10 annually. The interest on your investment at 6 per cent should be added and you have the cost of your light from $25 to $150 per year. This is a fair estimate. The figures are not extravagant, the cost is not great and I honestly believe in most places will save several hundred dollars in labor besides being very convenient. Of course, the smaller places will have to devise other means of lighting. Acetylene is rapidly coming to the front as a cheap light and is worthy of consideration. Whatever your light is, let it so shine that your employes can work ten hours a day unhindered by darkness, and your profits will be increased in proportion to the extra expense incurred.

The expense of fertilizers and soil for your benches is worthy of serious consideration. They are both essential to the development of our products and a few dollars judiciously expended may yield hundreds in return. Each and every grower should be the best judge as to the best soil for his requirements. On this subject I am no expert and will offer no suggestions, but will leave that to specialists. If soil or sods from your own land are not available or desirable, do not hesitate in incurring extra expense to obtain them from some place where they are.

I know a grower who with but little experience grows fancy roses. It is not the result of chance or skill, but of soil. This he obtained from a nearby ungraded street for several years. When the street was graded and the soil from that source was no longer available, he purchased a tract of land alongside the street, for the sake of the soil, for, said he, "I must have that soil if I am to grow roses." The land cost him $600 or $700, but I think it was money wisely invested. He knew a good thing and kept it.

On another place I know an A1 all round grower of many years' experience who but recently engaged in business for himself. His first year's business was a dismal failure, because the soil wasn't right and he didn't know what elements were needed to make it right. This year he is hauling sods from three miles away, from a field where he knows it is all right by experience and where he not only has to pay for soil but also for hauling. At an expense of $200 to $300 he will realize

$2,000 to $3,000 in profits where last season he met with a loss.

What is true of soil is also true of fertilizers. Many growers still consider well rotted cow manure the best fertilizer in existence. The best crop of roses or succession of crops, I might say, I ever knew was grown by an inexperienced man with a most liberal supply of the green and half-rotten article applied as a surface dressing. It wasn't appetizing to mortals, but was life and vigor to the roses. Some growers use bone meal and phosphates liberally, others consider nitrate of soda invaluable, while blood and bone, pure blood and other products of the abattoir are highly recommended by many. The use or disuse of any one of the hundreds of commercial fertilizers is not recommended by me, because what suits one soil may not another. But I would strongly urge each and every grower to ascertain what will bring him best results and not be afraid to expend a few dollars for good fertilizers, as the result in increased quality and quantity of blooms will justify the expense. The fancy stock grown by our best growers is not altogether the result of skill in cultivation. A careful study of all conditions of climate, soil, watering, air, light, heat, fertilizers, etc., go to make up that skill which after all is only good common sense and careful observation, which cannot be imparted in books or otherwise, but must be evolved from your own thinking cap.

The matter of insecticides and their application is worthy of serious consideration. As a rule tobacco stems are the least expensive, but where it is not practicable to use them some of the many preparations on the market should be used. I have known of serious injury to tender blossoms from fumigating with tobacco stems which were used to save expense. It is the old "penny wise and pound foolish" system of conducting business to curtail expense at the loss or ruin of production. By systematic records for each month and year of all your different items of expense and comparisons year by year you will form a pretty good idea of what is the best and most economical in the different lines.

Pots form quite an item of expense in each grower's establishment. Thousands of dollars are annually expended for these alone which might be saved. *Having a place for everything and having everything in its place* is of most beneficial importance when it comes to the potting shed, for here a careless, unsystematic man can daily break and destroy more than his wages amount to. Have a bin or rack in the potting shed for each size of pots you use, and insist on all pots being put in their proper place as soon as emptied. Broken pieces of pots are excellent for drainage and can be used up in that manner to good advantage, but do not purposely break them for that use.

The best pots are always the cheapest and should always be bought in preference to the inferior grades. I well remember a lot of pots that I purchased at one time on account of their being cheap. They were so soft and poorly burned that fully 25 per cent fell to pieces when handled and the balance lasted through one potting. Although the manufacturer made a liberal discount on the bill, I am confident that they cost in the end twice as much as *good red* ones. If you don't believe my remarks, buy 1,000 cheap ones and the same number of good ones and at the end of twelve months see how many or each you have left. That will prove the thing to you as it has to me. At the end of each fiscal year you should know what your pot bill has been, and each succeeding year you should endeavor to make it less.

Taxes are one of the permanent expense items which cannot be avoided and must be met. In some states and localities growing stock in the houses is taxed. This doesn't seem right, nor do I believe it would stand the test of law in any Supreme Court in the land. I think the matter should receive the attention of the Society of American Florists at its annual meeting. Each state is the master of its own tax laws and in each state where there is unjust discrimination against our craft the matter should be properly laid before the state board of equalization for proper adjustment. The evil, I think, is due more to local ignorance on the part of assessors than to general laws or customs, and where the injustice finds practice it should be eradicated.

If your real estate is assessed too high an effort to have it reduced may prove of benefit and will certainly cost nothing but the effort. A close record of your taxes and assessed valuation will at all times be interesting and show where your money goes. At the same time it will furnish a check on the assessors that may prove beneficial to you.

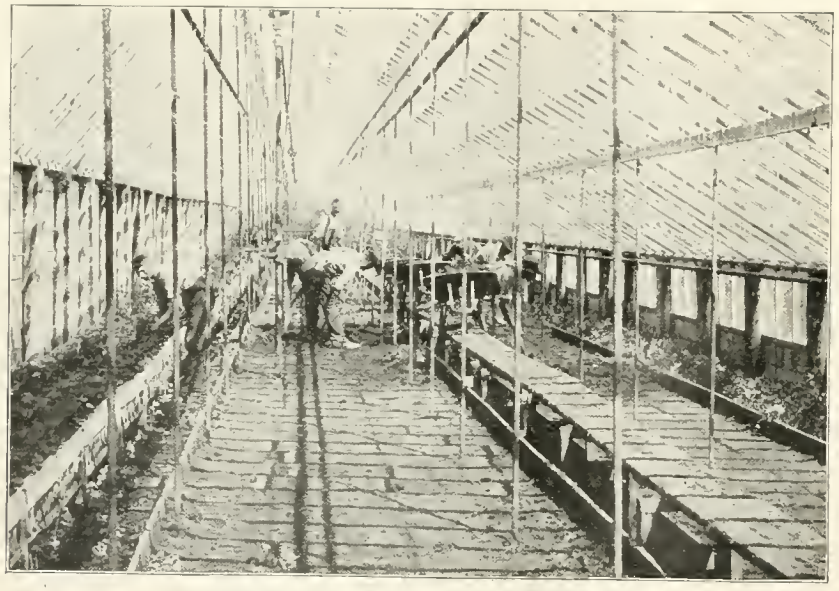
Your barn and team expense should be carefully tabulated. Your feed bill, harness bill, wagon repairs, shoeing, etc., should all be separately recorded, so that you may readily detect leakages wherever and whenever they occur. If you do not grow your own hay and oats you should have sufficient storage to enable you to buy when prices are low.

A word here in regard to help will not be amiss. A good, careful driver and barn man at $12 per week is far cheaper than two careless, ignorant ones at $6 each, or even one at $8 or $9. If your business is extensive you should have a barn man as well as a teamster. If your business only requires one horse, you should have one person attend to it. Good drivers are scarce, but when you find a good one do not pinch a dollar or two a week on his salary, for he will more than save it on your expenses.

There are numerous minor expenses in conducting a business which vary with the nature and location of it, such as telephone, telegrams, tools, labels, etc. They are each of small amount, but in the aggregate amount to hundreds of dollars. Each item should be scrutinized and a careful record kept for comparison from year to year.

I have not dwelt upon office expenses at all, as the services of a bookkeeper or stenographer would be included in the weekly payroll. Books, letter heads and office supplies will amount to quite a relative sum each year and should be scrutinized the same as other expenses. Postage will grow into dollars and dollars into hundreds before you are aware of it. Stamps should be in charge of the cashier and help not allowed to help themselves out of them.

System.



Emptying the Old Soil From a Rose House.

THE EMBELLISHMENT OF A DWELLING.

My attention was called to an article in a contemporary over the initials "C. B. W." bearing the above title. As the dwelling, as he calls it, is one of the finest on our matchless Delaware avenue, and is the home of one of the sweetest women in North America, and the writer is responsible for the tubs of the several bays not being sunk in the ground and much else there, he can not help feeling some interest in the illustration and description being correct. If the gentleman's "Seasonable Notes" are as unreliable as his description and inferences, I pity those who follow; but, fortunately, I have never heard of anyone who read them.

Delaware avenue, Buffalo, has but one street or avenue in the country comparable to it, and that is Euclid avenue, Cleveland. I well remember the late lamented and much traveled Peter Henderson telling me one day in his own house the following: "Yes, Delaware avenue and Euclid avenue are the two most

A House of Palms at the Establishment of Mr. A. N. Pierson, Cromwell, Conn.

beautiful avenues in the country, and I don't know which is the more beautiful, but I think I like Delaware avenue the best." That's about twenty years ago, but I can remember every word, and so I can the words of any man when they are worth remembering; but twaddle, ambiguous jumble and a miserable attempt at fine writing I can't commit to memory.

Now, reader, don't think for a moment that we have not seen Commonwealth avenue, Boston; Prairie avenue, Chicago, or the world-famous Fifth avenue, New York. Perhaps there is as much wealth and lavish expenditure in one block of the latter as there is in a mile of Delaware avenue, but we are not discussing wealth—simply beauty. Euclid avenue, Cleveland, has larger mansions, more acreage to each residence, but is disfigured by stone walls and fences, and is not so continuous for any length. Now, Cleveland friends, don't be down on me. You have a glorious avenue, as well as a grand city.

The description of this beautiful home is poetical, but away off on facts. Instead of being "a very large house, built of red brick," it is a drab, or terra cotta, brick, a very subdued tint almost as far removed from red as the green grass. The camera was evidently much to the south or city side of the house. If the artist (?) had wished to give you an idea of this beautiful home he could have had a beautiful view of a long vista of lawn with but one simple tropical bed, some small groups of shrubbery, and in the distance an ivy-covered barn, or stable, built of the same material as the house, but so covered with ampelopsis that it is really picturesque. There is nothing but the branches of the elms on the avenue to hide the front view of the house.

"The unwarranted expense of placing two tubs of laurels on the lawn" was not so extravagant after all, and the proprietor can well afford it. They were purchased some ten years ago, and with good care and an occasional shift into a larger tub are two grand specimens. The little formality about them only enhances the beauty of the surrounding informality, and with due respect to "C. B. W.," they are in the right place. The only practical observation in the whole article was that the tubs should be sunk in the lawn. That is right.

Now, as to the use and abuse of this beautiful climber, Ampelopsis Veitchii, it is a matter of taste. Boston was the first city to plant it largely, hence the name, Boston ivy, and I have thought sometimes that it was used there to excess. It is never more beautiful than when some fifteen or twenty feet in height, sending out its young growth to graceful forms that no artist could imitate. A house densely covered with it is picturesque, provided the next house has none of it. Too much of it is sombre.

The information about its hardiness and A. Engelmanni is strange news. We don't know anything about Engelmanni, but we are convinced that "C. B. W." knows little about A. Veitchii. It is hardy in Milwaukee and has no equal where a vine is wanted to cover a wall without support. Some fifteen years ago they had an idea it was not hardy in Toronto, and there was scarcely a plant there. Now it is as common there as their national thistle. It is hardy in any city of the United States and will grow on north, south, east or west aspect. As for Celastrus scandens, it needs tying up to support it and is most at home on veranda pillars or a lattice-made arbor. It belongs to a different class, and why introduced into that classic article I can't see. I expected to get some valuable hints on the shrubs, etc., to embellish lawns, but can not find them.

Now, in conclusion, I would like to say that the beauty of our Delaware avenue is in its simple embellishment. A double line of elms or maples borders each side of the avenue outside the property line. The lawns are dotted here and there with trees. Few flower beds are seen from the street, and few vases disfigure the lawns; no fences and but few hedges, and those very low. From the street to the rear of the lots is well-kept lawn, no dividing fence, wall or hedge between neighbors. So it is a long strip of park with residences dotted in. Not one resident in twenty ever called in the services of a landscape gardener of the modern school. If he had, the street would have been spoiled, for, instead of broad expanse of lawn, restful and beautiful to our senses, the lots would have been cut up into roads, shrubbery ad libitum, herbaceous borders and everything else they could put in there for revenue only. "C. B. W." might have made an interesting article; he terribly fell down.

Am very much surprised that "C. B. W." speaks about water spouts and lightning rods. Milwaukee has plenty of spouts of all kinds, mostly used for something more nourishing than water, and I am sorry that the fallacy of the lightning rod has not yet reached the city "that Schlitz made famous."

BISON.

PALM HOUSE AT A. N. PIERSON'S.

We publish this week an illustration of one of the palm houses in Plant No. 1 at A. N. Pierson's, Cromwell, Conn. The house measures 240x65 feet, is built of iron and is in every way up to date. It holds about 6,000 Kentia Belmoreana, in pots varying in size from four to ten inches. This is the largest of twenty-two houses devoted to palms and ferns. Two large and very attractive houses are filled entirely with Adiantum Farleyense, which is grown principally for the New York market. This department has been extended from year to year until now it is one of the most important on the place, and the sale of palms and ferns has become very heavy.

BOILER CAPACITY.

I have a new horizontal tubular boiler having a heating surface of 600 square feet. How many square feet of glass surface will it heat to 60 degrees at night? Houses in good condition, for carnations, hillside location, protected from north winds. J. L. M.

Penna.

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Replying to J. L. M., the tubular boiler having about 600 feet of heating surface, if well-proportioned, will readily heat from 18,000 to 20,000 square feet of glass to a temperature of 60 degrees at night, provided one foot of radiating surface is used to every three feet of glass suface. HENRY W. GIBBONS.

New York.

MISCELLANEOUS SEASONABLE HINTS.

Dahlias.

This should have been a good season for dahlias, for they delight in cool weather and lots of moisture. Under our hot suns the soil soon dries out and perhaps in a few days we will be praying for rain. If you want fine flowers and plenty of them, see that your dahlias get a good soaking at least once a week, and what is of as much importance, mulch round the plant for a distance of eighteen inches from the stem. People that grow acres cannot, perhaps, find time for watering and mulching and staking, but where the best results are wanted it pays to do it.

Hollyhocks.

We have been asked this summer several times for stalks of hollyhocks and we had to get them, for they were customers that could not be refused. Single flowers were just as much thought of as the double, but you would not think of sowing seed that would produce single flowers the first year. My experience is they they will come single quick enough if left growing 2 or 3 years in one spot. I don't blame people of good taste for liking the hollyhock. What is more stately and informal and really picturesque? The dahlia is the perfection of form and color, but too formal and not in it with the hollyhock as a decorative flower, either in the border or cut.

Every spring you see plenty advertised, and when you write for two or three hundred everybody is either sorry to say they are just sold out or you get horrible rubbish that was raised to sell and not to flower. Raise your own, and the middle or end of August is a good time to sow. Perhaps 500 miles south of this the young plants will do out in the open ground all winter; with us they won't, and when the young plants are large enough to transplant we put them in cold frames, where they can be protected with glass during winter. If the very best plants were wanted I would prefer to put the plants in 3-inch pots in a frame, and during the four coldest months keep them in a violet house. That has been my experience, and finer hollyhocks were never seen than those wintered that way and planted out as soon as the ground was dry in the spring. Buy the best strain of seed you can find and a good mixture of colors.

Pelargoniums.

It will soon be time to think of propagating the show pelargoniums. Perhaps about the end of the month is the right time. It does not make much difference where the old plants are now, either under glass or plunged outside. They have made a growth since flowering and now should be kept on the dry side. Unless you are well posted about these plants you will be afraid to cut them down as low as they require to make decent plants of the old ones. Too many growers just take off the green cuttings from the ends of the shoots. That will never do. The old plant, if you wish to grow it on, will be a long-legged, unsightly plant for the rest of its days. Cut down to within two or three inches of the soil. Dozens of eyes will break out where there was no visible eye. Keep the cut-down plants almost dust dry for three or four weeks. By that time they will be covered with young shoots. Then shake off every bit of soil, trim back the roots and put into pots two or three sizes smaller than they flowered in, and on they go for another year, and these one-year-old plants make grand specimens if well grown.

The end of the green shoot you have cut off and the second cut, even if it's a little hard, will root freely. Put them in the propagating sand, and after the first good watering keep them only moderately moist, and you will lose but few, although it will take a month or six weeks for them to root. It is, of course, the young plants that you mostly depend on for your market plants in May and June. There is something about the pelargonium—its flower, the odor of its leaves—that recalls almost the days of infancy, and gorgeous plants we have seen of them. Immense is the time and labor expended on them for the exhibitions of Great Britain. It seems we don't have that time here, and yet time and labor have been given to the chrysanthemum, and why not to the pelargonium?

Don't attempt to propagate the zonale geranium till the beginning of April; the hot days of August are most unfavorable. In fact, this month (if someone will plant your carnations) is most suited to attend conventions.

William Scott.

A GERANIUM TROUBLE.

My geraniums are troubled about the roots with wire worms. The plants are not in pots. They wilt right down. What can I do to save them? W. T. S.

Wire worms are seldom troublesome in the garden except on sod that has been lately turned up. I have seen them clean out a crop of carnations, and even small shrubs. It's a bad job. Make a barrel of weak tobacco water by pouring some boiling water on the stems, or dilute the Rose Leaf extract 150 times, and water around each geranium. It may not kill the wire worms, but they will leave for other parts. W. S.

SAGO PALMS.

A question is asked by a subscriber who signs himself "B" and who says that two of his customers complain that the young growths on their Sago palms are dying. They are kept in dwelling houses. Mr. "B" does not say whether he has visited the houses and looked into conditions under which these cycas are trying to grow.

The trouble may arise from several causes. Too much gas used, insufficient water, a close, hot, dry room, and perhaps other unfavorable conditions. Cycas revoluta, while not the worst of house plants, is by no means the best. Well established plants do fairly well wintered in a light, warm room, if thoroughly watered occasionally, but plants that have been established from imported roots within a year quickly lose all their leaves and should never be sold for such a purpose. W. S.

SOCIETY OF AMERICAN FLORISTS.

Rates to Asheville.

Members in western New York State and Pennsylvania will please note the following modification of arrangements regarding railroad fares to Asheville as heretofore announced:

The Trunk Line Association, comprising the railroads in the Middle States, east of Buffalo, Pittsburg, etc., will sell tickets to Asheville and return on the basis of one and one-third fare to Washington, plus one fare therefrom to Asheville, except that from Buffalo, Pittsburg and other Trunk Line termini on the west, via Washington, regular one-way fare via Washington will apply for round trip, charges from intermediate points on direct lines not to be higher. This gives all those attending the convention from or via Buffalo, Pittsburg and neighboring territory the concession of one fare for round trip, in common with Cleveland, Chicago and other Western centers.

These will be regular round-trip tickets, no certificates being required, limited to continuous passage in each direction. They will be sold, and good going, August 17, 18, 19, and one day earlier than these dates from Buffalo, Pittsburg and other western Trunk Line termini, with final return limit to Aug. 25, inclusive.

Plant Registration.

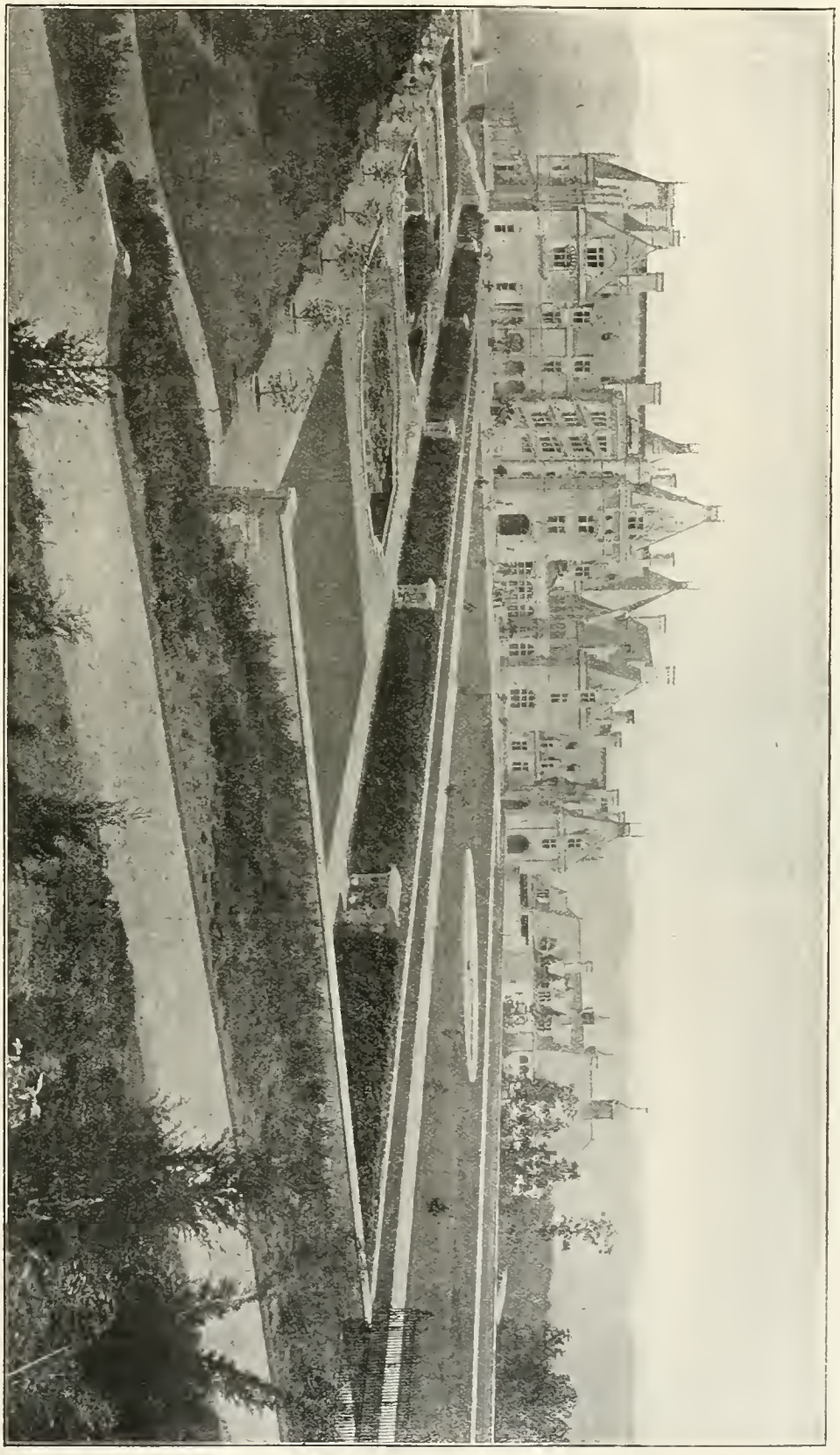
M. H. Walsh, Wood's Holl, Mass., registers climbing rose, Wedding Bells. A seedling from Crimson Rambler, flowering from June 1 to July 1. Flowers cherry pink, borne in large clusters on every shoot. Flowering shoots spineless.

H. T. Rose Princess (Margaret Dicksonx La France) 1898. Color flesh pink. Buds large, pointed. Stems strong and straight.

H. T. Rose Urania. Seedling from American Beauty, 1897. Color intense carmine. Vigorous, foliage large, stems stout. Free bloomer.

Lager & Hurrell, Summit, N. J., register Cattleya Hardyana Mrs. Geo. Schlegel, xCattleya gigasxC. chrysotoxa; a natural hybrid from Colombia. Bulbs and foliage extra large and strong. Flowers, sepals and petals deep rose pink; lip over three inches across, very long, of intense purple color, heavily fringed and lacerated; throat golden yellow, spreading laterally into two unusually large blotches.

J. B. Trudo, Alderbend, N. Y., registers Carnation Miss Aimee (Mrs. Lawsonx Eldorado). Flower white, edges finely striped scarlet, clove scented, three to four inches across. Foliage glaucous, stems wiry, holding heavy bloom erect. Height, two feet.



BILTMORE.

Residence of Mr. Geo. W. Vanderbilt, Asheville, N. C. The estate contains many thousands of acres, and a drive through same will be a feature of the entertainment programme at the coming convention.

Carnation Miss Alice Roosevelt (Mrs. LawsonxEldorado). Color, white, dotted and splashed with carmine to center of each petal. Flower, 3½ to 4 inches across, full, edges fringed, clove fragrance. Foliage, glaucous. Stems stiff, two feet high.

Wm. J. Stewart, Secretary.

BOWLING AT ASHEVILLE.

Detroit Trophy.

Year.	Place of Meeting.	Won by.	Total Pins.
1899	Detroit	Phila.	926
1900	New York	Buffalo	1,021
1901	Buffalo	New York	883

Conditions of Detroit Trophy—Greatest number of pins in any one game. Cup to be won twice before awarded finally. Winning club each year to have name engraved on cup with number of pins and place of contest. If, after four years, the cup has not been won twice, it is to be awarded to the club having made the highest number of pins during that time, from amongst clubs having won the cup.

Lord & Burnham Cup.

Team making the highest total in three games. To be won twice before being finally awarded.

Year.	Place of Meeting.	Won by.	Score.
1900	New York	Buffalo	2,775
1901	Buffalo	Phila.	2,560

Hitchings Cup.

Team making highest score in third game, to be won twice before being finally awarded.

Year.	Place of Meeting.	Won by.	Score.
1900	New York	Buffalo	1,021
1901	Buffalo	New York	883

Team Contests.

The H. Bayersdorfer & Co.'s gold medal, valued at $20, for highest aggregate individual score in three games.

Halliday Bros.' gold medal, value $15, for second highest aggregate individual score in three games.

A prize for third highest aggregate individual score in three games.

The William J. Stewart Prize, value $15, for greatest number of strikes in three games.

A prize for the greatest number of spares in three games.

Individual Rolling.

The "Watson" Trophy, gold badge. For highest total in three games. Given by Geo. C. Watson, Philadelphia, Pa., and to be known as the "Old Man's Race." Open to all 55 years of age or over.

The "Berkowitz Medal." For highest total in three games. Given by Paul Berkowitz, of Bayersdorfer & Co., Philadelphia, to be known as the "Young Man's Race," open to all 25 years of age or under.

A. B. Cartledge,
Robert Halliday,
Committee.

PETROLEUM FOR FUEL.

Several inquiries recently received indicate that eastern growers are becoming alarmed over the continuation of the coal miners' strike and are casting about for a substitute for coal in case of necessity. Petroleum was in each case the alternative that occurred to the inquirers.

View Near Asheville, N. C.

In order to be able to answer these inquiries intelligently, we interviewed Messrs. Bassett & Washburn, who some years ago heated their large range at Hinsdale, Ill., with petroleum fuel, but later returned to coal. They say that with the crude oil at 70 to 90 cents a barrel, the oil has some advantages over coal, but that when the price gets above the dollar mark, it is too expensive to use. They found that from three to three and a half barrels of oil was equal in heating value to a ton of best grade steam coal costing about $3. They found Lima and Pennsylvania crude oil the cleanest and best for the purpose.

They ceased using it because the Standard Oil Co. stopped selling the crude oil. The company would extract the naptha and benzine and sell what was left as refined fuel oil and asked a higher price. This "refined" product was a thick, gummy substance very apt to clog up the pipes and burners and its price was prohibitive anyway. They still have their apparatus on hand, but would not recommend any one to install one. In fact the cost would make it out of the question for an ordinary grower to put one in as a temporary expedient at least.

While the burners themselves are not very expensive, there must be a storage tank of 500 bbls. capacity that must be at least 100 feet away from the fires. Then a standpipe must be provided to carry the oil to a height and then to the fire and this must have an accompanying steam pipe to warm the oil and mix steam with the oil in the burner. Two expensive pumps must be provided at the fire and there must be a tank wagon to convey the oil from the car to the storage tank unless the user has a switch track alongside of his tank. And there must be a costly pump to get the oil from the tank car to the tank wagon. Altogether an investment of about $1,000 must be provided for. With pure crude oil at 70 to 80 cents a barrel it would pay on a place of some size, but not under the present conditions of oil supply.

They have made their coal contract for the coming season at about the same figures as last year. Good smokeless coal is being offered now in Chicago at $2.75 to $3 per ton. They believe eastern growers who are nervous about the situation would do better to put in a supply of smokeless steam coal, being careful to keep it under cover, than to attempt to use oil.

PHILADELPHIA.

The Market.

All the wholesalers who do a shipping business are fairly busy. Vacations are in order, which gives the reduced force a bit of hustling some days. New crop roses are generally rather short in stem, but have nice flowers. Asters are plentiful and easier in price; $1 per 100 buys pretty nice stuff, though a few bring more. Carnations can still be had of fair quality in limited numbers; the outdoor grown blooms are improving. Tuberoses and gladioli are good and plentiful. Kaiserins are the mainstay in roses.

A New Departure.

M. Rice & Co. have added a ribbon department to their florists' supply business. John Turnbull, late with S. S. Pennock, is in charge. Mr. Turnbull says that the firm will have a shade of ribbon to match the Liberty rose that will prove a feature in this line. The American Beauty ribbon, a sort of combination shade, is very pretty. These two shades are of great importance in a ribbon assortment, and the firm is confident they have a strong card. Mr. Rice is enthusiastic about the improved crepe paper he is now handling. It comes in two shades of color, making a harmonious finishing touch for the various blooming plants in which two colors predominate; for instance, the gay flowers and green foliage of the poinsettia can be enhanced by the same colors toned down in the crepe paper covering the pot.

Marketing Cut Flowers.

A small meeting, composed chiefly of growers believed to favor the plan of a cut-flower market, was held in the secretary's room at Horticultural Hall on Thursday evening of last week. Those present were: George Anderson, J. W. Colflesh, William K. Harris, Joseph Hea-

View Near Asheville, N. C.

cock, Edwin Lonsdale, Charles E. Meehan, Samuel S. Pennock, David Rust and J. W. Young. Mr. Harris acted as chairman; Mr. Rust as secretary. Mr. Heacock stated that a cut-flower market where buyers and sellers could meet at some central place would save much time; he believed all the growers would be for it. Several had spoken in favor of it of the retailers. Mr. Battles had favored the plan, offering to rent a stall in which to pack the flowers he had purchased.

Mr. Pennock said the plan was a good one, and would save much bruising of flowers. Our city had outgrown the peddling system. Mr. Harris saw some good points in the plan, but he also liked certain features of the present method, which enabled him to sell many plants with his cut flowers. Mr. Meehan felt the same way about plants. He thought it would be well to carefully consider the needs of the uptown growers and have the plan meet their requirements. Mr. Anderson opposed the plan, but the bill passed first reading, so to speak, a committee of three (Joseph Heacock, Charles E. Meehan and Samuel S. Pennock) being appointed to find a suitable location and report to a meeting, to which all the growers will be invited, to be held this (Thursday) evening, August 7.

A Park Ramble.

Joseph Meehan led a party of fifteen members of the Germantown Horticultural Society, including several ladies, on a very interesting ramble last Saturday noon. The party met at Memorial Hall. They were joined at Horticultural Hall by Xavier E. E. Schmitt, who is in charge of that building and the adjacent grounds. From there the party proceeded to George's Hill by a circuitous route, Mr. Meehan pointing out and describing many rare and beautiful trees. The afternoon was perfect, the park looking its best, and the time was enlivened by plenty of animated discussions on questions of fact. Mr. Meehan's wonderful store of knowledge of trees and their habits was generously given and fully enjoyed. Among those present were: Joseph Heacock, Edwin C. Jellett, George Redles, Mr. Wurtzner, and others. Most of the party closed the trip with a ride in the picturesque park trolleys.

Notes.

Henry F. Michell has returned from Europe.

How will a market benefit the small grower? He will sell his flowers in far less time at just as good prices.

Myers & Samtman have planted their new range with 3,000 Edgelies and 1,000 or more Beauties.

Why should the small growers support a market? Because in unity lies strength.

Eugene Bernheimer has his new place at 11 South Sixteenth street in working order. He is receiving some nice field-grown flowers of a new red seedling carnation, described in this column last winter.

The club meeting held on Tuesday is the last before Asheville, only a short time ahead now. PHIL.

ST. LOUIS.

The Market.

Since my last letter trade in the cut flower line has not improved any, although there is still quite a bit of funeral work going on, which makes the call for white stuff very good. At the wholesale houses there is plenty of all kinds of stock, which looks fairly well for this time of the year when Old Sol puts his burning face close down to us.

We have had quite a lot of rain this summer, which has helped outdoor stuff a great deal, and hardy hydrangeas, gladioli, tuberose stalks and asters are looking fine.

Roses are coming somewhat better, and Perles and reds are coming in more freely, though most of them are wide open, which makes them unsalable. These with plenty of Brides and Maids in the market make business fairly good around the wholesale houses. The prices on stock remain as quoted in last week's issue.

Notes.

The echoes of our late picnic have about died out, and those who did not attend, after reading the account of it in the Review, were sorry they did not go. Some of those stay-at-homes should read Bro. Scott's letter in the last issue and keep it in mind for next year. If they will set aside one day in the year for pleasure we will let them work the other 364 days.

William Hucke, of Belleville, was a caller last week. Mr. Hucke reports that his carnation plants in the field are in fine shape and he expects to cut as fine a lot of blooms this fall as ever.

John Young and his family left last week for Atlantic City for a month's stay. John says he needs a rest after a very busy season.

James Young and son are spending a few weeks in New York City and will go to the convention from there and come home with the St. Louis delegation.

The Kalisch boys, of Delmar avenue, are visiting in Chicago and other points up north. They are off for a four weeks' trip.

George Augermuller is back at his post at Kuehn's after ten days' vacation, and now Eddie Gerlach is taking ten days. These boys are great workers with a great pull.

The Tesson family and the World's Fair Co. came to an understanding the past week, in which the World's Fair Co. leases the land it requires for $51,000 for a period of two years and six months, beginning September 1st. Robert will not have to move the greenhouses as Director Taylor wants to retain them for propagating purposes in connection with the landscape plan of the fair. This tract will be utilized as a site for the French village and a national display.

A group of growers at one of the wholesale houses were discussing the carnation notes in the different trade papers and it was conceded that the carnation notes of A. F. J. Baur in the Review were the best. His notes each week are very instructive, being just what they want to know. Ribes' Rose Notes were highly spoken of, as were Bro. Scott's Seasonable Hints and Ivera's The Retail Florist. All these are read with great interest each week.

Oscar C. Kuehn, who took the photograph of the picnic group, has a lot of them finished up and mounted, which are for sale by him at 25 cents each.

Mr. Kuehn wishes to compliment the Review on the splendid cut from his photo in the last issue.

Club Meeting.

The Florists' Club meeting will be held next Thursday, August 14th, at Edwardsville, the home of the "Perle King." Mr. Ammann writes that the boys should meet at the east end of the bridge at 12 sharp, and take the stock yards car for Gross Park, there to connect with the Edwardsville car, which leaves Gross Park at 12:30, sharp, and arrives at Edwardsville at 2 p. m. Edwardsville cars leave Gross Park, East St. Louis, at the half hours from 6:30 a. m. to 11:30 p. m. He would like to have the boys come in a body, as it will make the trip more enjoyable. As the election of officers will take place at this meeting, a large delegation is expected. Bro. Ammann, no doubt, has a great surprise in store for us, and none of the craft should fail to take the opportunity to visit as fine a place, for its size, as there is in this country. All are welcome, so note the date and hour.

Notes.

Mr. and Mrs. H. G. Berning left Monday night for a month's stay in California.

Arthur Y. Ellison left Tuesday to visit his father and mother, who are spending the summer up north.

Base Ball.

The Berning and Tesson base ball teams fought a battle royal on last Sunday afternoon on the latter's grounds. The Berning team won by a score of 3 to 1. Only five innings were played, owing to the Tesson catcher becoming disabled. Will Sanders was captain of the Berning team and it was due to his wonderful coaching that the three runs were made. A return match will be played in the near future.

Bowling.

The night was too hot for the bowlers —only six were there. Kuehn's team won all three games from Beneke's team by close scores, which were as follows:

Kuehn's Team 1	2	3	Total.	Av.
Kuehn 166	159	174	499	166 1-3
Ellis 163	159	174	496	165 1-3
Weber 155	199	136	490	163 1-3
	484	517	484	1485	165
Beneke's Team.1	2	3	Total	Av.
Beneke 156	159	173	488	162 2-3
Miller 161	151	137	467	155 2-3
Sturtz 156	192	170	518	172 2-3
	473	510	489	1473	163 2-3

St. Louis will not be represented at the coming convention by a bowling team, as our best bowlers will be unable to make the trip. I look for a good attendance from here and will endeavor in the next issue to give a list of those who are going. J. J. B.

CHICAGO.

The Market.

Roses and carnations are really scarce. Tea roses are quoted at from $2 up to $6, but these prices are very high considering the quality. Beauties are of very good quality for the season and are more plentiful than Brides and Maids. While the best Beauties bring $2.50 to $3, shorts are sold at very low figures, many going at $2 to $4 per 100, and very good blooms too. A good short Bride or Kaiserin will now bring more money in the market than a good short Beauty.

Carnations are not so short in supply as tea roses, but there is a marked shortage, especially in white. The best reach $2, though most of them go at $1 to $1.50 and large lots of "weeds" are jobbed off at most any old price. Blooms cut from out door plants are of course the best now, but there are comparatively few of these yet and the outlook is not over cheerful in view of the great damage done to field plants. We hear of one grower who planted out 40,000 plants and will have not more than 4,000 to house. It was low lying land and during the first heavy rains the plants were under water three days. They came out apparently all right, but a later dose of the same sort practically finished them.

Asters are coming in very freely now and the best sell well at $1 to $1.50 and a few extra fine ones reach $2, but there is a host of under grade blooms that it is hard to sell at any price. Auratum lilies and gladioli are in ample supply, but they move very slowly. Sweet peas have picked up a little in quality, as the result of several days of sunshine and normal summer weather.

Various Items.

The picnic committee of the Florists' Club, Messrs. E. Enders, Walter Kreitling and E. F. Winterson, announce everything in readiness for the annual outing, which will take place at Bergman's grove, next Tuesday, August 12th. The florists of Milwaukee have been invited to be present. A long list of valuable prizes has been secured and will be awarded to the winners in the various races and games. There will be a bowling contest for the ladies as well as for the men. The umpire of the ball game is having a special suit of armor made for the occasion. It is expected that both wholesalers and retailers will close their stores the afternoon of the great day.

Now is a good time to make up your mind definitely to attend the S. A. F. Convention at Asheville, N. C. The fare is only $20 for the round trip, sleeping car $5 each way. Special cars from Chicago to Cincinnati and special train from the Ohio city on. It will be a happy, jolly crowd and you will enjoy the trip as well as the convention. Tell E. F. Winterson, 45 Wabash avenue, to reserve a berth for you in the special cars now.

Mr. G. H. Pieser, secretary of Kennicott Bros. Co., will after August 12th start for a two weeks' outing at Lakewood, Wis.

Mr. C. L. Washburn has returned from his outing at Athelstane, Wis. His wife remains there and she will now be joined by Mr. and Mrs. O. P. Bassett.

E. H. Hunt has received his Harrisii bulbs and is now shipping out orders for same. The bulbs are of very good quality this year.

Dean O'Connell, with L. J. Stuppy, St. Joseph, Mo., has been spending a week in the city.

John S. Forster has sold his greenhouses at Evanston, where he was one of the pioneers in the business, and will soon start for California, stopping at Colorado Springs for a few weeks on the way.

F. W. Taylor, Chief of Bureau of Horticulture at the St. Louis Exposition, was a visitor last week.

Mr. Edgar Sanders was taken suddenly ill last Thursday afternoon and has since then been confined to his bed. A clot of blood on the left side of the head caused a paralysis of the right side of his body. At first the case seemed serious, but the doctor now gives hope that he may regain the use of his right side. In view of Mr. Sanders' advanced age, the report of his serious illness naturally alarmed his many friends in the trade, who will all be pleased to know that hope is entertained of his speedy recovery.

Mr. F. A. Baller, Bloomington, Ill., was a visitor this week.

HEATING AN EXTENSION.

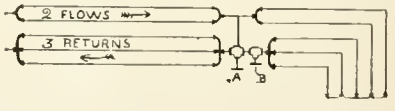
We have a house 17x55, heated by ten runs of 2-inch pipe. To this house we are adding forty-five feet, making it one hundred feet in length. To heat this addition we are advised to not disturb the old piping, but to take a couple of flows and returns from and to the boiler, running on to the new addition, there branching out with the proper amount to heat the new part. Is this the better plan?

We think we will have to take out part of the old piping, else the new flows and returns will make the old part too warm. Please advise us as to the best plan of heating the additional space.

M. & Co.

Replying to M. & Co., the method of carrying the circulation to the farther house they suggest is entirely practical, but it would naturally have a tendency to make the old house warmer than heretofore. This can readily be obviated by putting valves in the old coils.

The method of extending the pipes into the new house, and arranging for independent control of the addition, is clearly shown in the accompanying fig-



ure, "A" being a tee or cross-valve which controls the circulation in the cross or connecting pipe from the flow to the returns; "B" being the gate-valve to control the circulation through the pipes in the extension. When valve "B" is open, valve "A" should be closed, and vice versa.

New York. Henry W. Gibbons.

RETURNING CONDENSED WATER.

I am about to change my heating from hot water to steam, but cannot go into the ground more than a foot or two on account of lack of drainage. Would, in fact, like to put a new 50 H. P. tubular boiler on top of the ground. How can I return the condensed water to boiler?

Ohio.

Replying to Ohio, it is possible to return the condensed water to the boiler by means of a patent trap; this, however, would compel the florist to rely upon an automatic mechanism for the effective working of his heating apparatus, which would naturally entail considerable risk.

Another plan would be to carry a

SAMUEL S. PENNOCK, Wholesale Florist.

SELECT VALLEY..... 1612 Ludlow St. PHILADELPHIA, PA.

During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.

Mention The Review when you write.

steam pressure at all times sufficient to operate a pump and pump the return water to the boiler from a receiving cistern; this, however, would entail continual additional fixed expense. Without question, the cheapest and best method would be to employ a competent mason to build a water-tight pit sufficiently deep to bring the maximum water line of the boiler below the circulating coils in the greenhouse; this is not an impossible operation, and, in the end, will prove the cheapest and most satisfactory.

New York. HENRY W. GIBBONS.

PIPING.

In reply to L. R. A., the size of the mains is ample for the work placed upon them. The trouble lies in too little radiating surface in the coils. For the house, 22 feet wide, assuming glass on the roofs only, there should be not less than nineteen lines of 1¼-inch pipe, or if glass on one side wall, twenty or twenty-one lines to insure a temperature of 60 degrees on coldest nights with easy firing. For the heating of an eleven-foot house, nine or ten lines would be required. The smokestack of his boiler should be about twenty-five to thirty feet, the height being governed somewhat by the geographical and other conditions surrounding it.

New York. HENRY W. GIBBONS.

DES MOINES, IA.—W. L. Morris has purchased five acres of ground on West Thirtieth street and will at once erect on same a range of houses containing 12,000 square feet of glass. Next season he will remove his old houses on Cottage Grove avenue to the new location.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—800 feet of 4-inch cast iron greenhouse pipe, used very little, all complete and as good as new, at 15c per foot. Jos. Labo, Joliet, Ill.

WANTED—Prices on 10,000 square feet of glass 16x22 S. S. A., delivered in West Superior by August 20. L. O'Sullivan, West Superior, Wis.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—A practical working foreman (single and temperate), must understand the growing of cut flowers and have a thorough knowledge of growing vegetables in field and under glass. Celery, especially, in field. Culture of strawberries, 20 acres (well watered) of small truck; 175 hotbed sash; 3 greenhouses (4,000 square feet glass). Management of 7 men. Board, room and washing furnished. Only experienced men need apply with first class references from former employers. State wages and address H. B. Thompson, Canonsburg, Pa P. O. Box 557 P S.—Write at once

WANTED—By August 15th a good grower of roses and carnations; must be good worker, sober, industrious and reliable; good pay and steady employment. John Fallon, Staunton, Va.

FOR EXCHANGE—My fine residence, steam heat, city water, bath. New greenhouse, 20x65 feet. Situated in best residence district in best town in Southern Illinois. No incumbrance. I invite fullest investigation. Want Northern property. Address J. W. Hanford, Carbondale, Illinois.

FOR SALE—Hitchings' hot water heater, capacity 1000 feet glass, as good as new, only used one season, in perfect condition. W. R. Gray, Oakton, Va.

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 723 E. State Street, Redlands, Cal.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

WANTED—A working foreman to take charge of 22,000 square feet of glass where first class roses and carnations are to be grown, also one house of poinsettia; one assistant. State age and wages expected, including boarding and washing. Apply to John L. Wyland, De Haven, Pa.

WANTED—Assistant or working foreman, must have experience in propagating bedding plants. State wages expected with board. L. Mosbæk, near 85th Street and South Chicago Avenue, Chicago, Ill.

WANTED—A good all-round greenhouse man, European preferred; $40.00 and room and up; if married, house will be furnished. Ernst Nitsche, 314 Main Street, Dallas, Tex.

WANTED—Competent storeman, must be able to make up and design; references required. Central Greenhouses, Sandusky, Ohio.

FOR SALE—Glass—15 boxes single strength new A 16x18 at $3.00 per box; 100 boxes D. S. A new glass, $4.65 per box, size 18x20. Cash. Lot 2-inch and 1-inch steam pipe, new. F. Walker & Co., 641 Fourth Avenue, Louisville, Ky.

FOR SALE—Round cypress tanks, good as new. We have several large tanks at about two-thirds less than cost. Please call and examine or address Coolidge Bros., South Sudbury, Mass.

FOR SALE—Two medium sized hot-water heaters in perfect condition. Geo. Staffinger, Springville, N. Y.

FOR SALE—1800 feet new 1¼-inch standard wrought iron pipe, 7c per foot. C. D. Gallentine, Morrison, Ill.

FOR SALE—A Furman boiler, it's all right and as good as new. Karl Kuny, 933 1st Avenue, Altoona, Pa.

WANTED.

October 1st, competent and reliable man to take charge of a retail flower store in Colorado. Must be experienced and thoroughly understand the business, especially designing and decorating. Give experience, references and salary expected. Only an A-No.-1 man can hold the place. Address Colorado, care Florists' Review.

WANTED.

Experienced traveler to sell European plants, bulbs, seeds, etc., to wholesale seedsmen, florists and nurserymen. Must be of gentlemanly appearance, healthy, sober and energetic. Steady position. State reference, former occupation and salary wanted. Address confidentially.

AUG. RHOTERT, 26 Barclay St., NEW YORK.

Mention The Review when you write.

For Sale at a Bargain

Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address F. S., care Florists' Review.

FOR SALE.

Now offered for sale, our entire plant, greenhouses, land, stock and business; thirty years established, and under one management; nearly 25,000 feet of glass; products all sold retail; three-fourths income from cut flowers and floral work; whole place rebuilt in last ten years; the largest greenhouse place in northwest New England; a fine steady trade; books open. Desire to retire from active business reason for selling.

For terms, write or visit

ELLIS BROS., Keene, N. H.

Mention The Review when you write.

CHRYSANTHEMUMS.

We can still furnish the following varieties from 2½-in. pots. Thrifty young plants, well established, ready for immediate shipment. Our selection of standard varieties, early, mid-season and late, $20.00 per 1000; $2.00 per 100. Reduction from List on large orders.

WHITE.	100
T. Eaton	$4.00
Ivory	3.00
Willow Brook	3.00
Nellie Pocket	4.00
Polly Rose	3.00
Niveus	3.00
Mayflower	3.00
Geo. S. Kalb	2.50
M. Monarch	2.50
M. J. Jones	3.00
Queen	3.00
Mrs. H. Weeks	3.00
Mdlle. Lucie Faure	3.00
YELLOW.	
Col. D. Appleton	$4.00
Philadelphia	5.00
Robt. Halliday	3.00
Golden Wedding	4.00
R. H. Pearson	6.00
Yellow Mayflower	3.00
Mrs. E. D. Smith	4.00
October Sunshine	3.00
Mrs. J. Whildin	2.50

YELLOW.	100
Liberty	$4.00
Eclipse	4.00
Modesto	3.00
E. Dailledouze	3.00
H. A. Parr	2.50
Major Bonnaffon	3.00
Nagoya	3.00
PINK.	
Orizaba	$6.00
Mary Hill	4.00
Lady Playfair	2.50
Xeno	3.00
Maud Dean	4.00
Yanariva	6.00
V.-Morel	4.00
Adele	3.00
Lady Harriett	4.00
J. K. Shaw	3.00
Glory of the Pacific, red and bronze	3.00
G. W. Childs	4.00
Intensity	4.00
John Pockett	6.00
Lady Anglesly	4.00

H. WEBER & SONS, OAKLAND, MD.

Mention The Review when you write.

Burpee's Seeds Grow

LEO NIESSEN, N. W. Cor. 13th and Filbert Sts. Philadelphia, Pa.

During July and August store will be open from 7 A. M. to 6 P. M.

Mention The Review when you write.

NOW READY! | **White Roman Hyacinths. Paper White Grandiflora Narcissus.**

White Roman Hyacinths, 12-15 centimeters.....$2.50 per 100; $23.00 per 1000.
Paper White Grandiflora Narcissus ..... 1.00 " 8.50 "
Freesias (California grown) ½-inch and over..... 10c per doz.; .60 " 5.00 "
Selected White CALLAS, 1¼-1½ inches in diameter, 75c per doz.; $5.00 per 100. 1½-2 inches in diameter, $1.00 per doz.; $6.00 per 100. 1¾-2½ inches in diameter, $1.50 per doz.; $10.00 per 100.

NEW CROP PANSY SEED.

Pansy—J. & S. Kingly Collection. The finest strain of Giant Pansies now offered to the trade. It will please the most critical grower with its immense size, perfection of form, great substance and rich colors. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds $1.00; per oz., $5.00.

MUSHROOM SPAWN—English Milltrack. From a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00.

See offer of Calceolaria, Cineraria, Chinese Primrose, etc., in last week's Review.

Send us your orders for DUTCH HYACINTHS, TULIPS, NARCISSUS, etc.

JOHNSON & STOKES, 217-219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

THE SHOOTING CONTEST AT ASHEVILLE.

Thursday Afternoon, August 21.

INDIVIDUAL CONTESTS.

First Event—15 targets—1st, 2nd and 3rd prizes (high guns).

Second Event—25 targets—1st, 2nd and 3rd prizes (high guns).

The team to compete against that of Asheville will be selected according to the records made in the above two events.

TEAM MATCH.

Asheville vs. S. A. F. & O. H.—25 targets per man.

A memento of the win will be presented to each member of the winning team.

We will have the use of a very nice ground, regularly fitted up for this sport, equipped with Magan trap and set of expert traps, and we can assure every lover of the gun a pleasant afternoon's sport. We trust that all of the craft who are shooters will not only attend the coming convention, but will bring along their guns and shells and join in this outing.

ROBERT J. HALLIDAY,
A. B. CARTLEDGE,
Committee.

GREEN DAHLIAS.

Mr. John H. Vesey, Kansas City, Mo., sends us two small dahlia blooms that are entirely green. He says that a local grower has one plant in his field that has produced all green flowers and wishes to know if the case is unique. We have never seen green dahlia blooms before. Will dahlia growers please report any similar case to us?

NOBLESVILLE, IND.—R. Q. Farley has purchased the greenhouses of John Harold & Sons, of this city, and during the coming year will remove the plant to his farm and will build a modern uptown store. He has leased the greenhouses to Chalmar Harold, junior member of the old firm.

TACOMA, WASH.—P. H. Williams is putting up 10,000 feet of glass and will do a regular retail business beginning Sept. 1.

WHOLESALE GROWERS .....OF..... Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.
WHOLESALE BULB GROWERS,
PETERSBURG, VA.
Mention The Review when you write.

Extra Fine Valley
During the Summer
$4.00 to $5.00 per 100
H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.
Mention The Review when you write.

EDW. S. SCHMID,
712 12th St., N. W., WASHINGTON, D. C.
GROWER AND IMPORTER OF
All kinds of AQUATIC PLANTS suitable for Ponds and Aquariums.
Send for large catalogue of Birds, Fish and Plants.
Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.
Manufacturer of
MACHINE WIRED TOOTHPICKS
10,000....$1.50; 50,000....$6.25
3000 6-inch Wired Flag Sticks, $1.20
Samples free. For sale by dealers.
Mention The Review when you write.

Send Advs. Now FOR OUR **Convention Number** To be issued **AUGUST 21st.**

GEORGE M. MOSS,
WHOLESALE FLORIST,
Beauties, Brides, Maids, Carnations, Smilax and Asparagus.
32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.
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EDWARD REID
WHOLESALE FLORIST.
Valley and all seasonable summer flowers.
1526 Ranstead Street. PHILADELPHIA.
Store closes at 6:30 P. M. Saturday 1 P. M.
Long Distance Telephone.
Mention The Review when you write.

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WHOLESALE FLORIST,
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GIANT PANSIES.
Trade packages at $1.00. Also plants of the above strain at $5.00 per 100 and $10.00 for Fancies. They are equal to any that we ever sent out.
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Charles Millang, 50 W. 29th St. NEW YORK.

All through the early morning hours
I hear the music of the flowers,
And day and night their voices ring;
And this the song I hear them sing:—
"Long live Millang The Lily King!"

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to.
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MISS FL. E. DENZER, large pure white flower. 1 pkt., containing 2 ozs. of seed, **$1.50** 8 pkts., containing 1 lb. of seed, **$10.00.** Mailed free.

ZVOLANEK'S CHRISTMAS, the well known pink and white, 1 lb., **$4.00.**

Both varieties, if sown first part of September, start to blooming in November and flower all winter till June.

Also **MONT BLANC** (European) **$2.00** per lb., and all other select florists' Sweet Pea Seed at low prices.

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New Seed 1902—25c per 100, **$2.00** per 1000 **$18.00** per 5000, **$30.00** per 10,000 seeds.

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Burbank's Shasta Daisy Strong, 3 inch, **$15.00** per 100.

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Calla Bulbs, first size, prepaid, **4.00** per 100

WRITE YOUR WANTS ON CARNATION PLANTS.

Express Prepaid.

California Carnation Co.

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5000 SMILAX TO CLOSE.

500 Hibiscus, in 2½ to 4-inch.

5000 Sprengeri, 2 to 6-inch.

5000 Plumosus, 2 to 5-inch.

Boston Ferns, 4 to 10-inch.

Let us have your orders.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

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IVORY (American Rose Co. stock) per 100, $9.00.
BRIDES, BEAUTIES, GONTIER, PERLES, Mme. HOSTE, SAFRANO, GOLDEN GATES, 3-inch pots, per 100, $6.00.

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Rose Plants for Winter Bloom

	Per 100	1000
1500 Golden Gate, extra fine, 3-in..	$5.00	$40.00
1500 Meteor, extra fine, 3-in.....	5.00	40.00
1500 Kaiserin, extra fine, 3-in.....	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyers. Terms cash with order.

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ARAUCARIA EXCELSA,

5-inch pots,	3 tiers,	10 inches high	50c
5½ "	3 "	10 to 12 inches high	60c to 75c
6 "	4 "	15 to 18 "	75c to $1.00

Kentia Forsteriana, 25 to 28 inches high, 5½-in. pots, 5 leaves, 75c. **Kentia Belmoreana,** 20 inches high, 5½-inch pots, 5 leaves, 75c. All good, healthy stock. **Ficus Elastica** later. **Begonias,** tuberous rooted, fine color, 5-inch pots, $1.80 per doz. Mention if pots are wanted. Cash with order please.

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Wholesale Grower and Importer of Pot Plants,
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Roses to Plant!

Well-grown stock, clean and vigorous.

	100	1000
Am. Beauties, 3-inch, special price to close out	$6.00	$55.00
Perles, very nice, 3-inch	5.00	50.00
Golden Gate, 3-inch	5.00	50.00
Brides, 3-inch	5.00	45.00
" 2¼ by 3-inch, strong	3.00	

Special on 3000 fine Meteors
$30.00 per 1000; $3.50 per 100; all strong 3-inch. Thousand rate allowed on 250.

W. H. GULLETT & SONS, LINCOLN, ILL.

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Asparagus Plumosus

3-inch pots, at $5.00 per 100.

SMILAX, 2-inch pots, at $1.50 per 100.

Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.

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Revised List of ROSES on hand JULY 22, 1902, at Geo. A. Kuhl's, PEKIN, ILL. Write him.

	2 by 2½-in.	2½ by 3-in.	3 by 3-in.
Meteors	650	275	
Brides	2400	875	
Maids	850	150	475
Kaiserins		1000	
Perles		700	
Beauties	850	1200	
Liberties	925		
Golden Gates	600	425	
La France	150		
Belle Siebrecht	180	300	
Souperts	50		

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BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100: **$45.00** per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

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Rose Plants

Bride, 3-in., $4.00 per 100; $35.00 per 1000.

Bridesmaid, 3-in., $4.00 per 100; $35.00 per 1000.

Repotted three times. Elegant stock. Unknown parties cash with order. 250 at 1000 rate.

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Surplus Roses-to close

350 Brides, 2½-inch.....2c
200 Maids, 3-inch.....3c
150 Maids, 2½-inch.....2c
75 Perles, 3-inch, fine plants...4c

WM. B. SANDS, Lake Roland, **BALTIMORE, MD.**

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Send Advs. Now FOR OUR Convention Number, To be issued AUGUST 21st.

MILWAUKEE.

Trade Notes.

Funeral work kept stock pretty well cleaned up and the supply of good shipping stock was short of demand, especially in white stock. Asters relieved the shortage of carnations, and plenty of sweet peas, gladioli, Speciosum lilies and miscellaneous outdoor stuff helped out to some considerable extent. Smilax and Asparagus plumosus and Sprengeri are coming in plentifully. There will be a noticeable increase in the local supply the coming season.

Quite a few vegetable gardeners are putting in carnations and violets, and new additions are being made by Nic Zweifel, C. C. Pollworth Co., Wm. Edlefsen, Heitman & Baerman, Holton & Hunkel Co. and Carl Johannes.

Sigmund Hoppenroth, who for many years conducted a florist establishment in the Market Hall, is seriously ill.

Wm. Branch has gone out of business.

Fred Menger has left for Europe to visit relatives.

C. C. Pollworth has left for Austin, Minn., to attend the convention of the Northern Iowa Florists, which comprises the florists of Osage, Owatonna, Charles City, Mason City, Decorah, Cresco, Austin and other surrounding cities.

Incog.

HAMILTON, ONT.

Preparations for the fifth annual convention of the Canadian Horticultural Association, to be held here Sept. 3rd and 4th, are well under way. A delegates' guide book has been issued, giving a great deal of interesting information regarding the city, ways of reaching the various points of interest, etc.

Hamilton has a population of 55,000, has numerous good hotels, is a beautiful and healthful city and an ideal place for a convention. The Hamilton Gardeners' and Florists' Club is a live body, with officers as follows: Fred Turner, president; Jay C. Jenks, vice president; John Connon, treasurer; T. Lawson, secretary.

A floral fete and exhibition will be held in the Thistle Curling Rink during the convention, under the joint management of the Hamilton Horticultural Society and the Hamilton Gardeners' and Florists' Club. Prizes are offered in numerous classes for amateurs and some for professionals. There will also be a distinctively trade exhibit. Information regarding same may be had by addressing T. Lawson, secretary, 159 Robinson street.

PAEONIES IN TEXAS.

Replying to the inquiry from Texas in regard to pæonies, we find that they do not give very good satisfaction in this part of the south, owing to the extremely hot weather during the summer. Where they can be given an abundance of water we have noticed here in Dallas that in some of the yards they bloom very nicely in the spring, but they are not generally cultivated here.

Texas Seed & Floral Co.

Bellefontaine, O.—Poole & Purllant are excavating for a new boiler pit of largo size and are making other improvements. Their grounds are now very attractive and are visited by hosts of people.

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THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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WHOLESALE AND COMMISSION Florists, Consignments Solicited.
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Wholesale Florist
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Write for special quotations on large orders.
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All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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800,000 SQUARE FEET OF GLASS.
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SEND FOR WEEKLY PRICE LIST.
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for Fancy Ferns, $1.00 per 1000. Discount on large orders. Bronze Galax, $1.00 per 1000.
Give us Trial Order.
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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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1316 Pine Street, ST. LOUIS, MO.

Telephone Kinloch C 74.

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GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

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YOU can plant at any time—Roses from 4 and 5-in. pots; Crimson Rambler, Coquette des Blanches, Clothilde Soupert, etc., fine clean plants, 9c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 2-year, from 5-in. pots, 18c; 1 year, from deep 3-in., 9c. Clematis Paniculata, 2-year, from 5-in. pots, 10c; extra from 6-in., 18c. Japan Gold Leaf Honeysuckle, fine 3 and 4-in., 10c. Also Henderson's Snowball and Selected Erfurt Cauliflower from 2-in. pots, 2c. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

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The Best Variegated Foliage Plant to-day is

PANDANUS VEITCHII.

Fine plants, bench pots, $12.00 a doz.

Also larger sizes at $1 50 and $2.00 each.

JOHN WELSH YOUNG, GERMANTOWN,

Upsal Station, Penna R. R. PHILADELPHIA, PA.

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Just Arrived.....

FIRST CONSIGNMENT OF

French BULBS.

WE CAN SUPPLY FOR IMMEDIATE DELIVERY

White Roman Hyacinths, finest quality bulbs, 12-15 cm. in circum., $3.00 per 100; $26.00 per 1000.

Narcissus Paper White Grandiflora, $1.00 per 100. $9.00 per 1000.

Callas. We can offer an unusually fine stock of these for delivery early in August at the following low prices, viz.:

Extra quality bulbs,	1¼ to 1½-inch	diameter	$ 5.00 per 100	$40.00 per 1000
Selected	" 1½ to 1¾	" "	6.00 "	50.00 "
Mammoth	" 1¾ to 2	" "	8.00 "	70.00 "
Exhibition	" 2 to 3	" "	10.00	

Lilium Harrisii. Finest selected bulbs, 6 to 7-inch in circum., case 350 bulbs for $17.50; in less quantities, $6.00 per 100. Finest selected bulbs, 7 to 9-inch in circum., case 200 bulbs for $20.00; in less quantities, $11.00 per 100.

Lilium Longiflorum. (Bermuda-grown.) Bulbs 7 to 9-inch in circum., case 200 bulbs for $20; in less quantities, $11 per 100.

Bermuda Buttercup Oxalis, 75 cts. per 100; $6.00 per 1000.

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, N. Y.

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DAGGER

Hardy Cut Ferns

First Quality, 60 cts. per 1000.

Also Dealer in

Christmas Trees, Baled Spruce for Cemetery Use, Bouquet Green, Sphagnum Moss, Etc.

L. B. BRAGUE, Hinsdale, Mass.

Mr. Brague will have an exhibit at Asheville Convention.

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Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

The New Nephrolepis Fern

Anna Foster

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

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FANCY or DAGGER FERNS, first quality, 50c per 1000; Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Discount on ferns and laurel in large quantities.

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FOTTLER'S ECLIPSE.

FINEST STRAIN EVER OFFERED.

Immense Spikes. Very Fragrant and High Colored.

GREENHOUSE-GROWN SEED. Trade packets of about 2000 seeds, $1.00.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzii, strong plants out of 2-in. pots, $3.00 per 100; 3-in. pots, $6.00 per 100. Elegant plants to get your stock from. Cash with order. A. L. Miller, Jamaica Ave., opp. Schenck Ave., Brooklyn, N. Y.

ACALYPHAS.

Acalypha marginata. 300 extra strong plants in 2½-in. pots, $4.00 per 100. F. O. B. express or freight office. Casb. Mills, The Florist, Jacksonville, Fla.

ACHYRANTHES.

Achyranthes, 250 in 2½-in., both colors, red and green, $3.00 per 100. Cash. Mills, The Florist, Jacksonville, Fla.

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Adiantum farleyense—elegant stock. Write for price list. A. N. Pierson, Cromwell, Conn.

ALYSSUM.

Giant sweet Alyasum, 2-inch pots, $1.50 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y. (Ernest Harris, Mgr.)

3,500 Giant dbl. alyssum, 3-in. pots, extra fine, bushy, $3.00 100. E. J. Cloud, Avondale, Pa.

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Aquatic plants suitable for ponds and aquariums. Send for catalogue of plants, fish and birds. Edw. S. Schmid, 712 12th St., N. W., Washington, D. C.

ARAUCARIAS.

ARAUCARIAS, all sizes.
Send for PALM catalogue.
C. C. POLLWORTH CO., MILWAUKEE, Wis.

A fine lot of Araucaria excelsa, $1.00 to $1.50 each. W. A. Bock, N. Cambridge, Mass.

ASPARAGUS.

ASPARAGUS SPRENGERI.
3½-inch, large, strong plants..... 7c.
4-inch, large, strong plants.....10c.
5-inch, large, strong plants.....20c.
C. C. POLLWORTH CO., MILWAUKEE, Wis.

Plumosus, 2½-in., $4.00 per 100; strong plants from flats, $2.00 per 100. Sprengeri, 2½-in., $2.50 per 100; strong plants from flats, 2.00 per 100. Edw. J. Taylor, Southport, Conn.

Asparagus Sprengeri, strong 4½-in. $10.00 100; 5-in. $15.00 100; extra strong 8-in., growing in field, fine for winter cutting, $35.00 100. S. Muir, 3530 Mich. Ave., Chicago.

1000 Asparagus Sprengeri, nice bushy plants, 2½-in. pots, ready for planting on borders, $3.00 100. E. J. Cloud, Avondale, Pa.

Asparagus Sprengeri, very bushy, 2¼-in. $1.75. Plumosus, extra strong, 2¼-in. $3.50. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Asparagus plumosus nanus, 2½-in. 2c ea., $2.00 100. Must sell as I need the room. U. G. Harglerode, Shippensburg, Pa.

5000 A. Sprengeri, 2 to 6-in., and 5000 A. plumosus, 2 to 5-in. Let us hear from you. Geo. A. Kuhl, Pekin, Ill.

Plumosus, bushy plants from 2¼-inch pots, $5.00 per 100. Cash. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

Asparagus plumosus nanus, extra fine, 2½-in., $5.00 100. Express prepaid. California Carnation Co., Loomis, Cal.

Sprengeri, 2-inch, strong, $1.50 per 100; 2½-inch, strong, $2.00 per 100. M. J. Coventry, Fort Scott, Kans.

75 4-year-old Asparagus plumosus roots, 12½c each. Cash with order. H. P. Owen, Toughkenamon, Pa.

Asparagus Sprengeri, 2-in. pots, fine plants, $2.00 per 100. Ruxton Floral and Nursery Co., Ruxton, Md.

Asparagus Sprengeri, strong plants, 4-in., $8.00, 2-in. $2.00 per 100. A. Schmitt, Glenville, Ohio.

Asparagus plumosus nanus, 3-in., fine, strong stock from our own seed. $7.00 per 100.
Van Wert Greenhouses, Van Wert, Ohio.

Asparagus Sprengeri, 2-in. $2.00 100. A. plumosus, 2-in. $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, extra fine 2-in. $3.50 100, $30.00 1000. A. tenuissimus, 3-in. $5.00 100. Cash. Livingston Seed Co., Columbus, Ohio.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2½-in., fine stock, $3.00 per 100. Joseph Wood, Spring Valley, N. Y.

Asparagus, fine stock. Send for price list.
A. N. PIERSON, Cromwell, Conn.

Asparagus Sprengeri, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $5.00 100.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

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100,000 aster plants. Semple's and Queen of the Market. New lot ready now, grown from the finest seed, at $1.00 per 500; $1.50 per 1000; 10,000 for $12.50. J. C. Schmidt, Bristol, Pa.

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Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-in. pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease. Thomas Roland, Nahant, Mass.

Rex begonias, fine plants ready to pot up, 2-in. $4.00 100; 3-in $5.00 100. N. O. Caswell, Delavan, Ill.

Begonias, Pink Vernon, good stock, 4-in., $8.00 100. Hull Floral Co., Morris, Ill.

BULBS.

FRENCH FORCING BULBS.
White Roman Hyacinths, sound, clean, 11x15 cm. 35c 12, $2.40 100, $22.00 1000.
White Roman Hyacinths, sound, clean, 12x15 cm. 45c 12, $2.60 100, $23.50 1000.
Narcissus, True Grandiflora. Paper White, 13 cm. up, 15c 12, $1.00 100, $8.00 1000.
Freesia, Best White Stock, choice, ⅝-in. up, 5c 12, 40c 100, $3.00 1000. ½-in. up, 10c 12, 60c 100, $4.50 1000. Mammoth, 15c 12, 85c 100, $7.00 1000.
Cyclamen Persicum Gigant. Superb English strain in finest mixture, white, rose, crimson, with red eye, large bulb, $1.00 12, $6.50 100.
Oxalis, Bermuda Buttercup, 1st size, 15c 12, 90c 100, $8.00 1000. 2nd size, 10c 12, 75c 100, $6.00 1000.
Lilium Harrisii, healthy, unblemished stock, 5x7-in., 60c 12, $4.50 100, $44.00 1000. 7x9-in., $1.50 12, $10.50 100, $100.00 1000. 9x11-in., $2.75 12, $20.00 100.
Lil. Candidum, Northern grown, thick petalled, florists' best paying stock, 1st size, 65c 12, $4.75 100, $45.00 1000. 2nd size, 60c 12, $4.50 100, $40.00 1000.
Calla Ethiopica (due August 15th-20th). Our well known Calla stock we handled for 20 years. No disease. 3x5-inch circum., 60c 12, $4.00 100, $35.00 1000. 4x6-inch circum., 75c 12, $5.50 100, $50.00 1000. 5x7-inch circum., $1.00 12, $7.50 100, $70.00 1000. Mammoth (scarce), $1.50 12, $10.00 100.
Our new catalogue will be ready Aug. 15. Send for it.
H. H. Berger & Co., 47 Barclay St., New York.

	100	1000
White Roman Hyacinths, 12-15 cms.	$2.50	$23.00
Paper White Grandiflora Narcissus.	1.00	8.50
Freesias (California grown) ½-inch and over .....10c per doz.	.60	5.00

Selected White Callas 1¼-1½ inches in diameter, 75c per doz.; $5.00 per 100; 1½-2 inches in diameter, $1.00 per doz.; $6.00 per 100. 1¾-2½ inches in diameter, $1.50 per doz.; $10.00 per 100.
Send us your order for Dutch Hyacinths, Tulips, Narcissus, etc.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Lilium Harrisii. Firm, plump bulbs, 5x7-in. $5.00 100, $48.00 1000; 7x9-in. $11.00 100, $105.00 1000. Send for our price list on other bulbs. Walter Mott Seed & Bulb Co., Jamestown, N. Y.

First consignment of FRENCH bulbs.
White Roman Hyacinths, finest quality, 12 to 15 cms. in circ., $3.00 100; $26.00 1000.
Narcissus Paper White grandiflora, $1.00 100; $9.00 1000.
Callas. We offer an unusually fine stock of these at the following low prices:

	Diameter.	100.	1000.
Extra quality	1¼ to 1½ inches	$5.00	$40.00
Selected	1½ to 1¾ inches	6.00	50.00
Mammoth	1¾ to 2 inches	8.00	70.00
Exhibition	2 to 3 inches	10.00	....

Lilium Harrisii. Finest selected bulbs, 6 to 7 inches in circ., case (350 bulbs), $17.50, in less quantities, $8.00 100; 7 to 9 inches in circ., case (200 bulbs), $20.00, in less quantities $11.00 100.
Lilium Longiflorum (Bermuda-Grown), 7 to 9 inches in circ., case (200 bulbs), $20.00; in less quantitites, $11.00 100.
Bermuda Buttercup Oxalis, 75c. 100; $6.00 1000.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Lilium Harrisii, 5-7 $45.00 1000; 7-9 $100.00 1000. Lilium longiflorum, Bermuda-grown, prices same as Harrisii; Japan-grown, retarded, f. o. b. icehouse New York, 6-8 $35.00 1000, 7-9 $50.00 1000, 9-10 $75.00 1000. Roman hyacinths in fine condition, 12x15 $25.00 100. Narcissus, paper white grandi., 13 and up (mammoth), $9.00 1000. Freesia refracta alba, mammoth bulbs, $7.50 100.
Prices on all other bulbs and plants cheerfully given.
F. W. O. SCHMITZ, Prince Bay, N. Y.

FREESIAS, CALLAS, LILIUM HARRISII, etc. If our bulb list has not been received we shall be pleased to send it on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

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Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices.
American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lillies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla bulbs, first size, $4.00 100, prepaid. California Carnation Co., Loomis, Cal.

CANNAS.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

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CARNATIONS. CARNATIONS. CARNATIONS.
THE BEST FIELD-GROWN STOCK.
Every one a choice selected plant.

	100.	1000.
Mrs. Thos. W. Lawson	$6.00	$50.00
Flora Hill	5.00	45.00
White Cloud	5.00	45.00
Geo. H. Crane	5.00	45.00
Glacier	5.00	45.00
Morning Glory	5.00	45.00
Bon Homme Richard	5.00	45.00
America	4.00	35.00
Jubilee	4.00	35.00
Mrs. F. Joost	4.00	35.00
Daybreak	4.00	35.00
Gen. Gomez	4.00	35.00

Order quickly; plants reserved for later shipment if desired. Terms cash.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Field Carnations. 300 Norway, 1st size, $6.00 per 100. 100 Norway, 2d size, $4.00 per 100. 100 Lawson, 1st size, $8.00 per 100. 300 Genevieve Lord, 1st size, $5.00 per 100. 200 Maceo, 1st size, $5.00 per 100. 100 Roosevelt, 1st size, $6.00 per 100. 100 Roosevelt, 2nd size, $4.00 per 100. 200 Evelina, 1st size, $5.00 per 100. 200 Crocker, 1st size, $5.00 per 100. 100 Morning Glory, 1st size, $5.00 per 100. 100 Daybreak, 1st size, $5.00 per 100. 150 Francis Joost, 1st size, $5.00 per 100. 100 Flora Hill, 2d size, $4.00 per 100. 50 Mary Wood, 1st size, $5.00 per 100. 50 Pingree, 1st size, $5.00 per 100. 100 Bradt, 1st size, $6.00 per 100. 100 Bradt, 2d size, $4.00 per 100. These plants are the finest obtainable, plenty of fibrous roots. Will be packed in open crates, and can be delivered any time after August 1st. Will sell the lot for $100.00, cash.
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Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Lawson	$8.00	$70.00	Melba	$5.00	$40.00
Bradt	8.00	70.00	M'Richm'd	5.00	40.00
Marquis	6.00	50.00	Scott	5.00	40.00
White Cl'd	6.00	50.00	Joost	5.00	40.00
Hill	6.00	50.00	Pingree	6.00	....
Lord	5.00	40.00	Gold Nugget	6.00	.....

250 of one variety at 1000 rate.
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Field-grown carnations, strong and healthy.

	100		100
Gov. Wolcott	$16.00	Gomez	$ 6.00
Prosperity	10.00	Queen Louise	10.00
Lawson	10.00	Norway	8.00
Morning Glory	6.00	Egypt	10.00
Maceo	6.00	Flora Hill	6.00
Foster	5.00		

Discount by the thousand. Cash, please.
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Carnations from field. Strong, healthy plants.

3500 Lawson.	2000 Glacier.
2000 Crane.	1000 M. Glory.
4000 White Cloud.	700 Lord.
4500 Triumph.	150 Irene.
2000 Jnost.	300 Marquis.
1000 Maceo.	200 Norway.

First size, $8.00 100; second size, $5.00 100.
300 Prosperity and 200 Lorna, $10.00 100.
W. J. & M. S. VESEY, Fort Wayne, Ind.

FIELD-GROWN CARNATIONS. 200 Marquis, 700 Norway, 800 Lawson, 400 Queen Louise, $6.00 100. 3000 Flora Hill, 1000 Crane, 800 Triumph, 800 Daybreak, $5.00 100, $45.00 1000.
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Carnations from field. 400 each of Crocker and Hill, 50 Guardian Angel and 100 Daybreak, $4.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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Let us know your wants on carnation plants—we prepay express charges. California Carnation Co., Loomis, Cal.

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Send for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

For a good all-round pink take Joost. A1 plants, $6.00 100, $50.00 1000.
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We can still furnish the following from 2½-in. pots. They are well-established, thrifty young plants ready for immediate shipment:

Yellow.	Per 100.	Pink	Per 100.
Col. Appleton	$4.00	Orizaba	$6.00
Philadelphia	5.00	Mary Hill	4.00
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Golden Wedding	4.00	Xeno	3.00
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Yellow Mayflower	3.00	Yanariva	6.00
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Mrs. Whilldin	2.50	Lady Harriett	4.00
Liberty	4.00	J. K. Shaw	3.00
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Modesto	3.00	Red and Bronze.	
E. Dailledouze	3.00	G. W. Childs	4.00
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Major Bonnaffon	3.00	John Pockett	6.00
Nagoya	3.00	Lady Anglesly	4.00
White.		White.	
T. Eaton	4.00	Willow Brook	3.00
Ivory	3.00	Nellie Pockett	4.00
Polly Rose	3.00	Niveus	3.00
Mayflower	3.00	G. S. Kalb	2.50
M. Monarch	2.50	Mrs. J. Jones	3.00
Queen	3.00	Mrs. H. Weeks	3.00
		Lucie Faure	3.00

Our selection of standard varieties, early, midseason and late, $20.00 per 1000; $2.00 per 100. Reduction on large orders.
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Chrysanthemums, 2½-in. $2.00 100, $20.00 1000; rooted cuttings, $13.00 1000. White—Eaton, Bonnaffon, Fitzwygram, Kalb, Bergmann, Ivory, Robinson, Queen.

Yellow—Parr, Sunshine, Fitzwygram, Jones, Trophy, Pennsylvania, Appleton, Hurrell, Bassett, Lincoln, Whilldin.

Pink—Pacific, Perrin, Morel, Murdock, Montmort, Autumn Glory, Ivory.

Bronze—Spaulding, Hanham.

Red—Defender, Shrimpton, Childs.

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Chrysanthemums. W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Park, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.

Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
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Mrs. J. Jones.	Appleton.
Glory of Pacific.	Xeno.
Pres. Smith.	Modesto.
M. Henderson.	Nagoya.
Geo. S. Kalb.	Mrs. E. D. Smith.
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Superba.	

Nice young stock, 2¼-in. pots, your selection, $2.50 100.
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Chrysanthemums, good, clean, fresh stuff not drawn and not dried up: Niveus, White and Yellow Jones, Frank Hardy, Glory of Pacific, Merry Monarch, Col. Appleton, Bonnaffon, White Ivory, O. P. Bassett, W. H. Lincoln, Golden Wedding, Robinson, Mrs. Weeks, and Mrs. Murdock, 2½-in., $2.00 100, $18.00 1000. Cash with order.
CRITCHELL'S, Avondale, Cincinnati, O.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.
MRS. J. W. CROUCH, Chattanooga, Tenn.

Chrysanthemums Cullingfordii, Eureka, Woodford, Minerva, Mrs. J. Jones, Mrs. J. G. Whilldin, Modesto, Mrs. H. Weeks, Mrs. S. T. Murdock, Mrs. O. P. Bassett and others, $2 100; 1,000, our selection, for $15; cash.
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Chrysanthemums, 30 of the best standard and new varieties. No. 1 plants, 2½-in. $2.50, 3½ and 4-in. $5.00, 5-in., fine bushy plants, $10.00 per 100. Friederichsen Bros., Wilton Junction, Iowa.

Chrysanthemums in the leading varieties from 3½ and 4-in. pots, ready for repotting. Our selection, $6.00 per 100. Cash with order. Mrs. Thomas Lawrence, Ogdensburg, N. Y.

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Cinerarias, 2-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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Large-flowering clematis. Finest purple, white, lavender, and pink sorts, 2-yr., 5-in., 18c; 1-yr., 3-in., 9c. Clematis paniculata, 2-yr., 5-in., 10c; extra, 6-in., 18c. W. H. Salter, Rochester, N. Y.

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Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

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Coleus stock plants, including Golden Bedder, Verschaffeltii, Fire Brand, Park Beauty, Nellie Grant, Bismark, Butterfly, and others; 2½-in. pots, short growth, $1.50 100, $10.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

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Cyclamen Persicum Splendens Giganteum. Finest strain in the world, in four true colors, well-grown plants, from 2½-in. pots, $4.00 per 100; $35.00 per 1000. Extra selected, $5.00 per 100; $40.00 per 1000. Satisfaction guaranteed. Paul Mader, East Stroudsburg, Pa.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100. Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum or persicum, ready to shift for Christmas blooming, 3-in., $5.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen for sale cheap as I need the room. 5c ea., $5.00 100. U. G. Harglerode, Shippensburg, Pa.

Cyclamen giganteum, finest mixed, 2½-in., $4.00 100. Cash. John F. Rupp, Shiremanstown, Pa.

Cyclamen giganteum, extra fine strain and plants; in separate colors; 4-in., $12.00 per 100.
C. Winterich, Defiance, Ohio.

Cyclamen giganteum, fine strain, 3-in. $8.00 100, 2½-in. $4.00 100. A. Balmer, Montclair, Colo.

Cyclamen, 2½-in., stocky plants, $3.00 100. Converse Greenhouses, Webster, Mass.

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Burbank'a Shasta daisy, strong 3-in., $15.00 100. Express paid.
California Carnation Co., Loomis, Cal.

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200 Dracaena indivisa, 6-in. pots, 3 ft. 6 in. high, full heads, fine for vases, $15.00 per 100; $2.00 per doz. Ruxton Floral and Nursery Co., Ruxton, Md.

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FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.

ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.

ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, N. J.

Ferns in flats. The most advantageous way to buy in a stock of ferns at a little cost. Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting. We can furnish these ferns, grown separately, each flat containing any one of the following sorts, ferns all good salable varieties. Pteris Wimsettii, P. Gilbertii, P. magnifica, P. serrulata, P. cristoloba, P. cretica albo-lineata, P. adiantoides, P. Mayii, Adiantum cuneatum, Aspidium tenuimense. Price per flat $2.00.

STUMPP & WALTER CO., 50 Barclay St., New York.

Jardiniere Ferns, leading varieties in assortment, extra good stock from large flats, $1.50 per 100.

Boston Ferns, ready for 5 and 6-inch pots, $25.00 per 100. Sample plants, 40 cts. each.

Ten per cent discount on large orders. Cash with order.

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DREER'S FINE FERNS. Now is the time to lay in your supply of ferns. We have in stock over 500,000 plants grown in open frames, well-hardened, and in prime condition to grow for the coming season's use. For varieties and prices see displayed adv. in this issue.

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Boston ferns, strong, 3 to 5 fronds, ready for 3-in. pots, $1.50 100; $10.00 1000. Nephrolepis cordata compacta, size and price of above. N. rufescens tripinnatifida (ostrich plume), small, $3.00 100, 50 and 500 at 100 and 1000 rates. F. O. B. Cash with order. Samples 10c. A. L. Hatch, Rockledge, Fla.

50,000 Boston ferns. I make a specialty of N. Exaltata Bostoniensis. Small plants, $5.00 to $10.00 per 100, taken from the bench.

Assorted ferns, for dishes, $3.00 to $5.00 per 100. W. A. Bock, N. Cambridge, Mass.

Ferns. I have at all times a nice collection of Ferns in 2¼-in. pots, suitable for fern dishes, etc., at $3.00 per 100. From flats at $10.00 per 1000. H. Weston, Hempstead, N. Y.

Orders booked now for September delivery for the new Nephrolepis fern ANNA FOSTER Small plants $25.00 100.

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FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.
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Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000.
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FERNS—Continued.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
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Ferns for fern dishes, 2 and 2½-in. pots, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 25 8-in., to close out, $1.00 each. Cash. Livingston Seed Co., Columbus, Ohio.

Boston ferns from 4-in. pots and up. Write Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 3½-in., $5.00 100. Cash.
Roney Bros., West Grove, Pa.

Maidenhair ferns, 3-in. $5.00 100.
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New Myosotis palustris semperflorens gr. Nixenauge, $1.00 per 100. Samples with bloom, 10c. G. Lotze Glen Burnie, Md.

GERANIUMS.

Geraniums, strictly high-grade varieties, true to name, from 2½-in. pots: Jean Viaud, the pink novelty, and Duchess of Orleans, the variegated wonder, $3.00 100; Nutt, Poitevine, Perkins, Hill, Bruant, Jaulin, Athlete, Morton; Meehan, Kellway and others, $2.00 100, $18.00 1000. Buckley Plant Co., Springfield, Ill.

Geraniums, Sheridan, King of the Scarlets, Nutt, Mrs. Bruant, La Favorite, Naomi, Mme. Salleroi—all named sorts—2½ and 3-in. pots, $1.50 100, $12.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

To clean up. We have at least 15,000 geraniums in 4-in. pots, in bud and bloom, at $5.00 per 100. Cash to accompany the order.
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Apple geraniums, 200 in 4-in. pots, fine plants, $10.00 per 100. Cash. Mills, The Florist, Jacksonville, Fla.

Geraniums, 2½-in. Named, my selection, newer sorts, $3.00 100. E. J. Cloud, Avondale, Pa.

Geraniums; good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
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Cut Gladioli Spikes, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.
ARTHUR COWEE, U. S. Representative and Grower of Groff's Hybrids. "Meadowvale Farm," Berlin, N. Y.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

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Ampelopsis Veitchii, 1 year. No. 1, $3.00 per 100; $15.00 per 1000. No. 2, $1.50 per 100; $10.00 per 1000.
Yucca Filamentosa, 1 year. No. 1, $10.00 per 1000; No. 2, $6.00 per 1000.
Calycanthus Floridus, 1 year. No. 1, $2.00 per 100; $10.00 per 1000. No. 2, $1.00 per 100; $5.00 per 1000.
Azalea, Amoena and Viburnum Tomentosum, well rooted cuttings, $2.50 per 100; $20.00 per 1000.
SAMUEL C. MOON, Morrisville, Pa.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
W. & T. Smith Co., Geneva, N. Y.

ALL HOLLAND NURSERY STOCK.
ENDTZ, VAN NES & CO.,
BOSKOOP. Catalogue free. HOLLAND.

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Heliotropes, 2 and 3-in. Mme. Bruant, the finest heliotrope for pot sales and bedding. N. O. Caswell, Delavan, Ill.

HIBISCUS.

500 hibiscus in 2½ to 4-in. pots.
Write Geo. A. Kuhl, Pekin, Ill.

HONEYSUCKLES.

Japan Gold-leaf honeysuckle, fine 3 and 4-in., 10c. W. H. Salter, Rochester, N. Y.

IVY.

English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

800 English ivies. From field, 2 to 3 leads each, 18 to 24-in. long, $6.00 per 100. Frank H. Kimberly New Haven, Conn.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

English Ivy, 2½-in., fine, $3.00 100. Cash.
Roney Bros., West Grove, Pa.

LILY OF THE VALLEY.

At all times, extra fine CUT BLOOMS of Lily of the Valley, $3.00 per 100. Cash must accompany orders. Anton Schulthels, Box 78, College Point, L. I., N. Y.

Extra fine VALLEY, $4.00 to $5.00 per 100.
H. N. Bruns, 1409 W. Madison St., Chicago.

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Moonvine stock plants; best early blooming varieties, 3-in. pots, $5.00 100. Cash with order. Critchell's, Avondale, Cincinnati, O.

MUSHROOM SPAWN.

English Milltrack mushroom spawn from a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Mushroom spawn, very vigorous, gives extra large and heavy mushrooms. Paul Swanson, 2747 47th St., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NARCISSUS

Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

ORCHIDS.

Orchids. PHALAENOPSIS, largest stock in America: Amabilis, Amethystina, Leucorhoda, Luddemannia, Rosea, Schilleriana, Stuartiana, all sizes, established, and newly imported. Saccolabium guttata and violacea. Vanda lamellata. Odont. crispum, about 100 plants at $1.50 each. Cattleyas, all varieties. Write for prices.
R. Schiffmann, M. D., St. Paul, Minn.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

HIGH-GRADE PAEONIES.
C. S. Harrison's Select Nursery, York, Neb.

PAEONIES—September shipments.
J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

BALL'S PALMS. Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.
KENTIA BELMOREANA, 2½-in. $4.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 5-in. 75c, 6-in. $1.00 and $1.25, 7-in. $1.50, 8-in. $2.00 each. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $2.50, 9-in. $3.00, 10-in. $4.00, $5.00, $6.00 and $7.50.
KENTIA FORSTERIANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 6-in. 75c. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $3.00.
ARECA LUTESCENS, 2½-in. $6.00, 3-in. $10.00, 4-in. $17.50 per 100. Several in a pot, very bushy, 6-in. 50c, 75c and $1.00, 8-in. $2.00 and $3.00, 10-in. $4.00 and $5.00, 12-in. $7.50.
LATANIA BORBONICA, 2½-in. $4.00, 3-in. $8.00 per 100, 4-in. strong, 25c, 6-in. 50c, 8-in. $1.50.
PHOENIX CANARIENSIS, 8-in. pots at $2.00 and $2.50, 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.
ARAUCARIA EXCELSA, 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.00.
ARAUCARIA ROBUSTA COMPACTA, 16 to 18-in. high, 3 to 4 tiers, $2.00; 18 to 20-in. high, 4 tiers, $2.50.
PANDANUS VEITCHII, 6-in. at $1.00.
PANDANUS UTILIS, 4-in. 20c, 6-in. 50c, and 75c, 8-in. $1.00.
COCOS WEDDELLIANA, FICUS ELASTICA, DRACAENA SANDERIANA, ETC.
Descriptive price list on application.
CHAS. D. BALL, Holmesburg, Philadelphia.

Crotons, about 20 varieties, 3-in. pots, strong, 6 to 8 inches, $7.00 100, 50 at 100 rate. F. O. B. Cash with order. Samples 10c.
A. L. Hatch, Rockledge, Fla.

I have 15 large houses full of FINE PALMS, ferns, asparagus, and Adiantum farleyense. Send for price list.
A. N. PIERSON, Cromwell, Conn.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.
W. J. HESSER, PLATTSMOUTH, NEB.

Kentias Belmoreana and Forsteriana, 4-in. pots, $6.00 per doz; 7-in. pots, $2.00 to $2.50 each; larger plants, $3.00 to $15.00 each. Small Kentias, 2½-in. pots, $10.00 per 100. W. A. Bock, N. Cambridge, Mass.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

For sale, a good specimen plant of Phoenix tenuis, about 8 ft. high and 6 ft. across, for $25.00. W. T. Bell & Sons, Franklin, Pa.

Large stock—all sizes and varieties.
Send for PALM catalogue.
C. C. POLLWORTH CO., Milwaukee, Wis.

Latania borbonica, for growing on, fine, 3-in., $6.00 100. J. B. Heiss, Dayton, Ohio.

Kentias, good, 50c, 75c and $1.00 each.
L. H. Foster, 45 King St., Dorchester, Mass.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Zirnglebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirnglebel, Needham, Mass.

Pansy plants from the famous Jennings' strain of seed, ready Sept. 1, at $4.00 1000. E. B. Jennings, Southport, Conn.

PEPPERS.

1000 3-in. Celestial Peppers, fine, bushy plants, several times branched; equal to the best; a fine seller for Christmas and the holidays, $8.00 per 100. D. U. Augspurger & Sons, Peoria, Ill.

Capsicum annuum, "celestial" pepper, 2¼-in. $2.00 100. S. Muir, 3530 Mich. Ave., Chicago.

PRIMULAS.

Improved Chinese primroses, finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-in. $2.00 100. Extras added liberally. Cash. John F. Rupp, Shiremanstown, Pa.

Primula obconica grandiflora, alba and rosea (mixed only), very strong, 2-in. $2.00 100; 3-in., very strong, ready for 4 or 5-in., $5.00 100. N. O. Caswell, Delavan, Ill.

Obconica Grandiflora, Alba and Rosea, and Baby Primroses (Forbesii), 2-in. pots, $2.00 per 100. Cash. Byer Bros., Chambersburg, Pa.

Primroses, Chinese, fringed, and obconica, 2¼-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primroses, Chinese, Obconica grandiflora and Forbesi, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Primroses, 2½-inch pots, fine strain, $3.50 per 100. W. A. Bock, N. Cambridge, Mass.

ROSES.

Roses for winter flowering.
IVORY (American Rose Co.'s stock), $9.00 100.

Brides,	Safranos,
Mme. Hoste,	Goutiers,
Beauties,	Golden Gates.
Perles,	

3-inch pots, $6.00 per 100.
GRAFTED ROSES. Ivory (American Rose Co.'s stock), $18.00 100; Golden Gates, very fine, $12,00 100; Bridesmaids, 3½-in., $12.00 100.
J. L. DILLON, Bloomsburg, Pa.

MANETTI stock. English, $12.00 1000; French, $10.00 1000. Special price on large quantities. Bobbink & Atkins, Rutherford, N. J.

Roses, strong and healthy. Perle, Bride, and Bridesmaid, $5.00 per 100, from 3½-in. pots. H. E. Wilson, Rochester, N. Y.

300 Brides, 2¼-in.....$2.00 per 100
300 Meteors, 2¼-in..... 2.00 per 100
100 Gates, 2¼-in..... 2.00 per 100
1000 Brides, 3-in., fine..... 4.00 per 100
1000 Maids, 3-in., fine..... 4.00 per 100
300 Meteors, 3-in., fine..... 4.00 per 100
100 Gates, 3-in., fine..... 4.00 per 100
This stock is first-class. We expected to plant it but find we have enough and this to spare. Cash with order.
CHAPIN BROS., Lincoln, Neb.

Rose plants, extra fine, for winter bloom.

	100	1000
1500 Golden Gates, 3-in.	$5.00	$40.00
1500 Meteors, 3-in.	5.00	40.00
1500 Kaiserins, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order.
S. ALFRED BAUR, Erie, Pa.

Well-grown stock; clean and vigorous:

	100.	1000.
American Beauties, 3-inch	$6.00	$55.00
Perles, very nice, 3-inch	5.00	50.00
Golden Gates, 3-inch	5.00	50.00
Brides, 3-inch	5.00	45.00
Brides, strong, 2¼ by 3-inch	3.00	

SPECIAL. 3000 fine Meteors, strong, 3-in., $3.50 100; $30.00 1000. 250 at 1000 rate.
W. H. GULLETT & SONS, Lincoln, Ill.

SURPLUS ROSES. We have 600 Meteors, 2400 Brides, 85 Maids, 850 Beauties, 925 Libertles, 600 Golden Gates, 150 La France, 180 Siebrechts and 50 Souperts in 2-by 2½-inch pots; 275 Meteors, 875 Brides, 150 Maids, 1000 Kaiserins, 700 Perles, 1200 Beauties, 425 Golden Gates and 300 Siebrechts in 2½ by 3-inch pots; 475 Maids in 3 by 3-inch pots. For a bargain, write Geo. A. Kuhl, Pekin, Ill.

ROSE PLANTS—SPLENDID STOCK.
Golden Gates 3-in.....$5.00 per 100
Maids, 3-in..... 5.00 per 100
Brides, 3-in..... 5.00 per 100
Kaiserins, 3-in..... 7.00 per 100
Beauties, 3-in..... 8.00 per 100
A. C. BROWN, Springfield, Ill.

Roses, very select; private stock, offered to make room:
1000 Brides, 3-in.....$3.00 per 100
200 Golden Gates, 3-in..... 3.00 per 100
Cash with order.
STUART & HAUGH, Anderson, Ind.

Roses, good strong stock:
1000 Perles .....3-inch $4.00 per 100
1000 Maids .....3-inch 4.00 per 100
200 Brides .....3-inch 4.00 per 100
Cash with order. R. Williamson, Weehawken P. O., North Bergen, N. J.

Roses. Beauties, 2½-in. $3.50, 3-in. $5.00 100. Gates, 2½-in. $3.00 100, $25.00 1000. 3-in. Maids, $40.00 1000. 3-in. Meteors, $35.00 1000. Subject to being sold on receipt of order. Poehlmann Bros., Morton Grove, Ill.

ROSE BUDS. Leading varieties of Hybrid Perpetuals and Mosses. Price: $3.50 per 1000; $15.00 per 5000. Orders under $3.00 not acceptable. Huntsville Wholesale Nurseries, Huntsville, Ala.

SURPLUS ROSES—To close.
350 Brides, 2½inch.....2 cents
150 Maids, 2½-inch.....2 cents
200 Maids, 3-inch.....3 cents
75 Perles, 3-inch, fine plants.....4 cents
WM. B. SANDS, Lake Roland, Baltimore, Md.

Roses. Surplus stock, grown for own planting. Clean, strong stuff. 400 Bridesmaids, 400 Brides, 100 Perles, 75 Wootton, 3½-in. pots, $5.00 per 100. Cash.
JOHN WHITE, Elizabeth, N. J.

2000 roses. Last call for good healthy Bride and Bridesmaid, $3.50 per 100; $30.00 per 1000. 500 at 1000 rates. Cash with order. W. T. Hillborn, Newtown, Bucks Co., Pa.

Roses. Bride and Bridesmaid, 3½ and 4-in. pots, $6.00 per 100. Write for price on larger quantities. F. C. Schweinfurth, Bronxville, N. Y.

Roses. Brides and Bridesmaids, 2½-in., $3.00 100. Meteors, 3-in., $3.50 100. Golden Gates and Kaiserins, 4-in., $8.00 100. Cash.
W. J. & M. S. VESEY, Fort Wayne, Ind.

BRIDE and BRIDESMAID rose plants, repotted 3 times; elegant stock. 3-in. $4.00 100, $35.00 1000. Cash with order.
Brant & Noe, Forest Glen, Chicago.

ULRICH BRUNNER from bardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Bride, Bridesmaids, Perle and Golden Gate roses, 4-in., $8.00 per 100.
Geo. L. Parker, Washington & Rockwell Sts., Boston, Mass.

Kaiserin roses, nice 3-in. plants, $5.00 per 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Roses. Bride and Bridesmaid, from 4-in. pots, good plants, $5.00 per 100; $40.00 per 1000. J. A. Cosgrove, Madison, N. J.

Roses. Strong, well-rooted plants, from 3½-inch pots, Bride and Bridesmaid, $5.00 per 100. E. R. Fry Florist Co., Rochester, N. Y.

Golden Gate roses, fine plants, 3-in. pots, $4.00 per 100; $35.00 per 1000. Ruxton Floral and Nursery Co., Ruxton, Md.

Bridesmaids, 3½-inch plants, strong healthy stock, $5.00 per 100. $40.00 per 1000. Edw. J. Taylor, Southport, Conn.

Crimson Rambler, C. des Blanches, C. Soupert, etc., fine, clean plants, 9c. W. H. Salter, Rochester, N. Y.

Brides and Maids, 2-inch, $2.00 per 100; $18.00 per 1000. McAllister & Company, Batavia, Ill.

IVORY ROSES. Fine strong 4-in. pot plants, $15.00 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Bride and Maid roses, 3-in., $3.00 per 100, $30.00 per 1000. Cash with order.
ALBERT F. AMLING, Maywood, Ill.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Rubber plants, 5-in. pots, 18-in. high, $3.00 and $4.00 per doz. William A. Bock, No. Cambridge, Mass.

Rubber plants, various sizes; prices on application. Ruxton Floral and Nursery Co., Ruxton, Md.

Top cuttings of Rubbers, 5 to 8 leaves, well rooted, out of 3-in. pots, $15.00 per 100.
A. C. OELSCHIG, Savannah, Ga.

FICUS. We have a large stock and its fine. Send for price list.
A. N. PIERSON, Cromwell, Conn.

SEEDS.

Pansy seed. Sow now. Berger's Never-fail Mixture, our own selection of the finest strains, all sorts, all colors, 1000 seeds, 25c; 5000 seeds, $1.00; 1 oz., $2.50.
Pansies in separate colors, white, black, yellow, red, blue, copper, bronze, violet, purple, four colors, etc., 1000 seeds, 25c; 5000 seeds, $1.00; 1 oz., $2.00.
Cassier, Bugnot, Odier, Trimardeau, 1000 seeds, 25c; 5000 seeds, $1.00; 1 oz., $2.50.
Any favorite named sort in stock.
Calceolaria and Cineraria Seeds, pkt. 500 seeds, 25c; 5 pkts., $1.00.
Our new catalogue ready August 15th. Send postal if it is not mailed to you.
H. H. Berger & Co., 47 Barclay St., New York.

Pansy seed that comes true to description.

	¼ oz.
Finest French Giant-Flowered Strains	$1.00
Finest German Strains	1.00
Bordered, Large-Flowered German	1.00
Finest Velvety, rich colors	1.00
Finest Dark Yellow, three-spotted	1.00
Woodbury, White, best large-flowered	1.50
Woodbury's Special Mixture	1.25

Trade packet of any of above, 50 cts.
DAVID B. WOODBURY, Pansy Specialist, So. Paris, Me.

CHRISTMAS FLOWERING SWEET PEA SEEDS
Miss Fl. E. Denzer, large pure white flower, 1 pkt. (2 oz.), $1.50; 8 pkts. (1 lb.), $10.00; mailed free. ZVOLANEK'S CHRISTMAS, the well-known pink and white, 1 lb. $4.00. Both varieties, if sown first of September, will bloom in November and flower all winter until June.
Mont Blanc (European), $2.00 lb., and all other select florists' sweet pea seed at low prices.
ANT. C. ZVOLANEK, Grand View, N. J.

Pansy seed. Roemer's Superb Prize Pansies. The World's Best. New crop now ready. My own growing. This mixture comprises the choicest strains of Pansies grown, all the new shades and richest colors are included, and for beauty, variety of color, size of flower, and perfection of form is unsurpassed. Mixed, per pkt. of 3000 seeds, $1.00; ¼ oz., $1.50; ½ oz. $2.5); 1 oz., $5.00. Cash with order.
PETER BROWN, Lancaster, Pa.

Giant Pansy seed, large-flowering varieties, 5000 seeds, $1.00; half pkt., 50c. Cinerarias, finest dwarf, 1000 seeds, 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Chinese primrose, finest grown, large-flowered, fringed, single and double, 15 var., mixed, 500 seeds, $1.00; half pkt., 50c. Daisy, double giant, white and rose, mixed or separate, 1000 seeds, 25c. Cash. A pkt. of new ever-blooming forget-me-not, "Constance," added to every order.
John F. Rupp, Shiremanstown, Pa.

Pedigreed seed from Rosecroft Gardens. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed. $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

PANSY SEED. Mammoth Butterfly, very fine, 1000 seeds 25c. Choice named varieties, ⅛ oz. 75c. ½ oz. $2.50, oz. $4.00. Extra choice mixture, 20 varieties, trade pkt. 35c, oz. $4.00. Giant Trimardeau, high-grade mixture, oz. 75c. Giant Trimardeau, named colors, 20 var., 75c to $4.00 oz. Above are imported direct from best growers. Seed all tested.
J. C. MURRAY, Seedsman, Peoria, Ill.

Imperial Pansy. Finest Giant Flower in all shades and colors, oz., $2.00.; Pkt., 25 cts. Cryptomeria Japonica, the Japan Araucaria, 1000 seeds, $1.50; pkt., 25 cts. Primula chin. fimb. glob., in colors or mixed, pkt., 25 cts. Cineraria, by prize strains, pkt., 25c. Hollyhocks, Chat. prize strains, mixed, oz., $1.25; pkt., 25c. SHELLROAD GREENHOUSES, Grange P. O., Baltimore, Md.

PANSY SEEDS. The famous DIAMOND STRAIN. The best strain for florists, large size, perfect form, thick velvety petals, and greatest variety of rich and odd colors and markings. All varieties mixed; trade packet, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00. Cash with order.
PANSIES a SPECIALTY for over 25 years. L. W. GOODELL, Pansy Park, Dwight, Mass.

Pansy—J. & S. Kingly Collection. The finest strain of Giant Pansies now offered to the trade. It will please the most critical grower with its immense size, perfection of form, great substance and rich colors. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; per oz., $5.00.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Cyclamen persicum seed, $4.00 1000 seeds. Asparagus Sprengeri seed, $1.75 1000 seeds. Prize strain pansy seed, Bugnot, Cassier and Odier mixed, or Giant Trimardeau, $2.00 oz. All fresh seed. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

New crop PANSY seed of the famous JENNINGS' strain now ready. Finest mixed. pkt. $1.00; ½ oz. $3.00; oz. $5.00. Separate colors, red, white, blue, yellow and black, 50c pkt. Cash. E. B. Jennings, Box 254, Southport, Conn.

Florists' Mignonette. FOTTLER'S ECLIPSE is the finest strain ever offered; immense spikes, very fragrant, and highly colored. Greenhouse-grown seed, $1.00 per trade pkt. of about 2000 seeds. Catalogue on application.
SCHLEGEL & FOTTLER CO., Boston, Mass.

Forget-me-not. Myosotis Alpestris Victoria. Dwarf variety. Best for spring sales. Trade pkt. 20 cts; oz., $1.00. Wholesale bulb list on application. D. Landreth & Sons, 1217 Market St., Philadelphia, Pa.

Seeds. Giant Prize cineraria, Calceolaria grandiflora and fringed Chinese primula, 50c pkt. Cyclamen giganteum, 100 seeds, 75c; 1000 seeds, $6.00. Pansy, superb mixture, $5.00 oz.
W. C. Beckert, Allegheny, Pa.

Fresh double HOLLYHOCK seed, white, pink, red, black, maroon and yellow, 10c per pkt. Allegheny, 15c per pkt. One pkt. each of the 7 varieties for 50c. Harvey B. Snow, Camden, New York.

New seed of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 5000, $30.00 10,000 seeds. Asparagus Sprengeri seed, $1.50 1000. Express prepaid. California Carnation Co., Loomis, Cal.

Pansy seed. Lehde's pansies are pronounced the finest on the Buffalo market; large size, varied and rich colors. New crop seed, ¼ oz., $1.00; oz., $3.00. J. G. Lehde, Forks, N. Y.

Cyclamen gig. seeds. Our own well-known strain. In separate colors, $7.00 per 1000 seeds, 75c per 100 seeds. Lehnig & Winnefeld, Hackensack, N. J.

PANSY SEED—New crop—My own saving—Every possible color, shade and marking—oz. $4.00; ¼ oz. $1.00.
FRANCIS BRILL, Hempstead, L. I., N. Y.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Sweet pea seed (Christmas), winter bloomer, 35c oz., postpaid. H. M. Fitch, Mystic, Conn.

Zirnglebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirnglebel, Needham, Mass.

SMILAX.

Smilax, 5-6 feet long, heavy strings, 12½ cts. per string. Send for price on large quantity. Frenking & Fink, 1200 East Hamilton Ave., Trenton, N. J.

Smilax, fine large plants, ready to run, 2-in. $1.00 100; extra fine, 2½-in. $2.00 100. Cash. Sample by mail, 15c. W. H. Woerner, Elwood, Ind.

Smilax. Big, strong plants ready to run; they are fine and will surely please you, $1.50 100; $13.00 1000. C. Humfeld, Clay Center, Kan.

Smilax. Bushy plants, twice cut back, 2½-in. pots, $2.00 per 100; 3-in. pots, $3.00 per 100. J. S. Bloom, Riegelsville, Pa.

SMILAX—Continued

Smilax. 3000 strong 2½-in. pots, been cut back twice. $2.00 per 100; $15.00 per 1000. Cash with order. H. P. Owen, Tonghkenamon, Pa.

We are HEADQUARTERS for SMILAX. Strictly first-class stock from 2¼-in. pots $1.25 100, $10.00 1000. Cash.
BUCKLEY PLANT CO., Springfield, Ill.

SMILAX—SPECIAL PRICE.
From 2½-in. pots, $1.25 100, $10.00 1000.
B. FRANK BARR, Lancaster, Pa.

2000 smilax clumps, 1 year old, $10.00 per 1000; $1.25 per 100. Cash with order. H. P. Owen, Tonghkenamon, Pa.

Smilax, 2-in., strong, bushy plants, $1.00 100, $9.00 1000. Cash, please. Mail sample, 10c. R. Kilbourn, Clinton, N. Y.

600 2½-in. extra strong smilax (cut back), $2.00 per 100. Cash with order. Chapin Bros., Lincoln, Neb.

Smilax, strong, bushy plants, 2 and 2½-in. A postal gets our prices. M. A. Barick, Seymour, Ind.

Fine smilax, cut back; 2-in., $2.00 per 100; $18.00 per 1000. Joseph Wood, Spring Valley, N. Y.

Smilax, strong, ready to branch, 2-in. $1.00 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Smilax ready for benching; strong, 2½-in. $1.50 100, $12.50 1000. John Brod, Niles Center, Ill.

Smilax. Fine stocky plants, 40 cts. per 100; $3.00 per 1000. Out of 2¼-in., $1.00 per 100.
J. C. Schmidt, Bristol, Pa.

Smilax plants, 1200 3-in., strong, bushy plants, $2.00 per 100; $15.00 for the 1200.
Geo. Broadrup, Dayton, Ohio.

Smilax, 2-in. $1.50 100, $12.50 1000; 3-in. $3.00 100, $25.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Smilax, strong 2½-in. ready to bench, $2.00 per 100.
LEARNARD & SHIRLEY, Danvers, Mass.

Smilax, extra strong; 2½-in. pots, $2.50 per 100. Samuel S. Peckham, Fairhaven, Mass.

Smilax, 2¼-in., bushy. $1.50 per 100. W. G. Kroeber, Tremont St., New Bedford, Mass.

Smilax, fine plants, 2½-in., 2 plants in a pot, $2.00 100. T. D. Brown, Adams, Mass.

Smilax, strong heavy 1 year plants, $3.00 100. F. A. Baller, Bloomington, Ill.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C Betscher, Canal Dover, O.

SMILAX, 2000 strong 2½-in. $15.00 1000, $2.00 100. Murray The Florist, Peoria, Ill.

Smilax, 2-inch, strong, 75 cts. per 100. M. J. Coventry, Fort Scott, Kans.

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Smilax, 2-inch, $1.00 per 100. McAllister & Co., Batavia, Ill.

SMILAX, cut strings, good, $12.00 per 100.
EVENDEN BROS., Williamsport, Pa.

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Geo. A. Kuhl, Pekin, Ill.

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E. J. Cloud, Avondale, Pa.

Smilax, good, 2½-in., $2.00 100.
Harry White, R. R. No. 6, Wabash, Ind.

Smilax, 2 in., strong, $1.50 100.
Albert M. Herr, Lancaster, Pa.

Smilax, 500 3-in., $2.50 100.
Roney Bros., West Grove, Pa.

Smilax, 2-in., $1.00 100.
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Review
Classified Advs.

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Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Stevia, fine plants, 3-in. $2.50 100.
Crabb & Hunter, Grand Rapids, Mich.

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Cyperus, very strong, 3-in., $3.00 per 100; 2½-inch, $2.00 per 100. J. S. Bloom, Riegelsville, Pa.

Umbrella plants. Fine, 3-in., $4.00 per 100.
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KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

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150,000 CELERY PLANTS, cultivated and strong. Giant Pascal, Schumacher, Winter Queen, Perf. Heartwell, Fin de Siecle, Michell's Far Superior and Golden Heart, $1.75 per 1000. Packed light.
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Celery. White Plume, strong field-grown $1.25 100. Giant Pascal, strong transplanted plants, $2.00 100. Cash. Ludwig Mosbaek, 8500 Anthony Ave., Chicago.

2500 selected Mayflower and Lorillard tomato plants, 3-in pots, 10 to 12 inches from top of pot, strong, $3.00 100. E. J. Cloud, Avondale, Pa.

Henderson's Snowball and selected Erfurt cauliflower, 2-in., 2c. W. H. Salter, Rochester, N. Y.

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Lemon verbenas, bushy 2½-in. $3.00 100; 2¼-in. $2.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

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Marie Louise violets, large, strong, healthy plants; worth double, but to make room offer at $10.00 1000; extra large plants, $14.00 1000; good strong plants from soil $7.00 1000. All No. 1 stock—your money back if not satisfactory. Cash, please. Wm. S. Herzog, Morris Plains, N. J.

Violet plants, strong and healthy stock. Marie Louise, Campbell and Swanley White, from 2½-in. pots, $25.00 1000. Marie Louise, extra, from soil, $20.00 1000. California and Dorsett, single, $2.75 100. Frank H. Kimberly, New Haven, Conn

Potted Violet Plants. A few thousand surplus 2½-inch Marie Louise and Farquhar plants, carefully grown for own use, in sterilized soil, and have been regularly fumigated. Selected stock at $2.00 per 100; $20.00 per 1000.
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Marie Louise, Campbell and Swanley White, 2½-in. strong, $3.00 100, or $25.00 1000. California from soil, $1.00 100. All fit to bench now. Cash. Benj. Connell, West Grove, Pa.

Ready August 10. Marie Louise, clean and healthy in every particular, 3-in. pots, $5.00 per 100. Cash with order. Wm. J. Chinnick, Trenton, N. J.

Marie Louise violets, strong plants, February struck, healthy and free from disease, $10.00 per 1000. Cash with order.
C. Lowritzen, Rhinebeck-on-Hudson, N. Y.

Campbell violet clumps, field-grown, at $3.00 100. Ready now, clean and healthy. By the violet grower, A. B. Campbell, Cochranville, Pa.

Violets, fine stock, all varieties, 3-in. $4.00 100, $35.00 1000; 2¼-in. $2.75 100, $25.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Princess of Wales and Marie Louise violet plants, strong field-grown, $4.50 100, $40.00 1000. Cash. Loeffler Bros., Watertown, Wis.

Marie Louise, strong, healthy plants from soil, $15.00 per 1000. Call and examine stock. J. M. Lowe, Box 115, Rhinebeck, N. Y.

Imperial violet plants, 2½-in. pots, grown for our own use. Good plants, $2.50 per 100. Wise Bros., East Aurora, N. Y.

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MARIE LOUISE violets, fine healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Marie Louise violets, strong, clean, healthy plants, $2.50 100, $20.00 1000.
J. B. RUDY, Elmira, N. Y.

Princess of Wales violets. 2½-in. $2.50 per 100. Cash with order.
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To Exchange.—Zamia integrifolia (Florida sago palm), bbl. lots, 6c per lb.; Yucca aloifolia, Y. filamentosa, Y. rigida, $5.00 to $25.00 per 100, large specimens $1.00 each and up. Cash or exchange for bedding stock. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

To Exchange—4½ and 5-in. Asparagus Sprengeri and Capsicum annuum (celestial pepper), 2¼-in., for Asparagus plumosus 2½ to 4-in., or good size Boston ferns. S. Muir, 3530 Mich. Ave., Chicago.

To Exchange—Cyclamen giganteum, 3-in. at $8.00. 2½-in. at $4.00 100, for young stock of Beauties, Brides and Maids. A. Balmer, Montclair, Colo.

To Exchange—Rubbers, clean strong 3-in. plants at $15.00 per 100, for a few thousand carnations. Let me hear what you have.
A. C. OELSCHIG, Savannah, Ga.

To Exchange—2000 Bridesmaids and 250 Brides, 3-in. pots, in exchange for chrysanthemums or smilax. H. W. Wieland, Bucks Co., Newtown, Pa.

To Exchange.—1000 A-I Joost for Flora Hill and White Cloud. Otto Rourdy, Lowell, Mass.

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WILL OUT-LAST YOU.
Something new in bench tile. Light, strong and never rots. Cheap as lumber in first cost. Harbors no insects, does not swell, shrink or warp, gives good drainage and yet holds moisture. Send for sample and price to
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Good Hose. J. G. & A. Esler, Saddle River, N. J.

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NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
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Rose lice, red spider and mildew on rose bushes prevented by SULPHO-TOBACCO SOAP. Write for our special offer to florists.
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Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

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GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

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Those RED pots. The right kind.
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Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

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American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
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Galvanized wire flower stakes. Any length or size desired.
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FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Av.

BOILER AND CHIMNEY.

Does it make a difference in the draft of a boiler whether it is far from or near the chimney, and if so, what is the difference? I intended placing a boiler about thirty feet away and leading a nearly horizontal smoke-pipe to my present chimney, which is twenty-five feet high, but I was told I would get no draft at all, and that I would have to either move it or make the chimney higher. Is that right? G. K.
Mich.

Replying to G. K., it makes a great difference whether the boiler is near the chimney or far away from it. If it is desired to use a horizontal flue thirty feet from the boiler to the chimney, be should certainly increase the height of his chimney at least fifteen feet. Another question, however, suggests itself: the chimney having been built for the first boiler, has it sufficient capacity to care for the second boiler with the handicap of the long horizontal connecting flue? I am inclined to think it would be better to build a separate chimney, but cannot say definitely without knowing all the details of the case.
New York. HENRY W. GIBBONS.

PIPING.

When we connect the boiler in our new boiler pit with the greenhouse there will be a down-grade of fourteen inches in the length of the house, which is ninety-eight feet long, hot water to be used. Shall we have to run flow pipes on a dead level or can we run them along ridge, making the water travel up the grade of fourteen inches to highest point, which is ninety-eight feet north from top of boiler?
Ohio. P. & P.

Replying to P. & P., as I understand their description, there is a rise in the floor of the greenhouse of about fourteen inches from the boiler end to the far end, thus, if the boiler is deep enough to allow the flow pipes to enter the house under the benches, all flows and returns should follow the grade of the land, thus the flow will rise to the far end of the house and the returns will fall back to the boiler end; if, however, the cellar is not deep enough to allow the flow to enter the greenhouse below the bench, it may be carried at the ridge, either following the grade of the house or dropping, as desired; an expansion tank will have to be placed at a point above the highest part of the circulating pipes. It would be better, if possible, to run the flows and returns below the bench. HENRY W. GIBBONS.
New York.

PIPING.

How many lines of 2-inch pipes will it take to heat with water so as to hold at 60 degrees, where thermometer occasionally falls to 10 to 14 degrees below zero, a three-quarter span house, 18x112 inside of walls, 11½ feet to ridge, side walls 5½ feet high, of hollow tile, one row of 12x14 glass in side wall?
Ind. W. H. W.

Replying to W. H. W., I would advise him to use fourteen lines of 2-inch pipes in the house described, which will easily maintain 60 degrees on coldest nights.
New York. HENRY W. GIBBONS.

BELOIT, WIS.—Frank Manahan, for some years past at Delavan, has purchased six acres of land here and will move his plant to the new location at once.

WINCHESTER, TENN.—W. Lee Wilson, secretary and treasurer of the Southern Nursery Co., died July 27 of consumption. The remains were taken to his former home in Louisiana for interment. He leaves a wife and three children.

OTTUMWA, IA.—Miss Letta Baker has sold her florist business to Mr. C. Kranz.

AVOCA, N. Y.—The Avoca Floral Society will hold its fourth annual exhibition Aug. 8th and 9th.

DELAVAN, ILL.—N. O. Caswell has finished two new houses, each 21 ft. 3 in. x75 ft., and intends to rebuild all his old houses.

MR. BAUR writes us that he could not send any carnation notes for this week's issue, but will have a batch for next week.

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OUR STOCK
Will Please
YOUR CUSTOMERS.
C. C. Pollworth Co.
Milwaukee, Wis.

Catalogue on application.

Mention The Review when you write.

TARRYTOWN, N. Y.

Tarrytown Horticultural Society.

Meeting held July 31st, 1902, President Scott in the chair. Executive committee reported articles of incorporation complete, signed and certified, and the same was read. Six persons were elected to honorary membership and four to active membership. Mr. Grant Feetsall's name was by request changed from the honorary to the active list, and two new names were proposed for active membership.

The exhibits of the evening were: Collection of dahlias and Rubus sorbifolius, from L. A. Martin, of Greenwich; mignonette, from Francis Gibson, and lilies, from Thos. Cockburn. L. A. Martin was awarded honorable mention for dahlias and certificate of merit for Rubus sorbifolius.

An essay was read by W. H. Waite, superintendent of Greystone, Yonkers, on stove plants. Discussion followed, by Messrs. Mooney, McFarlane, Scott and Donold. A rising vote of thanks was given Mr. Waite for his very able essay. L. A. Martin will read an essay on dahlias at the September meeting. The question of a day's outing for the club was referred to the executive committee.

H. J. Rayner,
Corresponding Secretary.

ERIE, PA.

John Trost, a much respected citizen of this city, died at his home at Twenty-fourth and Parade streets, on Monday morning, July 28, aged about 46 years.

Mr. Trost was born in Ranzin, Germany, where, at the age of 13, he began work for a large nursery, continuing there until thirteen years ago, when he came to America and established himself in the retail florist business at his present location in Erie.

Deceased had been sick for about six months. He was well thought of by his many friends and leaves to mouru his death his father, four sisters and two brothers. S.

West Whiteland, Pa.—J. L. Maull, of the Millbrook Lea greenhouses, commenced shipping outdoor carnations June 22 and is now sending four or five hundred a week to the Philadelphia market. Fisher is the variety.

Reisterstown, Md.—Chas. B. Wright is erecting a 25x50 foot carnation house and has added 50 sash for violets.

Roses and Mums to Close Out

White—Eaton, W. Bonnaffon, Fitzwygram, Kalb, Bergmann, Ivory, Robinson, Queen; **Yellow**—Parr, Sunshine, Yel. Fitzwygram, Yel. Jones, Trophy, Pennsylvania, Appleton, H. Hurrell, O. P. Bassett, Lincoln, Whilldin; **Pink**—Pacific, Perrin, Morel, Murdock, Montmort, Asst. Glory, P. Ivory; **Bronze**—Spaulding, Hanham; **Red**—Defender, Shrimpton, Childs, 2½-inch, $2.00 per 100; $20.00 per 1000. **Rooted Cuttings** of the above $13.00 per 1000 as long as they last. Get your order in quick.

Beauties, 2½-inch, $3.50 per 100; 3-inch, $5.00 per 100. **Gates,** 2¼-inch, $3.00 per 100; $25.00 per 1000. **Maids,** 3-in., $40.00 per 1000. **Meteors,** 3-in., $55.00 per 1000. Subject to being sold on receipt of order.

Poehlmann Bros. Co., -- Morton Grove, Ill.

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	Per 100
Chinese	$2.00
Obconica Grand	2.00
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Asparagus { Sprengeri, 2-inch pots 2.00; Plumosus " " 3.00

Carnations { 400 each E. Crocker, F. Hill 4.00; G. Angel 50 and 100 Daybreak from field 4.00

PANSY SEED, August 15th, oz., $4.00. Cash or C. O. D.

JOS. H. CUNNINGHAM, - - Delaware, Ohio.

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CALCEOLARIA, Grandiflora " 50c
PRIMULA, Chinese Fringed " 50c
CYCLAMEN, Giganteum, 100 seeds 75c
1000 seeds, **$6 00.**
PANSY, Superb Mixture oz., **$5.00**

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3-inch, $4.00 per 100; $35.00 per 1000.
2¼-inch, 2.75 " 25.00 "

SMILAX, 2-inch, $1.50 per 100; $12.50 per 1000.
3-inch 3.00 " 25.00 "

STEVIA, fine plants, 3-inch, $2.50 per 100.
SWAINSONA, 3-inch, $8.00 per 100.

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Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
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LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo.

Latania Borbonica

for growing on, 3-inch pots, fine plants, $6.00 per 100.

J. B. HEISS, The Exotic Nurseries, DAYTON, OHIO.

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PRIMROSES!

IMPROVED CHINESE. Finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-inch pots, $2.00 per 100. Extras added liberally.

CYCLAMEN GIGANTEUM. Finest mixed, 2½-inch pots, $4.00 per 100. Be sure to name your express office.

GIANT PANSY SEED.

The best large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50 cts.

CINERARIA. Finest dwarf, 1000 seeds 50 cts.

CALCEOLARIA. Dwarf, large-flowering, tigered and spotted, fine, 1000 seeds, 50 cts.

CHINESE PRIMROSE. Finest grown, large-flowering, fringed, single and double, 15 varieties, mxd., 500 seeds, $1.00; half-pkt, 50 cts.

DAISY. Double Giant white and rose, mixed or separate, 1000 seeds, 25 cts.

Cash. A packet of the new ever-blooming forget-me-not "Constance" added to every seed order.

JOHN F. RUPP, SHIREMANSTOWN, PA.

The Home of Primroses.

YOU OUGHT TO TRY

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at **$3.75** per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

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DREER'S FINE FERNS!

Now is the time to lay in your supply of FERNS. We have in stock over one-half million plants grown in open frames, well-hardened and in prime condition to grow on for the coming season's use.

	In. Pots.	Per 100	Per 1000
Adiantum Aethiopicum	3	$10.00	....
" Bellum	2	5 00	.....
" Bausei	3	10.00	.....
" Capillus-Veneris	3	8 00	.....
" " " Mairisii	3	10.00	.....
" Cuneatum	2	3.50	$30.00
" "	3	6.00	50.00
" " Variegatum	2	4.00	.....
" " "	3	6.00	.....
" Charlottæ	2	4.00	30.00
" "	3	6.00	.
" Decorum	2	3.50	30.00
" "	3	6.00	50.00
" Farleyense	2	8.00	.....
" "	3	15.00	.....
" Grandiceps	2	3.50	30.00
" "	3	6.00	.....
" Gracillimum	2	3.50	30.00
" "	3	6.00	50.00
" Le Grandi	2	6.00	.....
" "	3	8.00	.....
" Mundulum	2	4.00	.....
" "	3	6.00	.....
" Pubescens	2	3.00	25.00
" Rochfordianum	2	3.50	30.00
" "	3	6 00	50.00
" Weigandii	2	6.00	50.00
" Rhodophyllum	2	5.00	.....
" "	3	8.00	.....
Aspidium Tsussimense	2¼	3.50	30.00
Asplenium Nidus-avis	3	20.00	.....
Blechnum Braziliense	2¼	3.50	30.00
" Occidentale	2¼	3.50	30.00
" Rubrum	2¼	3.50	30.00
Cyrtomium Falcatum	2¼	3.50	30.00
" Fortunei	2¼	3.50	30.00
Davallia Fijeusis Plumosa	2	8.00	.....
" " Majus	3	10.00	.....
" Pentaphylla	3	8.00	.....
" Stricta	2¼	3.50	30.00
Dicksonia Antarctica	3	8.00	....
Doodia Aspera Multifida	2¼	3.50	30.00
" Caudata	2¼	3.50	30.00
Gymnogramme Sulphurea	2¼	5.00	.....
Lastrea Aristata Variegata	2¼	3.50	30.00
" Chrysoloba	2¼	3.50	30.00
Lygodium Scandens	2¼	4.00	30.00
Microlepia Hirta Cristata	2¼	$ 6.00	.....
" " "	3	10.00	.....
" " "	4	15.00	.....
Nephrolepis Bostoniensis	2¼	4.00	$35.00
" "	6	40.00	.....
" Cordata Compacta	2¼	4.00	35.00
" Duffii	3	6 00	.....
" "	4	10.00	.....
" Pectinata	3	6.00	.....
" Rufescens Tripinatifida	3	10 00	.....
Onychium Japonicum	2¼	3.50	.....
Platyloma Falcata	2¼	4.00	35.00
Polypodium Aureum	2¼	3.00	25.00
" Areolata	2¼	3.50	30.00
" Fraxinitolia	2¼	3.50	30.00
Polystichum Coriaceum	2¼	4.00	35.00
" Setosum	2¼	3.50	30.00
Pteris Adiantoides	2¼	3.00	25.00
" Argentea	2¼	3.50	30.00
" Argyraea	2¼	3.50	30.00
" Cretica Albo-Lineata	2¼	3.50	30.00
" " Magnifica	2¼	3.50	30.00
" Hastata	2¼	3.00	25.00
" Harrisoni	2¼	3.50	30.00
" Internata	2¼	3.50	30.00
" Leptophylla	2¼	3.50	30.00
" Longifolia	2¼	4.00	.....
" " Mariesii	2¼	4 00	.....
" Nemoralis	2¼	3.50	.....
" Ouvrardi	2¼	3.50	30.00
" Palmata	2¼	3.50	30.00
" Serrulata	2¼	3.00	25.00
" " Cristata	2¼	3.50	30.00
" " Voluta	2¼	3.50	30.00
" Sieboldii	2¼	3.50	30.00
" Tremula	2¼	3 50	30.00
" Victoria	2¼	3.50	30.00
" Wimsetti	2¼	3.50	30.00
Selaginella Caesia	3	6.00	.....
" " Arborea	3	10.00	.....
" Cuspidata	3	6.00	.....
" Denticulata	3	5.00	.....
" Flabellata	3	6.00	.....
" Kraussiana Aurea	3	5.00	.....
" " Variegata	3	5.00	.....
" Martensi	3	6.00	.....
" Vogelii	3	8.00	.....

Choice Mixed Ferns Our selection from 2¼-inch pots $3.00 per 100; $25.00 per 1000; $100.00 per 5000.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. July 27, 1897; May 17, 1898.

Write for prices and circulars.

IGOE BROS.

226 N. 9th St., Brooklyn, N. Y.

Mention The Review when you write.

CYCLAMEN GIGANTEUM or PERSICUM. Extra fine plants; ready for shifting for Christmas blooming, 3-in., $5.00 per 100. **Cinerarias,** 2-in., $2.00 per 100. **Smilax,** 2-in., $1 00 per 100. **Asparagus Sprengeri,** 2¼-in., $1.50 per 100. **Primroses,** Chinese Fringed and Obconica, 2¼-inch. $2.00 per 100.

Cyclamen Persicum Seed, mixed, $4.00 per 1000 seeds. **Asparagus Sprengeri,** $1.75 per 1000 seeds. **Pansy,** Prize Strain Bugnots, Cassiers and Odiers or Giant Trimardeau, $2.00 per oz. All fresh seed.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

CHRYSANTHEMUMS.

We have a quantity of thrifty young plants, in 2¼-inch pots, which will make nice medium sized flowers if planted now. Our collection includes the following:

Mrs. J. Jones,	**Glory of Pacific,**
Pres. Smith,	**Marian Henderson,**
Geo. S. Kalb,	**Mrs. S. T. Murdock.**
Col. D. Appleton,	**Modesto,**
Nagoya,	**Mrs E. D. Smith,**
Xeno, Superba,	**Nellie Pockett**

and many other Standard varieties.

Your selection, **$2.50** per 100.
Give a list of substitutes when ordering.

Nathan Smith & Son, ADRIAN, Mich.

Mention The Review when you write.

LILIUM HARRISII.

Our stock has arrived in excellent condition, firm, plump Bulbs.

5x7-inch	per 100,	$ 5.00	per 1000, $ 48.00
7x9-inch	"	11.00	" 105.00

For other **Bulbs** see our **price list** just sent out. We can fill your order satisfactorily.

WALTER MOTT SEED & BULB CO.

JAMESTOWN, N, Y.

Mention The Review when you write.

Asparagus Plumosus,

Extra fine 2-in. stock, $3.50 per 100; $30.00 per 1000.

Asparagus Tenuissimus,

From 3-in. pots, $5.00 per 100.

Boston Ferns,

25 8-in. To close out at $1.00 each.

Cash with order.

The Livingston Seed Co.

COLUMBUS, OHIO.

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SEND ADVS. NOW for our

CONVENTION NUMBER.....

To be issued

AUGUST 21st.

B. & A. SPECIALTIES Dutch, French, Chinese and Japanese BULBS

English Manetti, $12.00 per 1000 } Special prices on
French " 10.00 " } large quantities.

BOBBINK & ATKINS, Ask for our SPECIAL WHOLESALE BULB LIST—NOW READY. RUTHERFORD, N. J.

Mention The Review when you write.

KALAMAZOO, MICH.

During the past month trade has been quiet. With the exception of funeral work there was little doing.

Roses are looking well and are in good condition to give a fair cut by the end of the month. Beauties are looking particularly strong. Carnations are coming in from the field in fine shape, there being no sign of rust or stem rot. Most of the growers were fortunate in having selected high ground for field culture. Benching is being pushed along vigorously and will be completed much earlier this year than formerly. The quantity planted will slightly exceed that of last season. The most of last year's introductions will get a trial.

The Dunkley Floral Company is having the inside of the houses repainted, which gives them quite a sprightly appearance.

G. Van Boehove & Bro. are busy constructing two new houses, one for a forcing house and the other for violets.

Miss Dora Brown, designer at Van Boehove's, has returned from a two weeks' vacation, which she spent at the home of her parents in Goshen, Ind.

John R. Van Boehove has been entertaining a party of friends at his cottage on Long Lake. They had a very enjoyable time, cruising about in his electro-vapor launch in quest of those big bass for which this lake is famed. They returned with well-browned faces, a fair catch and a brand new outfit of fish stories.

Visitor: S. S. Skidelsky.

RIBES.

JOLIET, ILL.

Michael Winandy has the Chicago Carnation Co.'s new plant nearly finished and is now putting up a greenhouse plant at Niles Center.

Jos. Labo has had his rose stock planted for some time and will soon be planting in his carnations; his carnations being on high well-drained land, have done remarkably well this season.

The Chicago Carnation Co. are now housing their carnations and are looking forward to what they believe will be the best season in years.

Among recent visitors were: Archie Spencer, Leonard Kill and wife, Mr. Zender and wife, all of Chicago; Mr. S. S. Skidelsky, Philadelphia; Wm. Blackman, Evansville, Ind.; Davis Bros., Morrison, Ill.; Jos. Bancroft, Cedar Rapids, Ia.; Mr. Holland, Pontiac, Ill.

P.

DUQUOIN, ILL.—The Illinois Central Railroad is arranging to plant eighty acres of land near here with catalpa trees. Recently tracts containing two million trees were planted in Louisiana. The officials are planning to eventually line the road from Chicago to New Orleans with these trees.

OUR Convention Number will be issued Aug. 21st and will contain a report of the Asheville convention.

THE GEO. WITTBOLD CO., CHICAGO, Growers and Importers of Palms, Ferns and Tropical Plants

WHOLESALE PRICE LIST.

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8.00
" "	3½	12 to 15			2.00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	5 to 7	.30	3.60	.....
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3.00	20.00
" "	4	14 to 16	4 to 5	.50	4.00	30.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10.00	.....
" " strong	8	26 to 30	7 to 10	1.50	18.00	.....
Asparagus Sprengeri	2				.20	3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
" "	5				2.00	15.00
" Plu. Nanus	2				.50	4.00
" "	3				1.00	8.00
Araucaria Excelsa	4			.50	6.00	.....
Pandanus Veitchii	5			1.00	12.00	.....
" "	6			1.50	18.00	.....
" "	7			2.50	30.00	.....
" "	8			3.50	42.00	.....
" Utilis	4			.25	3.00	.....
Nephrolepsis Bostoniensis	3				1.00	8.00
" "	5				3.00	25.00
" "	7				9.00	.....
" "	8				12.00	.....
" "	9				18.00	.....
" "	10				24.00	.....
Assorted Ferns, for fern dishes, 2-inch pots						3.00

Japanese Fern Balls, from $3.00 to $5.00 per dozen, price according to quality.

Mention The Review when you write.

Asparagus Plumosus

Strong plants from 2-inch pots, $4.00 per 100; $30.00 per 1000.

Carnations

30,000 strong healthy field-grown plants ready for planting now.

	Per 100	Per 1000
Lawson	$8.00	$70.00
Bradt	8.00	70.00
Marquis	6.00	50.00
White Cloud	6.00	50.00
Flora Hill	6.00	50.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00
Mrs. F. Joost	5.00	40.00
Piogree	6.00	
Gold Nuggett	6.00	

250 of one variety at 1000 rate.

ROSES Fine, strong 4-in. pot plants of Ivory, $15.00 per 100.

5,000 ENGLISH IVY Strong plants in 3-in. pots, $5.00 per 100; $45.00 per 1000.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L. I.

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ALL THE BEST CARNATIONS

Orders Booked Now for Fall Delivery.

SEND FOR PRICES.

Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

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Over 20,000 Healthy, Strong Field Grown CARNATIONS.

Gov. Wolcott	$16.00 per 100
Prosperity	10.00 "
Lawson	10.00 "
Morning Glory	6.00 "
Macco	6.00 "
Foster	5.00 "
Gomez	6.00 "
Queen Louise	10.00 "
Norway	8.00 "
Egypt	10.00 "
Flora Hill	6.00 "

DISCOUNT BY THE 1000. CASH PLEASE.

C. L. HOWE, Dover, N. H.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Smilax!

Strong plants, 2½-in. pots, ready for benching, $1.50 per 100; $12.50 per 1000.

JOHN BROD, Niles Center, Ill.

FIELD-GROWN

Carnation Plants!

FOR IMMEDIATE PLANTING.

FRANCES JOOST, ETHEL CROCKER,
FLORA HILL, G. H CRANE.

Send for samples and prices.

JOHN WOLF, - Savannah, Ga.

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BALL'S PALMS!

Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.

Samples will be exhibited at the **ASHEVILLE CONVENTION**, where I shall be pleased to receive orders or furnish any information desired. **Send orders early, I will ship them when wanted.**

Kentia Belmoreana 2½ in. pots at $12.00 3 in. at $15.00 and $20.00 per 100. 4-in. at 30c and 40c, 5 in. at 75c, 6 in. at $1.00 and $1.25 7 in. at $1.50, 8-in. at $2.00 each. Several strong plants in a pot bushy, 6-in. at $1.00, 8-in. at $2.00 and $2.50, 9-in. at $3.00, 10-in. at $4.00, $5.00, $6.00 and $7.50.

Kentia Forsteriana 2½-in. pots at $12.00, 3-in. at $15.00 and $20.00 per 100. 4-in. 30c and 40c, 6-in. at 75c. Several strong plants in a pot, bushy, 6-in. at $1.00, 8-in. at $2.00 and $3.00.

Areca Lutescens 2½-in. pots at $6.00, 3-in. at $10.00, 4-in. at $17.50 per 100. Several in a pot, very bushy, 6 in at 50c, 75c and $1.00, 8-in. at $2.00 and $3.00, 10-in. at $1.00 and $5.00, 12-in. at $7.50.

Latania Borbonica 2½-in. at $4.00, 3-in. at $8.00 per 100. 4-in. strong at 25c, 6-in. at 50c, 8-in. at $1.50.

Phoenix Canariensis 8-in. pots at $2.00 and $2.50, 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.

Araucaria Excelsa 8 to 10-in. high, 3 tiers, at 50c; 15 to 18 in. high, 4 tiers, at $1.00.

Araucaria Robusta Compacta 16 to 18-in. high, 3 to 4 tiers, at $2.00; 18 to 20-in. high, 4 tiers, $2.50.

Pandanus Veitchii 6-in. at $1.00. **Pandanus Utilis** 4-in. at 20c, 6-in. at 50c and 75c, 8-in. at $1.00.

Cocos Weddelliana, Ficus Elastica, Dracaena Sanderiana, Etc.

DESCRIPTIVE PRICE LIST ON APPLICATION.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Mention The Review when you write.

Geraniums!

The following strictly high grade varieties **true to name.** All from 2½-inch pots:

Jean Viaud (the pink novelty), $3.00 per 100. **Duchess of Orleans** (the variegated wonder), $3.00 per 100. S. A. Nutt, Beaute Poitevine, Francis Perkins, E. G. Hill Mme. Bruant, Mme. Jaulin, Athlete, L. P. Morton, Thos Meehan, Kellway, and others, $2.00 per 100; $18.00 per 1000.

Smilax!

We are headquarters for **SMILAX.** Strictly first-class stock from 2¼-inch pots $1.25 per 100; $10.00 per 1000. Any quantity. Cash with order.

The W. T. Buckley Plant Co.,

SPRINGFIELD, ILL.

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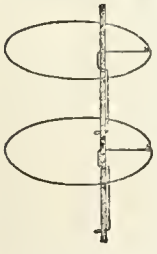
THADEN'S WIRE TENDRIL

TESTIMONIALS.



From A. Gude & Bro., Washington, D. C., April 11, 1902. "In reply to your inquiry of March 19 in reference to the Wire Tendril, we beg to say that we find them very satisfactory in every respect."

From Alex. B. Gardner, Washington, D. C., Oct. 29, 1901. "I have used your Wire Tendrils on my roses and carnations and find them much better than anything else I have ever used or seen."

Sample package of 100, by mail prepaid, 60 cents.

H. THADEN & CO.

472 W. Hunter St, ATLANTA, GA.

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The Annual Meeting

of the

FLORISTS' HAIL ASSOCIATION

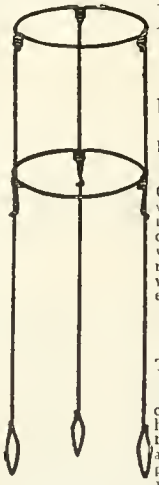
will be held at the

Auditorium, Asheville, N. C.

at 2 P. M., on August 21, 1902.

JOHN G. ESLER, Sec'y.

Always mention the Florists' Review when writing advertisers.



NOTICE.

The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen M'g Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. THORNE.

LA FAYETTE IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity strength and neat appearance of the support. Yours truly,

F. DORNER & SONS CO.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO.

208 Jersey Street,

HARRISON, - NEW JERSEY.

Mention The Review when you write.

Send Advs. Now

FOR OUR

CONVENTION .....Number,

TO BE ISSUED

August 21st.

JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and LATANIA BORBONICA

Price List for the asking.

Mention The Review when you write.

THEODOSIA B. SHEPHERD CO.

(Successor to MRS. THEODOSIA B. SHEPHERD.)

Offer Climbing Nasturtium

JUPITER

King of Nasturtiums

Mrs. Shepherd's **Great Novelty. A Glorious Flower,** distinct from all others; color, rich glowing yellow. Perfect round form, immense size. **Three and one-half inches in diameter Petals exquisitely crinkled.** Like lovely crepe. Plant is a robust climber, with splendid large foliage. Splendid bloomer. Long stemmed flowers, fine for cutting.

JUPITER will be offered in all the leading catalogues in this country and Europe as the greatest novelty for 1903. Send in your orders early for autumn delivery. Strong plants, **$2.00** per doz., prepaid; seeds **$3.00** per lb.; 5 lbs., **$2.75** per lb; 10 lbs. and over, **$2.50** per lb. Life-size photo with every order of 5 lbs. of seed.

Theodosia B. Shepherd Co.

Ventura-by-the-Sea, Cal.

Mention The Review when you write.

PANSIES. The Jennings Strain.

New Crop Seed Now Ready.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:

"The largest and finest colored flowers we have ever seen."

I grow only pansy seed and plants, and only the finest. Plants ready Sept. 1 at $1.00 per 1000. Finest Mixed, pkt., $1.00; ½-oz., $3.00; 1-oz., $5.00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

E. B. JENNINGS, Lock Box 254, Southport, Conn.

GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

THE REGAN ...PRINTING HOUSE...

Nursery..... .....Seed..... Florists'.... **Catalogues**

87-91 Plymouth Place, Chicago.

Mention The Review when you write.

SEATTLE, WASH.

We are passing through a dull summer and there is nothing alarming to report from the "City on the 'Sound." The general order of the times is building, repairing and planting the houses with young stock. There is great activity in this line, as the florists are trying to keep pace with other lines of trade. July 4th saw the end of a most prosperous season, and an early revival of business is looked for when the "Elks" hold their carnival, from the 18th to the 30th of August. The retailers are making very creditable window displays of carnations and plenty of good outdoor stock. Light colored roses are the only scarce article in the market. The climate here is delightfully cool and "quite English, you know." Herbaceous stock and summer blooming plants thrive luxuriantly and our gardens are a paradise.

The Alaskan Steamship Company, now running excursions to Alaska, is advertising that country as an ideal summer resort, and a few of the florists now make the trip annually for a month's rest.

The Seattle Floral Company has outgrown its present location and is building 10,000 feet of glass at the corner of Clay and Danny streets.

C. Hofmeister, of the Washington Floral Company, reports a big sale for tomatoes and cucumbers, which he grows under glass and finds more profitable than cut flowers during the summer months.

John Holze, with unlimited ambition, will soon move right into the center of the residence district, Thirteenth and East Union streets, where he is building 12,000 feet of glass.

M. R. Galloway has rented part of a large drugstore at 904 Second avenue, formerly occupied by Mrs. McCoy, which he is fixing up neatly to attract the better trade. H. J. M.

LONDON, ONT.

The London Horticultural Association will hold its Sweet Pea or Mid-summer Show on Aug. 6th and 7th. As the season has been favorable to the growth of outdoor flowers, it is expected that this show will eclipse any of its predecessors.

The weather continues wet, and great damage is being done to the crops. A tornado swept over this part of the country July 27, doing much damage to trees and overthrowing barns and sheds, but so far we have not heard of any glass being destroyed.

Convention matters are now the general topic, and from present appearances the fifth annual convention will be a record breaker.

We are pleased to hear that a determined effort is being made to revive the trade paper, and hope that the efforts of the executive committee may prove successful. LOND.

THE Park and Outdoor Art Association is holding its sixth annual convention in Boston this week.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of Ornamental Trees Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.
Send for our Wholesale Price List.
Mention The Review when you write.

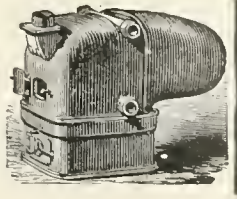
PALMS
FERNS, FICUS,
ASPARAGUS,
ADIANTUM FARLEYENSE.
I HAVE 22 LARGE HOUSES FULL OF FINE PALMS AND FERNS.
NOW IS THE TIME TO PLACE YOUR ORDER.
Send for Price List.
A. N. PIERSON, Cromwell, Conn.

Don't You Forget
SIEBERT'S ZINC NEVER RUST GLAZING POINTS
are positively the best. Last forever. Over 6000 lbs. now in use.
A sure preventive of glass slipping. Effective on large or small glass. Easy to drive, easy to extract.
Two sizes, 5/8 and 3/4. 40c a lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00, by express. For Sale by
Vaughan's Seed Store, Chicago & New York
Henry F. Michell.....Philadelphia
W. C. Beckert.....Allegheny, Pa.
Livingston Seed Co.....Columbus, Ohio
Schlegel & Fottler.....Boston, Mass.
Chas. T. Siebert, Station B, Pittsburg, Pa.

100% PROFIT
IN SELLING
Sulpho-Tobacco Soap
(PATENTED.)
KILLS ALL INSECT LIFE.
Fertilizes and Invigorates Flowers, Plants, Shrubs, Etc.
PRICES LOW.
We Help You Sell It.
Write for sample cake and full particulars.
Larkin Soap Co. Buffalo, N. Y.
Mention The Review when you write.

BEST AND Cheapest ALL-ROUND INSECTICIDE on the Market.
"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE
For Sale by Seedsmen.
For Free Pamphlet write to THE KENTUCKY TOBACCO PRODUCT CO., LOUISVILLE, Ky.
Mention The Review when you write.

SEND ADVS. NOW
FOR OUR
Convention Number,
To be issued August 21st.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NATIONAL CONVENTION

AUGUST 19-22, 1902

ASHEVILLE, NORTH CAROLINA

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Florists' special train will leave Chicago 8:30 P. M. Sunday, August 17 running via **"Big Four"** to Cincinnati, thence via the Queen & Crescent and Southern Railways. Monday forenoon will be spent in Cincinnati sight-seeing, etc., leaving there 2 P. M. on the Florists' special. Every florist should make a big effort to attend this convention, the first to be held in the beautiful Southland.

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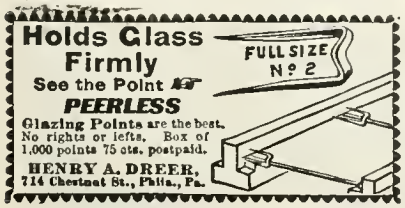

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Excursions to New York City, Atlantic City and Montreal, advertised by the Wabash for July 31, August 7 and 14, have been abandoned.

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

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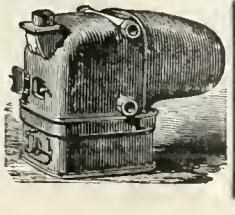

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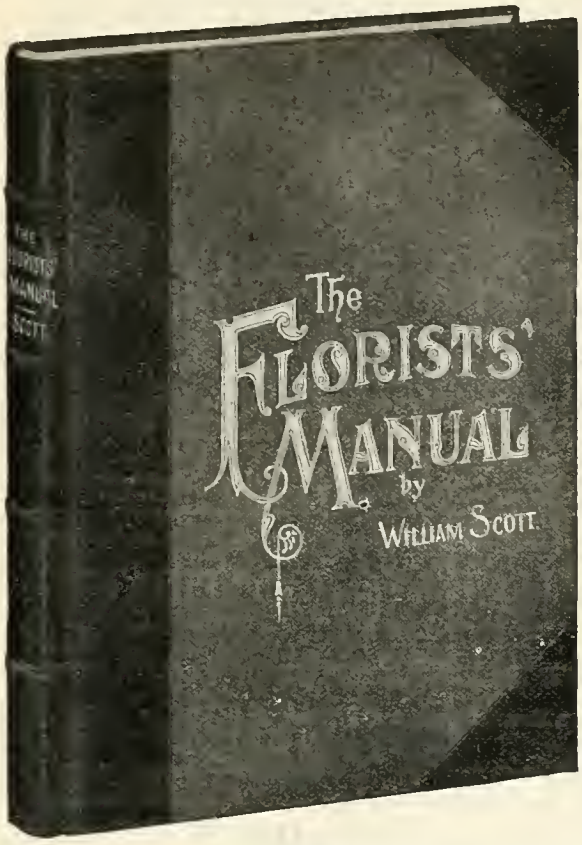

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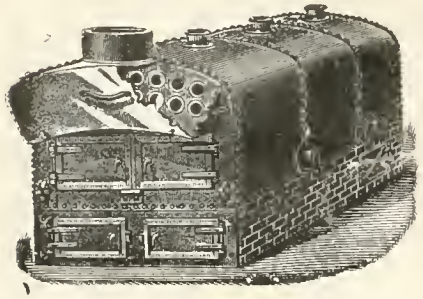

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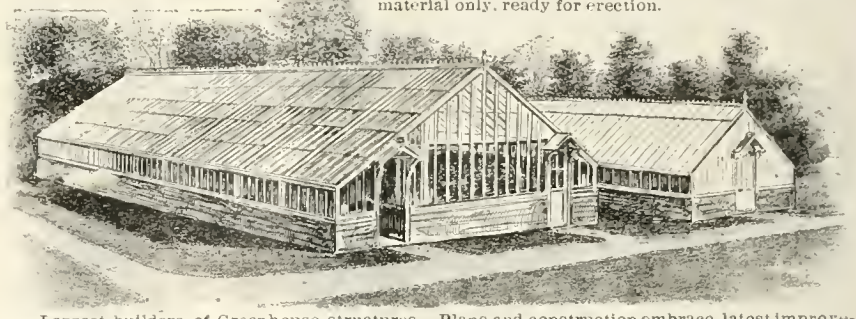

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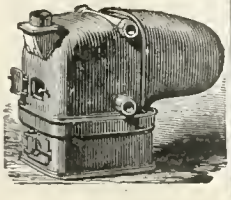

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THE WEEKLY
FLORISTS' REVIEW

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Vol. X. CHICAGO AND NEW YORK, AUGUST 14, 1902. No. 246.

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THE RETAIL FLORIST.....

Summer Decorations.

Summer decorations are comparatively speaking inexpensive and more of them might be done were the particulars better known. Possibly because there is an abundance of summer beauty on all sides people are not so eager to indulge in elaborate interior decorations, yet we know from experience that many more decorations would be done were the florist equal to each particular occasion. There is a time and place for everything and often people are scared away from the store by superfluous or over-elaborate suggestions where something very simple is not only wanted but is best on all sides. A store man may consider himself extremely smart if he succeeds in extracting the very last dollar from a customer's pocket, but it isn't always the best policy, because it is only human nature to regret excess, and there is the inevitable rebound. The steady trade, even if it be smaller, is far more profitable than the spasmodic, because it is more secure and its possibilities are greater. There is, to be sure, a certain class of customers in every large city who having easy means of procuring money are indifferent as to how it goes; they are willing to pay high for what they purchase, but even they don't want to be "done up," and it is always the best to secure and hold the confidence of all. A business man can never afford to be indifferent; he may have a motive in pretending so betimes, but he soon wakes up.

This is a critical time of the year. People expect and can obtain lots for their money, yet it is often workmanship and not material that counts in estimation. Often a mass of common stock can only create indifferent appreciation, whereas, the arrangement and finish may call forth the highest praise. Avoid the former for it detracts from the latter. Green and gold are the two most abundant colors on Nature's mantle at the present time, and unlike most other colors they are not so despised on account of abundancy. They are fashionable because there is in them a splendid harmony of richness, and you can make no mistake in suggesting their use on all festive occasions. But it must be remembered that different events and dispositions call for different degrees of elaborateness, and it is always well to study the circumstances surrounding each affair. Satisfaction is a most desirable word to hear from your patron and it is easily accomplished, especially during the next few weeks.

There will be many weddings from now till frost-time, and the same materials will be available all that time. Of course it can be done—nothing should be impossible—but no decorator should give an estimate on any job without first visiting the house or scene of the proposed work, because often his very suggestions whilst on the spot not only create impressions but decide his future connections, and then again most people even for the simplest affair prefer to have you call and see what is best required. Therefore, every florist who aspires to please, and that is the foundation of all successes, should make himself or herself thoroughly conversant with the technicalities of artistic house decorations. Flowers and foliage are mostly always beautiful to some eyes, no matter how they are arranged, but no flower is so beautiful that one cannot emphasize its beauty by proper arrangement, and though the vast majority of people may be pleased when they see plenty for their money, yet the artistically critical army is growing immensely, and modern architecture is mainly responsible for this. Owners of modern built houses and the architects, who very often have all the say about what can be put in, like to see the florist acquainted with their particular fads or fancies and these should, wherever it is possible, be accentuated. Every room in a house requires a different style of treatment.

The houses that are being built at the present time will not permit of very lavish floral decorations, that is, in the old-fashioned way, with garlands or masses of common green. To even suggest such things would offend and justify a severe rebuke, but such places do afford a splendid opportunity to display quality of plants and refinement of flowers and art. In a great many instances only graceful plants and choicest flowers can be used, and they should be so placed as to bring out the full beauty of the surroundings and no attempt should be made to over-elaborate or introduce made-up designs or even hang up greens of any kind.

There are many occasions, to be sure, where people wish to hide inferiorly furnished walls and hail with delight any suggestion that will make the occasion seem specially elaborate, and for this you cannot do better than use plenty of pin oak foliage.

One thing to remember is that people have a great dread of having their place ruined by the florist driving nails. Modern equipments and ideas render it unnecessary to use many, if any, nails in even extensive decorations, and the florist who is careless in this respect injures not only his own trade but decorative art in general.

In the course of a few weeks we hope to be able to show practical illustrations of both simple and elaborate decorative work. In the meantime, we can only dwell upon the principles of art and a few hastily jotted down thoughts. Yellow flowers can be used extensively in all summer or autumn decorations (except for funerals). In the majority of cases they can be made the most prominent flower, and this not because they are superabundant, but because they have a peculiar expressive effect. Even in the case of church weddings they can form the main wall decoration, leaving the center aisle and altars for white flowers if desirable, but even they can be decorated with yellow. There is a strong poetic sentiment surrounding such flowers as solidago (golden rod), and Rudbeckia speciosa (yellow daisy), and though yellow is the least of church colors, still there are occasions when we must not be always thinking of death and the hereafter, and severe lines must be covered. Purple, the principal church color, and the cross, its cherished emblem, need not be even seen at a wedding festival. Golden rod may be the very commonest material, but its commonness does not affect its value when properly arranged, and you can make no mistake in suggesting its use in most summer work, even if you confine it to one room.

We always try to introduce one yellow and green room in our decorations, and at the present time it is the hallway, library or dining-room. The main entrance or hallway can always be made most attractive with such materials as oak leaves and rudbeckias. There are many lovely varieties of these and heleniums which make superb pictures at little cost. The only thing is to mass them in great loose clusters and have each kind of flower separate. In the drawing-rooms, or where there is delicate or expensive furnishings, coarse foliage or flowers are entirely out of place, but here you can use tamarix or asparagus or such grasses as Eulalia gracillima.

If doorways or walls need to be covered you can use very deep-cut oak foliage. We recommend it because it keeps and looks the best of all outdoor foliage. Such as grape vine, ampelopsis, honeysuckle or any such vines can be used for pendent effects. Great care should be used to either avoid or appropriately decorate pictures. A background of green foliage will the more effectively show off any picture, but it is against the laws of good taste to decorate a frame in a formal manner. Pictures illustrate many topics in life, and it is often the case that you can add a vast amount of beauty and intelligence to your work by showing that you understand what is appropriate. A vase or cluster of suitable flowers gives you more expression than frames or garlands of such as smilax.

If the subject be of harvest time introduce a little wheat, barley or oats as a background to poppies, cornflowers or some such flower identified with the season. If the painting be of roses then select the color in roses that will either match or harmonize with those in the picture. If it is an illustration of victory or of plenty then you can introduce a garland of flowers or a small wreath of bays, or both, and so on. Whatever the subject be in picture or statuary try to show that you understand, and in all possible cases use either graceful palms or foliage as a background to statuary. The same rule applies to vases. If it be of China or Japanese ware endeavor to employ either the flowers or the styles especially associated with those countries. Even whole rooms which are furnished in the different styles of the several artistic countries should be decorated with a view of conforming to that particular style.

When you decorate a library it is not necessary to struggle hard to hide everything in the room. A few good books always look well alongside a vase of mixed flowers. You can use mixed flowers in a library where you may not in another room, because they are appropriate to the different beauties on the

shelves. Never entirely hide a bookcase. A few delicate vines, palms and vases of flowers are all that is necessary. In the matter of fine woodwork or pillars or any kind of furniture remember you are not employed to cover up; you are supposed to beautify, and therefore be careful your work is more artistic than that which you are covering. The hall stairway is generally a place where you can show your ability, but it is ridiculous to put all your ability and material there. House decorations should not be too abrupt. One room should lend its charm to the other and the whole conform to the requirements of the occasion.

You will soon have all the theaters opening for the season, and no entrance should be without its pretty decorating. Abundance of cheap materials can be had. Suggest some inexpensive design to the managers, for the public and future trade is benefitted by seeing flowers on such occasions. IVERA.

I like the pastoral scene in the background. It is part of western New York that is little cultivated, of which I think there is about 90 per cent. such land in the whole state. Near the big round bushy willow in the center of the landscape meanders a stream with the poetical name of "Murder Creek." No murder has occurred on its banks within a few weeks except the slaughter of frogs, of which there are bull, cow and the plain little everyday frog. When this little creek gets on the rampage it covers hundreds of acres with three feet of water, but it subsides and the water goes over

Reappearance of the Aster Family.

REAPPEARANCE OF THE ASTER FAMILY.

Some weeks ago I had the pleasure to show you a group of somebodies or nobodies planting asters. That picture was taken without any design of being published. This one was. I think really it was the 18th of May when the man with the rake and his associates were putting in the little plants. We began cutting July 5 or 6. The variety is Farquhar's "Queen of the Earlies."

Now, where the aster garden has been sufficiently high to throw off the abnormal rainfall of June and July it has been an ideal season. Unfortunately, next to this lot on the left is a larger quantity of Victoria and Truffaut's pæony flowered, and more than half of them are simply drowned.

There are few crops, if worth growing at all, that need more thorough cultivation and proper conditions than this common annual. The soil should be dug or ploughed at least a foot deep, a liberal quantity of manure added every year, and if the season is dry they must be irrigated. The deeper the ground is dug or trenched the less will the want of water be felt. Cultivation is far more important than the varieties or strains. The camera was turned in the opposite direction this time but it's the same lot of asters. You can tell that by the man who never looks up from his work, and who that morning picked 700 off the bed. In fact we have many more than we could use.

I like the pastoral scene in the background. It is part of western New York that is little cultivated, of which I think there is about 90 per cent. such land in the whole state. Near the big round bushy willow in the center of the landscape meanders a stream with the poetical name of "Murder Creek." No murder has occurred on its banks within a few weeks except the slaughter of frogs, of which there are bull, cow and the plain little everyday frog. When this little creek gets on the rampage it covers hundreds of acres with three feet of water, but it subsides and the water goes over Niagara's brink, and all is forgiven. W. S.

CARNATION NOTES.

Syringing.

After planting in your carnations you must keep them syringed well for several days to keep them from wilting. A badly wilted carnation might just about as well be pulled up and thrown away. Just how often it is required must depend entirely on the weather and the conditions of the plants. A soft, quickly grown plant that had lots of rain outside will need more syringing than one that had little rain and is therefore better matured, and the latter will also take hold of the soil quicker.

We usually syringe early in the morning, and then about every hour and a half during the day if the sun is quite warm, and at the same time wetting down the walks and under the benches, etc. We find that the closest watching is required, from the third to the fifth day if the plants are the least bit soft. The first day or two they will stand up pretty well with the strength contained within themselves, but about the third day they need a little more help from the outside, and as the roots are not in shape to supply it you must do it with the spray. Don't spray them heavy enough to get the soil in a soggy condition, as it will sour and bring on stem-rot. Just spray enough to wet the foliage and depend on keeping the atmosphere moist by keeping the walks wet.

After the plants have taken hold a good plan is to sprinkle a little air-slaked lime over the soil and stir it in before giving a good watering; this will put the soil in good condition again. We always put up a few plants of each variety to plant in place of those dying from stem-rot or some other cause. If you don't need them there is not much lost, and they will take hold much better from pots than right from the field. Five per cent of what you plant on the benches ought to be enough unless you have a bad dose of stem-rot. Do this at once so that by the time the others have taken a good hold of the soil those in pots will be rooted through and in good shape to plant on the bench and able to grow right along with the others on even terms.

Let the shade come off the glass gradually when the plants have taken hold. If the weather is bright and hot a little shade will do no harm for a week or two, but do not let it remain too long. A rainy spell will soon remove it. Sometimes we are obliged to remove it with a brush, but not often, if we use the proper kind of shading material.

A. F. J. Baur.

ROSES.

Seasonable Hints.

The season is now approaching when Beauties and Liberties will be liable to be attacked by black spot, and it behooves every grower to be on the lookout for this trouble and to stamp it out as soon as it makes its appearance. Houses which are situated on low, marshy or much sheltered ground, and where naturally the foliage is soft, are usually the first to suffer.

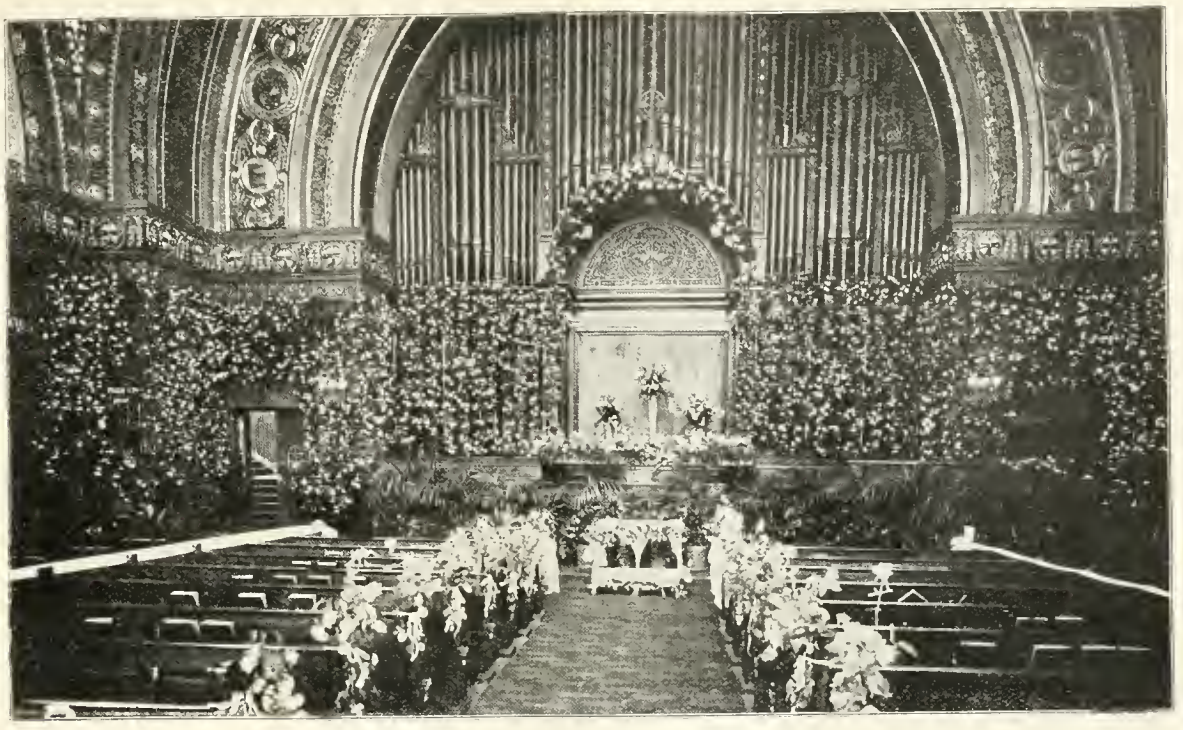
Care should be taken to keep the atmosphere as dry as is consistent with the health of the plant; avoid all sudden fluctuations of temperature, and be sure to have the foliage dry by sundown.

To prevent and hold this fungus in check a spraying of the carbonate of copper compound is recommended, using 3 ounces of carbonate of copper and 1 quart of ammonia to 50 gallons of water and apply once a week.

Cleanliness and care play an important part in the prevention and checking the spread of this trouble. Those leaves at the base of the stem which touch the soil should be picked off, as it is there the trouble usually begins. All ripe, spotted and decaying leaves should be carefully picked off every day and destroyed. If this treatment is persisted in for a few weeks and special care taken not to overwater the benches the trouble will disappear. Ribes.

WEDDING DECORATION.

The accompanying illustration is from a photograph of a church decoration by Jos. Kift & Son, of Philadelphia, for a wedding on June 7th. With the exception of the lilies in the baptistry and on the central arch overhead the only flowers were roses, of which over six thousand medium to short stemmed were used. The varieties were Bride and Bridesmaid, Queen of Edgely, Kaiserin and Robert



Wedding Decoration by Jos. Kift & Son, Philadelphia.

Scott, the colors being limited to white and pink.

The effect was of a large arbor covered with climbing roses in full flower. Each color was kept separate, the plants being apparently growing from large green pots which contained laurel branches, and these being covered with roses, showed a fullness and irregularity that gave the whole decoration a more natural appearance. In the photograph, which was taken by flashlight, the difference in the colors is not apparent, but while each variety was kept to itself, they were trained, some straight, others diagonally, and all to look as natural as possible. The space covered was ten to twelve feet high by seventy-five feet long. The roses were arranged in Kift's vase rods, suspended by wire from stout tacks in the top of the cornice rail. The whole arrangement was in front of polished wood work and when taken down there was not a scratch to be seen.

The pew ends and kneeling stool were decorated with white roses, and palms were used in front of the platform and either side of front of church. The baptistry, as is seen, contained Easter lilies in trumpet or horn vases; the edge was covered with lilies in mossed boards, cut to fit, and on the arch lilies were placed in vases attached to the adjustable holders.

The wedding took place on Saturday and the Sunday following, being children's day, the decorations, with the exception of the pew ends and kneeling stool, were allowed to remain, and were in such good condition at the end of the evening service that the flowers were distributed to the members of the congregation. K.

CHRYSANTHEMUMS.

Feeding.

Feeding is beginning to occupy the thoughts of those who planted their stock early with the idea of getting as good results as possible. The old theory of not feeding at all until after the bud is set and swelling is all very well, but it does not always work out right in practice. Early planted stock is now beginning to show signs that a little more nourishment is needed. The foliage of the plants is running smaller, and the general growth is not as robust as it might be, showing that most of the nourishment present in the soil at planting time has been exhausted.

Now is the time to apply a mulch of rotten cow manure to your beds. This keeps a more uniform degree of moisture in the soil and protects the young roots that appear on the surface. We do not believe in too heavy a mulch, as it keeps the soil too wet, and we think it is conducive to a vigorous growth of suckers, which, of course, have to be removed. Just enough to cover the soil nicely is all you need to apply. Bone meal is sometimes scattered over the beds before putting on the mulch. If you use any let it be the bone flour, as the coarse meal is too slow in action and is not available by the plants to any great extent before the flowers are developing, and then it is not needed. Above all things avoid the use of fresh cow manure as a mulch. I have seen the foliage killed half way up the stem by putting rank manure on the benches. If you haven't any rotten manure throw on a little leaf soil, or even use no mulch at all rather than use crude manure.

Feeding with liquid fertilizers may be started now, giving your plants a dose once a week or so and gradually increasing in frequency. Nitrate of soda is useful used in the proportion of one pound of soda to fifty gallons of water, but if the growth of the plant is free and good it is not well to use soda more than once or twice, as it tends to produce a quick, soft growth, and the best flowers are produced where the growth is slower and firmer. Sulphate of ammonia is also largely used by the best growers. It is safe to use much oftener than the soda and should be applied in a slightly more diluted form, say 12 ounces in 50 gallons of water. These chemicals should be alternated with liquid cow or sheep manure, which should be diluted down considerably for the first applications.

Many flowers are lost every year by injudicious feeding, where the plants have been heavily dosed with something, or feeding has been too long continued. Half a dozen light applications of liquid manure are far more beneficial to plants than one heavy one. When a heavy dose of anything is given it will kill all the delicate feeding roots, and the plant has to produce more before it can take up the nourishment supplied; and in the meantime has been at a standstill. When using chemicals, or in fact any liquid fertilizer, be careful to see first that the soil is not too dry. Give clear water first, so that the young roots will not take up the feed too greedily.

The problem of feeding, when to feed, how much to apply and how often, are questions that are perplexing to the novice, and no one without seeing the plants personally can advise. Experience is the only teacher, and there are always so many things to be considered—season, locality, condition of the plants, etc. It is wonderful the amount of food a chrysanthemum plant will use when it is applied to good advantage, and the results are equally wonderful, but it is always far better for an inexperienced grower to use too little than too much unless he is prepared to lose many of his flowers by rotting, which frequently follows overfeeding. Too much nitrogenous manure will develop enormous leaves and stem at the expense of the flower, and it has been repeatedly proved by expert growers that changes from one kind of fertilizer to another continually will always give the best results.

These notes on feeding apply to the grower of exhibition flowers chiefly. The average florist gives his plants a dose or two of cow manure and gets flowers plenty good enough for his use, or he may make his soil rich enough at plant-

ing time to carry the plants right through, but the grower for exhibition must feed, and feed considerably, or get left in the race. I believe that the Chinese, who have been growing mums longer than we have, encourage their plants with liquid manure right from the first stages of growth. They evidently realize the oft-repeated assertion that the mum is a gross feeder.

A man who came round looking for a job once told me that a mum could be fed up to the point where it would digest "kerosene ile;" he'd be "blink blanked if it wouldn't." It may be so, but I never experimented to see, being reasonably content with my success obtained by keeping to more conservative and better known aids to culture.

Brian Boru.

MISCELLANEOUS SEASONABLE HINTS.

Rambler Rose Cuttings.

A subscriber asks: "Would cuttings from Crimson Rambler rose root if taken from the plants at this season of the year? Kindly state in the next issue of The Review what time of the year is best for rooting them and oblige."

By going to the trouble of putting up a mild hot bed and with a few inches of sand, also the greatest care in shading and moisture, they could be rooted now. From middle of October to middle of November is a far better time. Then the ordinary propagating house will do very well. Again in February and March from blind shoots of the plants you are forcing for Easter you can propagate to a certainty. In selecting the cuttings either in the fall or spring don't choose the strong, stout growths; the medium-sized firm growths root much better. This is a rule that applies to all rose cuttings, more particularly to the hybrid perpetual and the hardy climbing types.

Asparagus Sprengeri.

Some weeks ago, in describing a range of rose houses that were all connected, but no partitions, and the gutters supported with cedar posts, walks on each side of posts, I mentioned that I saw Asparagus Sprengeri growing in deep, narrow boxes between the posts. The boxes were 24 inches long, 16 inches deep and perhaps 8 inches wide. In fact, they were made to hold 100 lights of 16x24 glass, but the glass was on the roof and the asparagus had been growing in these deep, narrow boxes all winter most luxuriantly, and must have added greatly to the revenue of the houses.

Now is a good time to start, and any amount of it is advertised. I don't recommend a costly range of houses being built on this plan just to accommodate these boxes, but what could be put in this space so profitably, and some of you may have such a spot or two on your place. We all know that the asparagus family are prodigious feeders, and this useful one soon gets small and stunted in its growth if there is not a large supply of food, and what impressed me with its growth when I saw these boxes last November and again in June this year was their wonderful growth and color. It was the depth of soil, and the plants had not become exhausted. Depend upon it, that happy thought of utilizing those otherwise useless boxes was inspiration. The conditions were just what this hungry plant needs.

Pansies.

Those who grow pansies and winter them in a cold frame so as to have early flowering plants in April for vase-filling should sow by the middle of this month. In the choice and fancy of people for the many faced and marked pansies there is no accounting, and if only a few thousand are wanted some good mixed strain is sufficient, but of late in pansies as in other flowers the customers want a bed or vase filled with one color, and you should be sure that you have a good supply of the yellow, white, purple and very dark or black variety. A bed of these four colors in distinct lines or masses is about as chaste and tasty a bed of flowers as can be found. After a bed of coleus or geraniums it is like a Rubens compared to a circus poster.

Cinerarias.

Sow cineraria this month or early in the next for your Easter and spring plants. We do not think that this showy plant is worth growing. It takes up too much room, needs a vast amount of fumigating and is cheap in the end, but there may be communities where it is of value. Cineraria has a seed that you can see without the aid of a microscope, and is easy to manage in a young state.

Calceolarias.

Calceolaria (the herbaceous) is a much more showy plant, and if well done is about as gaudy, high-colored a plant as we grow. The seed is very minute and will not need any covering. Just well water the soil in the pot or pan and when dry enough so that it is not sticky sow the seed on the surface and press in with the clean bottom of a new pot. I don't know any better plan with all these small seeds than to put a light of glass over the pot or flat and cover with a cloth. This keeps the soil moist without the need of daily watering, but you must watch out and remove both as soon as the seedlings are up or they will generally "draw up," and that's a poor way to start.

Callas.

I was asked a question a few days ago about callas. A friend and neighbor has just planted a bench 150x5. Evidently he thinks they are going to be in demand, and I am not sure but that he has guessed right. He is not the man who asked the question; he knows all about it. Calla roots that are just bought should be started at once, out of doors if you are crowded indoors; it makes little difference. Although you get a good crop of flowers from them in the spring when planted in a bench in six inches of good soil, you will not get so many flowers during the dark days from the bench as from those grown in pots, and I prefer them the year around in pots.

Those you flowered last winter and have rested out of doors this summer should soon be shaken out and started. You will find a great many off-shoots, little bulblets we call them, from the size of a marrowfat pea to a freesia bulb. If they are potted this fall into 2-inch and given one shift during winter and in May put into a 5-inch and plunged out of doors and kept liberally watered all summer they will make fine flowering roots the following winter. Perhaps it is as cheap to buy the Pacific slope roots. I have never tried the latter.

Cyclamen.

Will you please look after the cyclamen just now. The sun is getting less and less powerful every day and a permanent shading will not do, so have, buy, get, invent or make some means of shading during the bright hours of the day and remove it after 3 p. m. and on dull days altogether.

William Scott.

BUFFALO.

Business.

Extreme dullness in business is reported all along the line, and we suppose we are no exception. Gladioli, asters, sweet peas and carnations of very fair quality are piling up, or would pile up if there were not the daily dumping.

The Club's Picnic.

It has started in again to rain at some time every twenty-four hours. Yet between the hours of 1 and 10 p. m. last Wednesday it did not rain, and the Florist Club's annual picnic went off in the most approved style. Niagara was calm and no seasickness was reported. It was by far the largest crowd that ever attended a similar occasion. There were sisters and cousins and aunts—altogether 125 sat down to the feast, which concluded the day's sport. There were half a dozen faces not seen there that should have been, but to make amends for that were several present whom we did not look for. C. F. Christensen and family and all the staff were welcome attendants. The most notable absentee was Daniel B. Long. Now, what was the matter, Dan? Don't pretend you were too busy. Still, if you were going to introduce business it's as well you stopped home.

After the inevitable operation of photographing was over we all adjourned to the pasture lot, on which a diamond is laid out, and with little delay the ball game was begun. It was all Buffalo florists vs. Scott's Sons and employes. There was a small "ringer" on the Scott team and two big "ringers" on the other side. The battery was Stevens and R. Scott, and for All-Buffalo Scrap Iron Heavyweight and Weiss. I would like to be able to give the correct name of the All-Buffalo pitcher, but I don't know it. His claim to being a florist was based on his having carted some little around town for Mr. Anderson at one or more Easter times. He was, however, a good-tempered, jolly fellow.

The game was for blood and gore and something else, and the something else caused a good many remarks between S. A. Anderson and W. B. Scott. At the

last half of the last inning the score stood 9 to 7 in favor of All-Buffalo and the Scotts to bat. In a few minutes D. I. Scott came in with a run; then two men went out; two more got on the bases, second and third; C. Reish came to bat but fanned the country atmosphere twice and had three bad balls tossed to him. It was a momentous moment; women stopped their gossip; hearts throbbed loudly; W. Mott walked toward the beer keg overcome with emotion, but before he found that the barrel was empty, whack! went the ball into the left field; two men came in and the game was won and lost.

L. H. Neubeck officiated in the thankless position of umpire, and an able one he made. I just want to say that although a loser, Mr. Anderson had a hard task to get a team together, but he did his best, and he took defeat in a good-natured, gentlemanly way that pleased the writer very much. They were all such swell players that I shall not attempt to mention any of them in particular, only to say that if the manager of the New York National League Club had been present I know he would have engaged Shortstop Bert Troup, Catcher Stephen Jones for a kicker and coacher and Carl Reisch for his marvelous base-running.

Then for the programme of sports. President Braik was fortunate to have at his call three eminent judges of seeds, bulbs, florists' supplies, fertilizers, etc., and they proved equally good judges of athletic games. Walter Mott came from Jamestown ready to enjoy himself and never whispered business. Mr. C. B. Knickman, of Rutherford, N. J., shut off palms, lilies and bay trees for the day, and Mr. William Trillow, representing the Chicago house of J. C. Vaughan, did his best to suppress business. It would show signs occasionally of breaking out, and several times you could see his eyes look up, and he would get as far as "How are you off for——" when he was immediately conducted over to the refreshment counter and was then profuse with apologies. He said we must excuse him; it was so strange to him.

I have already occupied too much space, Mr. Editor, but I must tell you that there was a 100-yard race, running hop, skip and jump, bicycle race, three-legged race, ladies' race (maiden fillies to carry ten pounds extra), old men's race (the idea of their calling a man old at fifty-eight), boys' race, girls' race and one-legged race. There were thirty-two useful and substantial prizes.

The fields were large in almost every contest. The features of note were the sprinting of Mr. Reichert and George McClure, the broad jump of D. J. Scott and the great hop, skip and jump, 36 feet 6 inches, of Billy Greever. The elderly ladies present said that for a man so recently married this was an extraordinary performance. I must mention the splendid running of Mrs. Bailey. As the writer was starter, we watched her from the time she left her trainer's care till she got the word. I could not see a blemish in her. For her age she is most docile, quiet and patient at the post, while other performers gave the starter much trouble, but when she settles into her gait she has her field hitched up to the fence. There is no better place to judge of action, style or form in this class of race than from the position of starter, as he views the flying field some thirty yards ahead of him, and he is always glad if the race is run in heats.

We were greatly in hopes that after the supper we should be treated to a little talk from President Braik, and the distribution of prizes was to have been made by another spouter; but it was not to be. Walter Mott had been told that he was expected to say a little about something, and as soon as he got his ice cream down he made for the door. Others followed and soon it was a stampede.

All praise to our worthy president, Captain Braik, and to the committee, C. H. Keitsch, William Legg and the other member, who so well arranged all details. And the committee on sports likewise did well, and they were Emil Bruker, William Greever and W. B. Scott. One who was not officially on the committee, but seemed to do a lot of work, was J. Rowland Clendsley, Esq.

In conclusion, gentlemen of the Buffalo Florists' Club, it is perhaps not for the old man, who can not much longer be a participant in your sports, to dictate the manner of your amusements for the annual picnic, but I must beg leave to say, cut out the baseball game. It has been too much in earnest, occupies too much time, is not of general interest, and, far more important than any of the foregoing, it engenders a spirit of rivalry, and worse. It's grand in its place, but not at a florists' picnic. Let's have more music, dancing, rolling in the grass, buying your wife and wife's sister another bottle of sarsaparilla, a more general mix-up, and we should have no cause to regret it. W. S.

J. W. Dunford, President of the St. Louis Carnation Co., and only Nominee for Next President of the St. Louis Florists' Club.

F. B. Call, Secretary and Treasurer of the St. Louis Carnation Co.

The next issue of The Review will contain a report of the Asheville convention of the S. A. F. Send advs. at once for this number.

Referring to their adv. the Poehlmann Bros. Co. write: "The Florists' Review is doing the work all right."

CHICAGO.

The Market.

Roses are still short in supply, though quality and quantity are improving, as more buds are being cut from the young stock. The stems of these are weak and short, of course, but many of the flowers are very fair. The general range is from $2 to $5, with some selects reaching $6. Rates have stiffened some on Beauties. Beauty prices change but little; that is, on those with fair to good stems, the variations in supply and demand being generally met by a stronger or less rigid adherence to the regular grades in classifying. Carnations range from $1 to $1.50, with selects reaching $2, and "weeds" are offered at 40 to 50 cents.

Asters are being received in immense quantities. The best sell at $1 to $1.50, with a few extra good reaching $2, but many poor and short-stemmed flowers can be had at 20 to 75 cents a hundred. The great abundance of good white asters has somewhat diminished last week's heavy call for white carnations. Not so many gladioli are coming in now, and good blooms are very well cleaned up at $1.50 to $2 per 100 spikes. Auratum lilies are still coming in freely and move slowly.

The funeral of Senator McMillan has brought many calls for fine flowers from Detroit this week, and more choice stock could have been placed.

The start of the Married Ladies' Race at the Picnic of the Chicago Florists' Club, Tuesday afternoon, this week.

The Picnic.

The annual picnic of the Florists' Club last Tuesday was one of the best attended affairs of the sort in the history of the organization. The day was an ideal one and the florists turned out in force. The various races and other contests were entered into with vim and dash and all present enjoyed themselves hugely.

In the 50-yard dash for misses Miss C. Ludlow was first and Miss L. C. Polis was second.

In the 50-yard dash for boys L. Bradie was first and F. Mador was second.

The race for little girls from 3 to 7 years was a most interesting event. The little ones ran bravely. Miss Hill was first and Miss Bradie was second.

In the 50-yard dash for girls Miss Benthey was first and Rose Garland was second.

In the misses' race of 100 yards Miss Scholze was first and Miss Stromback was second.

In the 100-yard dash for men J. Walker won first by a foot and John Zeck second by a leg.

In the married ladies' race Mrs. Fred Wittbold easily captured the prize of a sofa pillow.

In the fat men's race J. Enders won such a large first prize that George Asmus was contented to accept second.

In the hurdle race (the hurdles consisting of two long benches from the picnic grounds' tables) C. B. Smeeton captured first and Gus Balluff second. It was a hot run and a warm finish. No bones broken.

There was a hot game of baseball between two teams captained by E. F. Winterson and Ed. Benthey. Mr. Winterson's team won by a score of 13 to 8.

There were so many to roll in the bowling contest that each one was allowed only five balls, total pins to count. In the men's contest three were tied for first prize, a fine bowling ball, each making the full fifty pins. These were P. J. Hauswirth, Leonard Kill and Fred Worden. On rolling off the tie, Mr. Hauswirth won out, making forty-seven pins, while Mr. Worden got forty-five and Mr. Kill, forty.

The second prize was a quart bottle of champagne, and no less than five tied for second place, each making forty-nine pins. Mr. P. J. Hauswirth was again victorious, repeating his former score of forty-nine, while the next highest was forty-two.

In the ladies' contest, the first prize was also a bowling ball, and it was won by Mrs. Melms, with a score of forty-seven. For second prize, a carving set, there was a tie between Miss Wyant and Mrs. Peter Reinberg, each making forty-four pins. In rolling off the tie, Miss Wyant won, making forty-seven pins, Mrs. Reinberg getting thirty-seven.

In the evening a handsome large basket of his finest confectionery, contributed by Mr. C. F. Gunther, was won by John Poehlmann and his niece in a prize waltz.

There was good music, and the dancing pavilion was well patronized.

Mr. and Mrs. W. E. Kennedy and C. C. Pollworth came all the way from Milwaukee and James Hartshorne came up from Joliet to take in the outing.

The absence of the veteran Edgar Sanders was regretted by all.

The committee, consisting of E. Enders, Walter Kreitling and E. F. Winterson, is entitled to much credit for the success of the affair.

Various Items.

Don't forget that the delegation to the Asheville convention will start by Big Four route next Sunday evening at 8:30; fare $20.00 for the round trip. Special cars from here to Cincinnati and special train from that city on. The Cincinnati florists have arranged to entertain the party while in their city Monday morning. If you have not already ordered a berth reserved for you in the special cars better attend to it at once. Probably it would be better at this date to address direct to J. C. Tucker, Agent of the Big Four Route, 234 S. Clark street, though E. F. Winterson, 45 Wabash avenue, will attend to it for you if you wish.

E. H. Hunt has received a stock of seed of an especially fine strain of cyclamen.

Edgar Sanders is reported to be improving, though still kept quiet and not permitted to see visitors.

Challenge Ventilator Evans was a visitor this week.

G. H. Pieser, secretary of the Kennicott Bros. Co., started last Tuesday for a two weeks' outing in Wisconsin.

Mr. C. Winterich, Defiance, O., was a welcome caller this week.

PHILADELPHIA.

The Market.

The middle of August finds the cut flower market quiet, but with a steady undercurrent of substantial business. Kaiserins at from $2 to $6 per 100 are used freely. Geo. M. Moss is getting a few nice La France that bring $4 to $6. Beauties are scarce; out-of-town growers are not favoring us and our own growers have not nearly enough to supply the demand yet; $1 to $1.50 and $2 a dozen is the price. Asters are between seasons, so to speak, Semple's not being in force yet. Very few fine ones are to be had; $1 per 100 buys the best. Saturday the fakirs had loads of poor stuff at 2 cents a bunch. A few choice carnations bring $1.50 per 100; $1 a 100 is a good price for outdoor flowers. Valley is not in special demand; some very fair flowers can be had. Lee Niessen is receiving some Lilium auratum alba and rubra that are in demand; the shorts bring $4 a 100, the long-stemmed, $6. Asparagus is plentiful. A little more smilax could be used. A good many showy flowers are to be shipped to Atlantic City for the decorated roller chair parade. Japanese hydrangeas are plentiful.

For Asheville.

A fine delegation of our leading men in all branches of this great and growing business will leave Broad street station at 12:29 midday on Monday, Aug. 18. Better join them. Get a ten-day excursion ticket to Washington, price $6. John Westcott will tell you on the train how to spend the rest of your $50 to

Watching a Race at the Picnic of the Chicago Florists' Club, Tuesday Afternoon, this week.

the best possible advantage. You will have a glorious time and meet some real good fellows, to say nothing of what you will learn.

Marketing Cut Flowers.

The second meeting to prepare plans for a cut flower market was held on Thursday evening of last week, Joseph Heacock in the chair. The committee appointed for the purpose outlined a plan, which, after some changes, was adopted, and a prospectus has been issued this week to the growers outlining the plan and asking them to come to a meeting on August 14 and state whether they will support the plan. Briefly stated, it is proposed to form a stock company, chartered under the laws of this state, with officers, a board of directors and a capital of $10,000, the company to issue 500 shares of stock at a par value of $20 a share, $5 a share to be paid October 1st and the balance when the board of directors should require, probably not until a year's success justified permanent improvements. Four hundred of these shares are to be offered for subscription now, and the remaining 100 shares will be reserved for growers who join later, each grower wishing to sell his flowers in the market to hold at least one share of stock.

It is proposed to secure a suitable place north of Market street, near the two terminals, and provide stalls to be rented to the members at $50 a year, payable quarterly in advance. It was thought best to have a manager to take charge of the company's business and to sell any surplus flowers that might be left in his care by the growers. The plan received the support of most of those present, in fact, the growers were a little startled by the warmth of a small but enthusiastic body of commission men. This was explained, however, by the street rumor that the two leading spirits among the wholesalers had agreed to try the experiment of taking their wagons out of service if the market succeeded. A message was received from John Burton to the effect that he would support the market with his flowers and financially. It is believed that half the stock is already taken.

A Dream.

(Dedicated to Leo Niessen.)

I see a stately pile
On quiet Filbert street,
Of medieval style,
In each detail complete.

Great doors stand open wide,
Crowds are hurrying in,
The flower mart inside
Just ready to begin.

The hall is very full
('Tis seven by the clock)
Of those who Bear and Bull,
And every kind of stock.

There is Crawford, Wolf, Stahl,
Liddon, Pennock, Charles Fox,
Habermehl, young Frank Gaul,
Craig, Heacock, Burton, Cox.

Look, who is this we see,
Coming down 'twixt the stalls?
The brilliant H. H. B.!
Listen to what he calls.

"One thousand Maids at four"
See how the growers stare!
"Taken for half" shouts Knorr.
Agreed to then and there.

"At five, here are the rest,"
Palmer's deep voice rings clear.
From Sammy Weiss, "The best
At six are none to dear."

Nine huge rooms round the hall
In semi-circle run,
Commission men have all
Their daily work begun.

Bernheimer, Baker, Moore,
Moss, Ehret, Dumont, Reid,
The "great" Sam, just next door
To Niessen, strange indeed!

Come, now, up stairs we go;
There's something very nice,
Bayersdorfer & Co.
Alongside Moses Rice.

Each has a vast area
Of space piled ceiling high,
Of everything so dear
To dealers in supply.

If you would like to make
These airy fancies true,
A market stall you'll take,
And stock, a share or two.

Notes.

Of course you are going to Asheville.

Wm. C. Smith has returned to the florist business, having resumed his former greenhouses at 60th and Market streets. He is said to have a nice lot of Beauties and other young stock, and is very busy getting his houses in shape.

Henry Michell enjoyed his trip greatly. He says Dutch bulbs, especially hyacinths, will be unusually fine; French bulbs rather scarce; seed crops good, but late owing to the wet season.

S. S. Pennock spent part of this week at Mt. Pocono, Pa.

The Thackena Refrigerator Co. has just completed an ice box 17x17 feet for Eugene Bernheimer.

Joseph Heacock has put Beauties in two of his tea rose houses and palms in the other four.

Base Ball.

The second game of base ball between the employes of R. Craig & Sons and the "Hustlers" (a nine picked from employes of retail and wholesale florists about town) took place on Saturday, August 9, at 49th and Chestnut streets. The game was attended by a number of retail and wholesale florists and growers, who did their share of shouting for one side or the other. There was lots of excitement from start to finish, the score being 16 to 16 at the end of the seventh inning, and ended before the next inning was completed owing to some of Craig's players refusing to abide by a decision of the umpire. Some of them were thirsty and others hungry. There was an abundance of sandwiches and other things after the game and everybody seemed to be having a good time. In the game which took place a few weeks ago, the "Hustlers" won out, and another game is looked for in the future to decide the championship. PHIL.

BOSTON.

The Market.

The past two weeks have seemed to me to be as quiet as anything in the past seven years' history of the business. There really has not been a very large amount of first class material coming in, although it has looked as if there were enough to fill all first class orders in spite of unfavorable weather conditions.

The sweet pea and aster men probably get more than their share of what little movement there is, but I do not think they are to be envied for the wealth thus obtained. The old saying of "Too much pork for a shilling," revised by

Uncle Solon Chase in old "greenback" times, into "Too much steer to a dollar," would now fit this business as "Too many blossoms for a cent!" The good ones bring a little something, while many of the poor ones bring nothing. This holds true concerning roses and carnations. In regard to the former, the few growers who have Kaiserins and Carnots cover about all the ground, and it is now "nip and tuck" between growers of outdoor and indoor carnations, with odds getting in favor of the outdoor man.

Lilies are getting quite scarce, and so are calls for them. Outdoor gladioli have arrived to take their place, and sunflowers and rudbeckia make up the yellow, missing among the asters. The fact is, all we need is good cash customers. J. S. Manter.

NEW YORK.

Club Meeting.

A very interesting meeting of the Florists' Club was held in Civic Hall on Monday night. The attendance was not large, but was thoroughly representative. Walter Sheridan presided, and the house committee, particularly Messrs. Bunyard and Langjahr, as usual, proved their efficiency.

Convention matters were, of course, the principal business for consideration, and Mr. Wallace, reporting for the transportation committee, stated that so far about fifty would go from New York, and that even more than that may make up their minds at the last moment. Special car accommodations would be provided for the New York party and everything be done to insure a pleasant trip. The train will leave the Pennsylvania R. R. depot, Jersey City, at 10:10 a. m., Monday, Aug. 18; be joined at Philadelphia by the Pennsylvania delegation; arrive at Washington, 3:40 p. m.; leave there at 5:30 p. m., and arrive at Asheville 7:30 a. m. Tuesday. The round trip from New York will cost $23.60, exclusive of a sleeping berth ($3.00) from Washington. Stopover privileges at Washington will be accorded on the return trip. The committee were empowered to, as Mr. O'Mara suggested, take something along for the governors of North and South Carolina. From present indications there will be a most creditable convention at Asheville. Every assurance is given for a very delightful time, which all are in need of and should enjoy. New Yorkers look forward with keen anticipation to the pleasure of meeting the hospitable Southerners.

Mr. Bunyard, of the outing committee, reported progress, and both he and Mr. O'Mara, reporting for the Fall Exhibition committee, stated that the Newport, R. I., the Milbrook, N. Y., and the Lenox, Mass., Horticultural Societies intended to take an active part in making the Madison Square Garden show a great success. The National Sculpture Society will also hold their annual exhibition in conjunction with the flower show. This, comprising, as it does, the best sculptural ability in the United States, will ensure the best show seen in this country. Messrs. W. Falconer, I. L. Powell, Wm. Scott, E. Lonsdale and W. Nicholson have signified their willingness to act as judges.

The secretary was instructed to write Mr. John Burton of Philadelphia, expressing the sympathy of the club in the loss of his son. All New York is deeply grieved over Mr. Burton's loss.

Several very important amendments were made to the by-laws. It was decided to have membership consist of active, associate and honorary, initiation fee to be $3.00; active members to pay $6.00, associate members, $2.00 annual dues. Ladies are eligible to honorary membership.

It was gladiolus night at the club. Arthur Cowee, Berlin, N. Y., sent a very handsome lot of blooms of his remarkably beautiful strain, but they were unfortunately cut too tight. The committee of awards expressed a wish to see them more fully developed before passing upon them. A certificate of merit was awarded George Burchett, Montclair, N. J., for display of splendid gladiolus, some being of enormous size, and Bellows received honorary mention for a display. An exhibition of cannas will be held at the September meeting and all who grow them are requested to exhibit.

Notes.

New York will be represented by a good bowling team. They have not been doing any shouting lately, but expect to make things interesting on the Asheville alleys. From past experiences it might be well if the extra exuberance and loud coaching were somewhat curtailed, at least until the games were rolled. Many good bowlers have delicate nerves.

We very much regret to write that S. S. Butterfield, of the Florists' Exchange, is very ill, and know all will join in wishing his speedy recovery.

Dan MacRorie has been laid up in the South Orange, N. J., hospital for some time with muscular rheumatism.

The fourteenth annual horticultural exhibition of the Schwabitcher Sangerbund, which is largely composed of German horticulturists of Long Island, will be held at Ridgewood Park, L. I., from Aug. 31st to Sept. 7th. Fred Marquardt, of Middle Village, L. I., is manager, and Messrs. A. F. Schrader and John Meissner, of Elmhurst; Carl Koch, Flatbush, and Herman Maenner, of Maspeth, are the committee. Some very good prizes are offered and some very fine exhibits are sure to be there. Carpet bedding is one of the features, and it might be well to introduce this into fall shows.

Thomas Young, Jr., will in the early fall open one of the best equipped retail stores in New York. It is at the corner of 58th street and Sixth avenue, and is being fitted up in the most approved style.

Dards is also making his new store more elaborate, and there is talk, which cannot yet be verified, that a new wholesaler will shortly appear in 28th street.

Mr. Henry Small is enjoying the sights of this city. Mr. A. H. Small is expected back from his European trip next week.

Mr. George Nicholson, of Dictionary and Kew fame, is coming over to participate in the plant breeding conference to be held here in September.

Chas. Schnell, for many years with Thorley, has gone to take charge of W. J. Palmer's new store on Main street, Buffalo. We commend Charlie to the Bison City florists.

Archibald Forbes, of Peter Henderson & Co., has returned from his trip abroad and looks and feels extremely well.

Louis Schmutz is once more able to compete with John I. Raynor in the matter of velocity of alley balls.

Business is at low water mark. Plenty of outdoor flowers at anything offered.

J. I. D.

Sigmund Geller's importation, just received, is a very extensive one, and contains everything novel in florists' supplies, baskets and ribbons, a very large stock of the latter having just been placed on exhibition.

J. K. Allen has just returned from his summer outing at Greenwood Lake, looking robust and happy, and ready for the coming revival in business.

Miss Reilly's vacation begins next week in Maine, and has been well earned.

Mr. and Mrs. L. J. Kreshover leave next week for their annual recuperation in the midst of the health inspiring mountains of Sullivan county, N. Y.

Mr. and Mrs. Nash depart Monday for a three weeks' exploration of the Catskills, and Mr. S. Nash returns from his holiday at Bensonhurst by the Sea.

Fremont and Dutzenberg of Ghormley's are away "resting up," while Mr. Wiese has returned from Ogontz, Pa.

Mr. John Young is in Saratoga, where the health giving waters and the races furnish enough of interest to make one for a while forget gay New York.

Alex. Guttman's store has been enlarged and repainted and looks spick and span and ready for the increased business expected there this fall.

Charles Millang, the "Lily King," is arranging to make violets a specialty this winter, and will have an unlimited supply.

Reed & Keller's big store with six floors filled with everything in the supply line that a florist can mention, make this establishment one of the largest of its kind in the world. All the latest novelties are here and open for inspection.

Mr. Eggeling of St. Louis and C. B. Flick of Fort Wayne, were recent visitors.

R. Hauft, it is rumored, will form a co-partnership with W. Samson, the wholesale florist, this fall.

Henry Siebrecht, Jr., is expected home from Europe early in September. The firm of Siebrecht & Son reports a great season at Newport this summer. They have some big weddings already and are doing a large shipping business in the wholesale lines. They will have a large exhibit at the convention and Mr. Henry Siebrecht, Sr., will be there.

Mr. C. Cropp of Chicago, has been in the city for several days.

Emil Steffins, the champion wing shot, will be at Asheville and may have an exhibit of his wire designs there. This firm was the first maker of wire designs in this country and has been in business over forty years in New York.

Messrs. Clucas & Boddington will both be at the convention and will have a good exhibit there as usual.

Mrs. Alex. Burns of Woodside, wife of the popular club bowler, was severely injured in a trolley accident Monday evening.

Traendly is gathering strength in his bowling arm amongst the Thousand Islands.

Looks as though the fight would be between New York and Philadelphia for the prizes this season at the Asheville tournament.

The flower show combined with the art exhibition by the Sculpture Society,

promises to exceed any similar affair of recent years.

Charles Millang showed me some grand longiflorum lilies from cold storage bulbs which readily bring from 8 to 10 cents even in the dull hot season. His number of consignors is increasing and he is rebuilding and increasing his room in anticipation of a very busy season.

Dunne & Co. have had a fine season. Landscaping and "rustic" work are but a part of their lines. If you want anything horticultural ask them for it. They have it! When I called Mr. Dunne and his assistants were manufacturing "Dunnite" to beat the band.

Jas. McManns, next door, shows some fine Dendrobium formosum, and a strain of sweet peas that is as good as any in the street. Mr. McManus handles the finest grade of Beauties always and his specialty is orchids, of which he disposes of an immense quantity in the season. The coming fall and winter will see sample palms and plants of all kinds in his windows from the establishment of A. N. Pierson of Cromwell, Conn.

Austin Shaw.

ST. LOUIS.

The Market.

With the thermometer down to 60 a few days last week we were in the coolest spot on the map. Business is very slow in the cut-flower line; in fact, almost at a standstill. There seems to be plenty of stuff of all kinds except first quality roses and carnations. Among the roses Kaiserins are about the best that come in, and sell at $4, but $3 is about the average price for roses in this market, and with so little doing are hard to sell at that price.

In carnations some nice field-grown whites bring 75 cents and a few extra blooms bring $1. The good stock is not overplentiful, while quite enough seconds come in to supply the demand.

Sweet peas are all over. This was a good year for them, as the supply was large, quality good and a fairly good price was obtained for them.

Asters are very plentiful at 75 cents to $1 per 100. Lots of them had to be dumped the past week for want of demand.

Gladioli are a drug, as nobody seems to want them. Single and double tuberose stalks bring $4 per 100 stalks. These find ready sale, although plenty of them are in the market just now.

Notes.

The talk of the week among the craft has been about the Edwardsville meeting and the convention at Asheville. Judging from their talk, quite a large delegation will go to Edwardsville Thursday to enjoy the hospitality of our friend, J. F. Ammann. At this meeting we will know definitely how many will make the trip to Asheville and what road the delegation will take from here.

James Hartshorne, of the Chicago Carnation Co., Joliet, Ill., accompanied by his aunt, who is here on a visit from England, spent Saturday and Sunday in St. Louis; and Jimmie, as he is familiarly known in the trade, visited all points of interest while here.

Mr. J. A. Peterson, of Cincinnati, Ohio, was a visitor last week with a line of sample plants. Mr. Peterson had the trade call on him at the Hotel Rozier, where the plants were on exhibition. Mr. Peterson was very enthusiastic over the florists' special, which will leave Cincinnati next Monday for Asheville, and invited the St. Louis boys to go with him.

Arnold Ringier, representing W. W. Barnard & Co., Chicago, got in Sunday morning to spend a few days with the trade. Arnold looks the picture of health.

Carl Beyer and wife have returned from their visit to St. Paul, where they made a two weeks' stop. They are very busy just now making preparations for the annual Schwenfest at Lemp's park, which takes place on the 24th of this month. This will keep the boys away from the convention this year.

Mrs. M. M. Ayers, accompanied by friends, left last week for New York City to spend three weeks. Mrs. Ayers will buy her fall stock while away.

Will Adeles, who is with Mrs. M. M. Ayers, left Sunday night to spend a few days in Chicago. Will will, no doubt, attend the florists' picnic and compare notes. He will come back in time to attend the Edwardsville meeting.

Mrs Windt, wife of J. F. Windt, the Bayard avenue florist, who is visiting at Madison, Wis., will return home September 1. Mr. Windt, Jr., who has been sick, has recovered and is around attending to business as usual.

Theo. Miller is making extensive improvements at his place for the fall trade. The new addition will give him the room of which he has been in need. The Garland iron gutter will be used on the new house.

Bowling.

The bowlers wound up their summer practice and will not bowl again until fall. By next Monday most of the members will be on their way to Asheville, but not as a team; most of them will enter the individual class. The six who came down Monday night rolled three games, with the following scores:

Kuehn's Team.	1	2	3	Total.	Aver.
Meyer	145	179	170	494	164 2-3
Miller	166	150	157	473	157 2-3
Kuehn	144	155	168	467	155 2-3
	455	484	495	1434	159 1-3
Sturtz's Team	1	2	3	Total.	Aver.
Beneke	172	165	152	489	163
Sanders	179	142	140	461	153 2-3
Sturtz	184	211	137	532	177 1-3
	537	518	429	1482	164 2-3

J. J. B.

CINCINNATI.

The Market.

Trade still holds up remarkably well. There is quite an active demand and there is plenty of stock to go around. Especially is this true of asters, which are very plentiful. At the present time George Murphy is bringing in the best, and they bring $2 per 100 readily.

Roses are fair. Brides are a trifle short, but Golden Gates cut from new stock, sell readily in their stead. There are plenty of Maids, such as they are. Meteors are right fair, but there are many bullheads. Some outdoor-grown roses of good quality are to be had.

Carnations, as usual, are scarce. Some field-grown stock is coming in, but that's about all. Dorothy is the only carnation that is really good at present. Carnation plants, though, are doing fine everywhere, and prospects for a large early fall crop of good quality are fine.

Current prices are as follows: Roses—Beauty, short stem, 50 cents to $1.50 per dozen; Brides, Bridesmaids, Meteors, Golden Gates, etc., 2 cents to 4 cents. Carnations, 50 cents to 75 cents for field-grown stock; $1 to $2 for indoor stock. Asters, at all prices from 50 cents to $2 per 100; Asparagus plumosus, 50 cents per string; Sprengeri, $2 to $3 per spray; smilax, 10 cents to 12½ cents.

Various Items.

Mr. E. G. Gillett is now receiving many inquiries for berths, etc., for the Asheville trip, and he is doing his best to satisfy everyone. In case you have not done so, send in your application at once.

Erhardt & Wetzel is the name of a new firm on Fourth street.

J. A. Peterson is out of the city taking in several of the large cities. It is a business trip.

The regular meeting of the florists' society took place on Saturday evening last at the club rooms. The principal business related to the Asheville convention. It was decided to appoint information committees that would meet all incoming trains likely to have convention delegates on board. The committeemen will wear badges and are there for the purpose of directing all strangers, wherever they may care to go, etc. They will also pilot parties wishing to see some of the points of interest about the city and suburbs. In case you are not acquainted with our city be sure to look out for these men as soon as you leave your train, as they are there for the purpose of meeting you and to give you any information they can.

Circulars are out booming Mr. Edwin A. Seidewitz for secretary of the S. A. F. O. H. Mr. Seidewitz's record as a florist is one to be envied by any one, and I do not doubt that he will make a good bid for the office.

A recent visit to the greenhouses back on Price Hill shows many changes and improvements under way. Mr. C. C. Murphy has about completed remodeling his plant and is busy getting ready to plant in his carnations. Geo. Murphy is placing a large boiler and also remodeling somewhat. George suffered considerable loss during the past winter, owing to defective heating apparatus, so he is fixing things that it will not occur again.

Sidney Murphy is building an entire new range of glass for his own use. The foundations are now up, and also part of the frame work. He is very busy and things are moving rapidly.

Wm. Murphy has five new houses completed, and they are large and of modern construction. He will soon be ready to house stock. His new white carnation, which he will place on the market this fall, is in A1 shape, having made a wonderful growth in the field. Some already housed are doing finely, the first crop being about ready to cut. The stems run from fifteen to eighteen inches and show no signs of weakness.

Visitors were: H. H. Ritter, Dayton, O.; W. B. Paterson, Montgomery, Ala.; Mr. B. Eschner, Philadelphia, Pa.

C. J. Ohmer.

CINCINNATI MAKES A BID FOR THE CONVENTION.

The Cincinnati Florists' Society has decided to make a bid for the next meeting of the S. A. F. O. H. The Cincinnati delegation, headed by Mr. E. G. Gillett and B. P. Critchell, will be prepared to make a strong fight for this honor. Cincinnati was the birthplace of

SAMUEL S. PENNOCK, Wholesale Florist.

SELECT VALLEY..... 1612 Ludlow St. **PHILADELPHIA, PA.**

During July and August will close at 6 P. M. Saturdays at 1 P. M. **L. D. Telephone.**

Mention The Review when you write.

the S. A. F. and is the most convenient point in the United States for a meeting of the society. Think well and long and cast your vote with the Cincinnati boys.

Final arrangements for the entertainment of all florists passing through this city on their way to Asneville were also made. All visitors will be escorted from the various depots to Fountain Square, where special cars will be waiting to carry the visitors to Eden Park, then on to the Zoological Garden, where lunch will be served. C. J. Ohmer.

INDIANAPOLIS, IND.

Society of Indiana Florists.

The monthly meeting of the State Society of Indiana Florists was held on the 5th, and, as previously announced, was a memorial meeting in honor of our late brother florist, William G. Bertermann, who passed away on June 29.

There was a good attendance, and everyone present was full of praise for the good work done by Mr. Bertermann in uplifting our profession in this state, especially while serving as secretary of our society. He was well known to all of us, and no more popular member did we ever have in our society.

E. G. Hill was to be the principal speaker of the evening, but on account of being unable to be present he sent his speech to bo read by the president, and in it expressed the sentiments of everyone present. Suitable resolutions were adopted by the society at this meeting and a copy ordered sent to his family.

Various Items.

This city is likely to be poorly represented at Asheville, as everybody is heels over head in work building or rebuilding. Bertermann Bros. are building a new house for storing azaleas, etc. H. W. Rieman is pushing his new addition as rapidly as possible. His two new boilers are beauties. The Young & Smith Co. has its new house planted. J. Hartje has his house ready for the glass, but he is in no hurry, as the house is planted with carnations, which are looking nice. The Indianapolis Plant and Flower Company is finishing a carnation house. Baur & Smith have their large new house ready for the glass, and it is attracting a great deal of attention by its sign. The carnations were planted in beds last spring and the house built over them, and they are looking fine, promising a large and early crop of blooms. They are installing the single pipe system of heating.

On the 14th of this month A. Wiegand and wife start on a tour of the West, including a week in Yellowstone Park. They expect to be gone several weeks.

E. A. Nelson has planted a house in Beauties, and they are looking nice.

Carnation planting is going on in full swing, and in a few weeks all will be housed. Asters have been in oversupply, but recent rains have spoiled many outside and good ones are not overplentiful just now. A. B.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A cast iron boiler for hard coal large enough to heat 1000 feet of 4-inch pipe. State size, price and condition. Address N. K., care Florists' Review.

WANTED—Competent storeman, must be able to make up and decorate; references required. Central Greenhouses, Sandusky, Ohio.

WANTED—Before Sept. 15, a good propagator and grower of bedding plants. Please state wages expected with board and room. Address C. A. Harris & Co., Delanson, Schenectady Co., N. Y.

WANTED—A man who understands the growing of cut flowers and general stock. Must be temperate and single. State wages with board and room. Address No. 2012 Third Ave., New Brighton, Pa.

SITUATION WANTED—By experienced grower of roses, carnations, mums, specialties, general stock. Best references. G. Grower, 88 Walnut Street, Cleveland, Ohio.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—A practical working foreman (single and temperate), must understand the growing of cut flowers and have a thorough knowledge of growing vegetables in field and under glass. Celery, especially, in field. Culture of strawberries. 20 acres (well watered) of small truck; 175 hotbed sash; 3 greenhouses (4,000 square feet glass). Management of 7 men. Board, room and washing furnished. Only experienced men need apply with first class references from former employers. State wages and address H. B. Thompson, Canonsburg, Pa P. O. Box 557 P S.—Write at once

WANTED—By August 15th a good grower of roses and carnations; must be good worker, sober, industrious and reliable; good pay and steady employment. John Fallon, Staunton, Va.

FOR EXCHANGE—My fine residence, steam heat, city water, bath. New greenhouse, 20x65 feet. Situated in best residence district in best town in Southern Illinois. No incumbrance. I invite fullest investigation. Want Northern property. Address J. W. Hanford, Carboudale, Illinois.

WANTED—A young man with practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 723 E. State Street, Redlands, Cal.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

WANTED—A working foreman to take charge of 22,000 square feet of glass where first class roses and carnations are to be grown, also one house of poinsettia; one assistant. State age and wages expected, including boarding and washing. Apply to John L. Wyland, De Haven, Pa.

WANTED—Assistant or working foreman, must have experience in propagating bedding plants. State wages expected with board. L. Mosbæk, near 85th Street and South Chicago Avenue, Chicago, Ill.

WANTED—A good all-round greenhouse man, European preferred; $40.00 and room and up; if married, house will be furnished. Ernst Nitsche, 314 Main Street, Dallas, Tex.

FOR SALE—Glass—15 boxes single strength new A 16x18 at $3.00 per box; 100 boxes D. S. A new glass, $4.65 per box, size 18x20. Cash. Lot 2-inch and 1-inch steam pipe, new. F. Walker & Co., 644 Fourth Avenue, Louisville, Ky.

FOR SALE—Round cypress tanks, good as new. We have several large tanks at about two-thirds less than cost. Please call and examine or address Coolidge Bros., South Sudbury, Mass.

FOR SALE—Two medium sized hot-water heaters in perfect condition. Geo. Stafflinger, Springville, N. Y.

FOR SALE—1800 feet new 1¼-inch standard wrought iron pipe, 7c per foot. C. D. Gallentine, Morrison, Ill.

FOR SALE—A Furman boiler, it's all right and as good as new. Karl Kuny, 933 1st Avenue, Altoona, Pa.

WANTED.

October 1st, competent and reliable man to take charge of a retail flower store in Colorado. Must be experienced and thoroughly understand the business, especially designing and decorating. Give experience, references and salary expected. Only an A-No.-1 man can hold the place. Address Colorado, care Florists' Review.

For Sale at a Bargain

Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address F. S., care Florists' Review.

For Sale: Cheap, Eleven Large SAGO PALMS

and Five Medium-Sized ones.

Prices and description on application.

BEATRICE McROBERTS,

GOVANSTOWN, Baltimore Co., Md.

BOILERS FOR SALE.

Two No. 6 Cottage Hot Water Boilers and one No. 15 Lord & Burnham

The Park Department is increasing their greenhouse area and is changing from hot water to steam and wish to dispose of these boilers at once. They are in first class condition in every way. Grates and all connections are perfect. All three of the boilers have the shaking and dumping grates, and the two smaller Cottage boilers have a capacity of 600 feet of 4-inch pipe. The larger one has a capacity of from 1400 to 1600 feet of 4-inch pipe.

These boilers are comparatively new, having been used but a short time.

Prices for the smaller ones, **$50.00** a piece. For the large one, **$80.00**. Cash.

These prices are f. o. b. Cincinnati.

All smaller fittings and pieces will be packed.

Address Superintendent of Parks,

City Hall, CINCINNATI, OHIO.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Charles Millang, 50 W. 29th St. NEW YORK.

All through the early morning hours
I hear the music of the flowers,
And day and night their voices ring;
And this the song I hear them sing:—
"Long live Millang The Lily King!"

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to.
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

THE PIONEER HOUSE of the Cut-Flower Commission Business.

Open every day at 6 a. m.
Always "on deck."
Your business interests never neglected.

J. K. ALLEN
WHOLESALE FLORIST,

106 W. 28th Street, Tel. No. 168 Madison Sq. NEW YORK CITY

We ship all over the U. S.
Out-of-town florists telegraph your needs.
Consignments of first class flowers always realize with us the best market prices.
Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.
52 W. 29th St., NEW YORK CITY.
Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.
SHIPPING ON COMMISSION.
Tel. 2034 and 2239 Madison Square.
Mention The Review when you write.

LONDON, ONT.

The London Horticultural Society held its mid-summer show on Wednesday and Thursday, August 6th and 7th. The exhibit was the largest yet had by the society, Mr. H. H. Groff, of Simcoe, sending over a thousand spikes of gladioli. These exhibits are becoming very popular and with each show there is a decided improvement from its predecessor.

The Horticultural Department of the Western Fair, which takes place from the 11th to the 20th of September, is being well looked after, and there are already a number of entries. Mr. Callender, of Woodstock, will make an exhibit of a carload of cacti.

Messrs. Gammage & Sons have about completed their new range of houses, and are making preparations for the erection of a large carnation and propagating house.

The program for the Canadian Horticultural Association is ready, and can be had on application from William Gammage, secretary pro tem. LOND.

NORTHAMPTON, MASS.

The bankruptcy petition of Alexander Parks, florist, of Northampton, was filed in the U. S. Bankruptcy Court, of Boston, last week. His liabilities are $9,522.38, and assets, $9,100.00, secured debts, $6,050.00, and unsecured, $3,182.38. The largest secured creditor is the trustees of the Smith Charities of Northampton, being secured by mortgage on lot on Union street. The three largest unsecured creditors are as follows: A. N. Pierson, Cromwell, Conn., three notes aggregating $479.00; First National Bank, Northampton, three notes aggregating $440.00; F. R. Pierson, Tarrytown, N. Y., three notes aggregating $322.00.

In Springfield, Holyoke and vicinity trade in general is very quiet. Although the weather for the past couple of weeks has been very favorable, flowers of every description have been very scarce, with the exception of asters and sweet peas, which are coming in bunches. INO.

CHESTER, PA.—The Delahunt greenhouse property has been purchased by a party whose name is withheld. The new manager will be N. R. Cook.

HEADQUARTERS FOR NOVELTIES
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

Burpee's Seeds Grow

CHRYSANTHEMUMS.

We can still furnish the following varieties from 2½-in. pots. Thrifty young plants, well established, ready for immediate shipment. Our selection of standard varieties, early, mid-season and late, $20.00 per 1000; $2.00 per 100. Reduction from List on large orders.

WHITE.	100
T. Eaton	$4.00
Ivory	3.00
Willow Brook	3.00
Nellie Pocket	4.00
Polly Rose	3.00
Niveus	3.00
Mayflower	3.00
Geo. S. Kalb	2.50
M. Monarch	2.50
M. J. Jones	3.00
Queeu	3.00
Mrs. H. Weeks	3.00
Mdlle. Lucie Faure	3.00

YELLOW.	
Col. D. Appleton	$4.00
Philadelphia	5.00
Robt. Halliday	3.00
Golden Wedding	4.00
R. H. Pearson	6.00
Yellow Mayflower	3.00
Mrs. E. D. Smith	4.00
October Suushiue	3.00
Mrs. J. Whildin	2.50

YELLOW.	100
Liberty	$4.00
Eclipse	4.00
Modesto	3.00
E. Dailledouze	3.00
H. A. Parr	2.50
Major Bonnaffon	3.00
Nagoya	3.00

PINK.	
Orizaba	$6.00
Mary Hill	4.00
Lady Playfair	2.50
Xeno	3.00
Maud Dean	4.00
Yanariva	6.00
V.-Morel	4.00
Adele	3.00
Lady Harriett	4.00
J. K. Shaw	3.00
Glory of the Pacific, red and bronze	3.00
G. W. Childs	4.00
Intensity	4.00
John Pockett	6.00
Lady Anglesly	4.00

H. WEBER & SONS, OAKLAND, MD.

Asparagus Plumosus
3-inch pots, at $5.00 per 100.
SMILAX, 2-inch pots, at $1.50 per 100.
Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.
ALBERT M. HERR, Lancaster, Pa.

CHRISTMAS FLOWERING
Sweet Peas

MISS PL. E. DENZER, large pure white flower. 1 pkt., containing 2 ozs. of seed, **$1.50.** 8 pkts., containing 1 lb. of seed, **$10.00.** Mailed free.

ZVOLANEK'S CHRISTMAS, the well known pink and white, 1 lb., **$4.00.**

Both varieties, if sown first part of September, start to blooming in November and flower all winter till June.

Also **MONT BLANC** (European) **$2.00** per lb., and all other select florists' Sweet Pea Seed at low prices.

ANT. C. ZVOLANEK,
GRAND VIEW, N. J.
Mention The Review when you write

Burbank's Shasta Daisy

New Seed 1902—25c per 100, **$2.00** per 1000 **$18.00** per 5000, **$30.00** per 10,000 seeds.

Asparagus Pl. Nanus Extra fine, 2½-in., **$5.00** per 100.
Burbank's Shasta Daisy Strong. 3 inch. **$15.00** per 100.
Asparagus Sprengeri Seed, **$1.50** per 1000
Calla Bulbs, first size, prepaid, **4.00** per 100

WRITE YOUR WANTS ON CARNATION PLANTS.
Express Prepaid.

California Carnation Co.
LOOMIS CAL.
Mention The Review when you write.

5000 SMILAX TO CLOSE.

500 Hibiscus, in 2½ to 4-inch.
5000 Sprengeri, 2 to 6-inch.
5000 Plumosus, 2 to 5-inch.
Boston Ferns, 4 to 10-inch.

Let us have your orders.
GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.

Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.
Mention The Review when you write.

LEO NIESSEN, N. W. Cor. 13th and Filbert Sts. Philadelphia, Pa.

During July and August store will be open from 7 A. M. to 6 P. M.

Mention The Review when you write.

NOW READY! | **White Roman Hyacinths. Paper White Grandiflora Narcissus.**

White Roman Hyacinths, 12-15 centimeters.....$2.50 per 100; $23.00 per 1000
Paper White Grandiflora Narcissus ..... 1.00 " 8.50 "
Freesias (California grown) ⅜-inch and over..... 10c per doz.; .60 " 5.00 "
Selected White CALLAS, 1¼ 1½ inches in diameter, 75c per doz.; $5.00 per 100. 1½-2 inches in diameter, $1.00 per doz.; $8.00 per 100. 1¾-2½ inches in diameter, $1.50 per doz.; $10.00 per 100.

NEW CROP PANSY SEED.

sy—J. & S. Kingly Collection The finest strain of Giant Pansies now offered to the trade. It will please the most critical grower with its immense size, perfection of form, great substance and rich colors. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds $1.00; per oz., $5.00.

MUSHROOM SPAWN—English Milltrack. From a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00.

See offer of Calceolaria, Cineraria, Chinese Primrose, etc., in last week's Review.

Send us your orders for DUTCH HYACINTHS, TULIPS, NARCISSUS, etc.

JOHNSON & STOKES, 217-219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

BALTIMORE.

Trade and Various Items.

Trade continues to maintain a moderate volume, season being considered, and on Friday and Saturday of last week the demand for roses exceeded the supply, and other flowers were pretty well cleaned up. Beauties are asked for to-day (Aug. 11), but are not in evidence; asters are abundant; gladioli, a drug on the market, and outdoor carnations and roses ample for all calls.

The Gardeners' Club has decided with enthusiasm to invite the Society of American Florists to hold its next meeting in Baltimore, and a provisional subscription has been pledged, as is understood, ample for all requirements. This implies, it is said, the election of a young and popular member of the trade of this city to its next presidency.

The sad bereavement which befell Mr. John Burton created universal sorrow and profound sympathy here among all the friends of that estimable gentleman.

J. E. Bartell, of the York road, near Govanstown, is building a number of new greenhouses.

Robert L. Graham and family have escaped all the dangers and pitfalls which a month's sojourn in the suburbs of Chicago involves, and have returned with gladness and singleness of heart and rejoicing of spirit to the delights which this summer-resort-like City of Monuments affords.

The number of attendants at the Asheville convention from this bailiwick will probably be quite up to the earlier estimates, and will include much dignity, worth and eloquence in the delegation.

R.

Malden, Mass.—John Walsh & Son have added a new house 20x120, making ten in all, at their place in Melrose Highlands. They have also built a new office and boiler house. A show house will be built in the rear of the new store they will occupy this fall in the new Goodwin block in Summer street.

Mitchell, S. D.—E. C. Newbury has begun the erection of a new house 26x115. This will give him a total of 13,500 feet of glass.

WHOLESALE GROWERS .....OF..... Narcissus and Daffodils

FINEST VARIETIES.

Low prices on quantities for Fall delivery. Send us your list of wants.

American Bulb Growers' Co.

WHOLESALE BULB GROWERS,

PETERSBURG, VA.

Mention The Review when you write.

Extra Fine Valley

During the Summer

$4.00 to $5.00 per 100

H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.

Mention The Review when you write.

EDW. S. SCHMID,

712 12th St., N. W., WASHINGTON, D. C.

GROWER AND IMPORTER OF

All kinds of AQUATIC PLANTS suitable for Ponds and Aquariums.

Send for large catalogue of Birds, Fish and Plants.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of

MACHINE WIRED TOOTHPICKS

10,000....$1.50; 50,000....$6.25

3000 6-inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

Mention The Review when you write.

Last Call for ADVS. for our Convention Number

to be issued NEXT WEEK.

SEND ADVS. AT ONCE or you may be too late.

GEORGE M. MOSS,

WHOLESALE FLORIST,

Beauties, Brides, Maids, Carnations, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

Mention The Review when you write.

EDWARD REID

WHOLESALE FLORIST.

Valley and all seasonable summer flowers.

1526 Ranstead Street, PHILADELPHIA.

Store closes at 6:30 P. M. Saturday 1 P. M.

Long Distance Telephone.

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FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Baseties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

Mention The Review when you write.

Eugene Bernheimer,

WHOLESALE FLORIST

11 S. Sixteenth Street,

Long Distance Telephone. PHILADELPHIA, PA.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

ZIRNGIEBEL

GIANT PANSIES.

Trade packages at $1.00. Also plants of the above strain at $5.00 per 100 and $10.00 for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

Michigan Seed Co.

WHOLESALE GROWERS

GLADIOLUS, DAHLIA and CANNA Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Cyclamen Seed New Crop.

Harvested in May and June. Just Received.

ENGLISH STRAIN—Admitted to be the best strain reaching this country. We have the pick from some of the private estates and it is harvested with great care.

CYCLAMEN PERSICUM GIGANTEUM GRANDIFLORA

in mixture of the strain comprising the best shades, trade packet, **50c** 1000 seeds, **$10.00**
White (pure) 100 seeds.....**50c** 1000 seeds, **8.50**
Scarlet, 100 seeds .....**50c** 1000 seeds, **8.50**
Roseum, 100 seeds .....**50c** 1000 seeds, **8.50**
Rubrum, 100 seeds .....**50c** 1000 seeds, **8.50**

GERMAN STRAIN—We purchase this of specialists only and many compliments have come to us on the excellence of the stock.

CYCLAMEN PERSICUM GIGANTEUM

in mixture of the above strain composed of the standard varieties and latest novelties. A grand assortment, trade packet.....**50c** 1000 seeds, **$7.50**

White (pure).....Packet....**50c** 1000 seeds, **$7.50**
White with eye, " ....**50c** 1000 seeds, **7 50**
Roseum Superbum " ....**50c** 1000 seeds, **7.50**
Rubrum, " ....**50c** 1000 seeds, **7.50**

Let us have your orders for this seed, we will please you.

Write us about HARRISII BULBS.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO, ILL.

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Revised List of on hand **AUGUST 13, 1902, at** **ROSES**

Geo. A. Kuhl's,

PEKIN, ILL. **Write him.**

	2 by 2½-in.	2½ by 3-in.	3 by 3-in.
Meteors	200		
Brides	500	1600	
Maids	800		
Kaiserins		500	
Perles		300	
Liberties	700		
Golden Gates	500	200	700
Belle Siebrecht	150	300	

Rose Plants for Winter Bloom

	Per 100	1000
1500 Golden Gate, extra fine, 3-in.,	$5 00	$40.00
1500 Meteor, extra fine, 3-in.	5.00	40.00
1500 Kaiserin, extra fine, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyers. Terms cash with order.

ADDRESS

S. Alfred Baur, ERIE, PA.

Mention The Review when you write.

Last Call

for Advs. for our **CONVENTION NUMBER**

to be issued NEXT WEEK.

Send Advs. at once **or you may be too late.**

ROSES for WINTER FLOWERING.

IVORY (American Rose Co. stock) per 100, **$9.00.**
BRIDES, BEAUTIES, GONTIER, PERLES, Mme. HOSTE, SAFRANO, GOLDEN GATES, 3-inch pots, per 100, **$6.00.**

Grafted **GOLDEN GATES** (very fine) per 100, **$12.00.**
BRIDESMAIDS, 3½-inch pots, per 100, **$12.00.**

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Strong 3-inch ROSES.

SPECIAL VERY LOW PRICES TO MAKE ROOM.

American Beauties, 3-inch, **$50.00** per 1000 | **Perles and Kaiserins,** 3-inch, **$50.00** per 1000
Brides and Maids, " **40.00** " | **Meteors,** 3-inch ..... **30.00** "

Brides and Maids, 2 x 3 inches, **$25.00** per 1000

NOTE THIS OFFER: - - 100 AT 1000 RATE.

CARNATIONS. Marquis, Joost, Triumph, Jubilee, Armazindy Scott, $5.00 per 100; $45.00 per 1000. Strong field plants.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100: **$45.00** per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

Clearance Sale of ROSE PLANTS.

Elegant stock—never offered better plants. **Brides, Bridesmaids** and **Meteors,** 3-in., $3.00 per 100; $29.00 per 1000. Cash with order.

BRANT & NOE, Forest Glen, Chicago.

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Always Mention the....

Florists' Review

When Writing Advertisers

KANSAS CITY, MO.

The Flower Show.

"All encouragement so far has come from the management who will spare neither time nor any expense to make this the greatest flower show ever given."—Uncle John Thorpe.

Uncle John has spent nearly two weeks here in conference with Mr. Taggart and in closing the final details of what is to be the greatest flower show the world has ever seen. This is not idle talk. Kansas City has the greatest place on earth to hold such an exhibition, the management composed of men who do things, and a $7,000.00 premium list to attract the growers. The premium lists will be out and distributed this week. What do you think of that $7,000 proposition, Mr. Grower? Don't you think it would be a pretty good thing to be in on?

The general plan of the show will be changed considerably from last year. An attendance of 100,000 people is expected this year and last year the room was crowded with 50,000, so to avoid crowding the roof gardens will be utilized for the cut flowers. A board walk will cover the boxes entirely around the arena floor, which will give the promenaders a beautiful view of the entire floor.

On the arena floor will be reproduced the home of Washington at Mount Vernon with its garden of old fashioned flowers, a facsimile of the place as it stands today. These old-fashioned flowers are now being grown especially for this show. A facsimile of the white house will be arranged as a back ground and marble steps will join it to the Washington garden. All will be brilliantly illuminated with colored electric lights.

The cut-flower attraction in the roof garden will consist of a mile of chrysanthemums, a mile of roses and a mile of carnations. Mr. Taggart says if a "Miss" is as good as a mile there will be at least two hundred miles of pretty flower girls in the booths. To further carry out the idea all society ladies who assist will dress in Colonial style. Prizes are to be again offered for a new musical composition to be dedicated to the flower show.

Notes.

Director General Taggart was called to Hillsdale, Mich., early last week, by the sickness of his mother.

H. J. Barnes has been entirely remodeling his place this summer. Those of his houses that have heretofore run north and south will be changed and run east and west to correspond to the rest of the plant. His other houses have all been raised to have the gutters six feet from the ground. Mr. Barnes will have a nice place when completed.

In connection with rooting carnation cuttings I know one big place where the cutting bed was made of one by six-inch pine with a quarter-inch crack. This crack was stuffed with sphagnum to keep the sand from falling through. As soon as the boards got soaked there was of course no drainage and yet the "old man" hollered pretty hard when the second batch went by fungus. My own cuttings were rooted on a slate-bottomed bench. John H. Vesey.

Don't fail to have a strong special adv. in our Convention Number, to be issued next week, and send copy at once or you will be too late.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
P. P. BENTHEY, Manager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
Mention The Review when you write.

JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
51 Wabash Avenue, - - CHICAGO.
GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598.
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FRANK GARLAND,
Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
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Michigan Headquarters
for Fancy Ferns, $1.00 per 1000. Discount on large orders. Bronze Galax, $1.00 per 1000.
Give us Trial Order.
MICHIGAN CUT FLOWER EXCHANGE
WM. DILGER, Manager.
26 Miami Avenue, DETROIT, MICH.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
437-439 Main St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
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McKELLAR & WINTERSON CO.

Supply Everything Used by Florists, Nurserymen, Gardeners, Seedsmen..... Cemeteries, Parks, etc.

HEADQUARTERS ON CUT-FLOWERS.

45-47-49 Wabash Ave.

Telephone Main 1129. **Chicago.**

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

H.G.Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, ST. LOUIS, MO.

Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

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Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave, KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

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YOU can plant at any time — Roses from 4 and 5-in. pots; Crimson Rambler, Coquette des Blanches, Clothilde Soupert, etc., fine clean plants, 9c. Large-flowered Clematis, finest purple, white, lavender and pink sorts, 2-year, from 5-in. pots, 18c; 1 year, from deep 3-in., 9c. Clematis Paniculata, 2-year, from 5-in. pots, 10c; extra from 6-in., 15c. Japan Gold Leaf Honeysuckle, fine 3 and 4-in., 10c. Also Henderson's Snowball and Selected Erfurt Cauliflower from 2-in. pots, 2c. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

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The Best Variegated Foliage Plant to-day is

PANDANUS VEITCHII.

Fine plants, bench pots, $12.00 a doz.

Also larger sizes at $1.50 and $2.00 each.

JOHN WELSH YOUNG, GERMANTOWN,

Upsal Station, Penna R. R. PHILADELPHIA, PA.

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SIEBRECHT & SON,

Rose Hill Nurseries. NEW ROCHELLE, N. Y.

LARGEST STOCK OF

PALMS

IN THE WORLD

Unsurpassed IN QUALITY AND PRICE.

All Sizes, FROM 1 FOOT TO 20 FEET.

Kentias.	Araucarias.
Arecas.	Boston Ferns.
Latonias.	Cordata Compacta.
Phoenix.	Pandanus Utilis.
Livestonias.	Pandanus Veitchii.
Bay Trees.	Box Trees.
Begonias.	

See Here! Don't place your order before you get our prices. We are hard up for room.

We will meet you at Asheville with samples.

Mention The Review when you write.

FANCY DAGGER

Hardy Cut Ferns

First Quality, 60 cts. per 1000.

Also Dealer in

Christmas Trees, Baled Spruce for Cemetery Use,

Bouquet Green, Sphagnum Moss, Etc.

L. B. BRAGUE, Hinsdale, Mass.

Mr. Brague will have an exhibit at Asheville Convention.

Mention The Review when you write.

Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

CELERY — Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

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The New Nephrolepis Fern

Anna Foster

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

L. H. FOSTER, Dorchester, Mass.

Always mention the Florists' Review when writing advertisers.

FANCY or DAGGER FERNS, first quality, 50c per 1000; Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Discount on ferns and laurel in large quantities.

Try us and we will please you.

CROWL FERN CO.,

Telegraph Office, New Salem, Mass.

P. O., MILLINGTON, MASS.

Mention The Review when you write.

Florists' Mignonette

FOTTLER'S ECLIPSE.

FINEST STRAIN EVER OFFERED.

Immense Spikes. Very Fragrant and High Colored.

GREENHOUSE-GROWN SEED. Trade packets of about 2000 seeds, $1.00.

Schlegel & Fottler Co., Seedsmen, BOSTON, MASS.

TRADE CATALOGUE ON APPLICATION.

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Always Mention the....

Florists' Review

When Writing Advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, strong plants out of 2-in. pots, $3.00 per 100; 3-in. pots, $6.00 per 100. Elegant plants to get your stock from. Cash with order. A. L. Miller, Jamaica Ave., opp. Schenck Ave., Brooklyn, N. Y.

ACALYPHAS.

Acalypha marginata. 300 extra strong plants in 2½-in. pots, $4.00 per 100. F. O. B. express or freight office. Cash. Mills, The Florist, Jacksonville, Fla.

ACHYRANTHES.

Achyranthes, 250 in 2½-in., both colors, red and green, $3.00 per 100. Cash. Mills, The Florist, Jacksonville, Fla.

ADIANTUMS.

Adiantum Roenbeckia, strong; for 6 or 7-in. pots, from bench, $25.00 100.
H. A. Jahn, New Bedford, Mass.

Adiantum farleyense—elegant stock. Write for price list. A. N. Pierson, Cromwell, Conn.

ALYSSUM.

3,500 Giant dbl. alyssum, 3-in. pots, extra fine, bushy, $3.00 100. E. J. Cloud, Avondale, Pa.

AQUATICS.

Aquatic plants suitable for ponds and aquariums. Send for catalogue of plants, fish and birds. Edw. S. Schmid, 712 12th St., N. W., Washington, D. C.

ARAUCARIAS.

We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

ARAUCARIAS, all sizes.
Send for PALM catalogue.
O. C. POLLWORTH CO., MILWAUKEE, Wis.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
Julius Roehrs, Rutherford, N. J.

ASPARAGUS.

Asparagus Sprengerl, 2½-inch...$4.00 per 100
Asparagus Sprengerl, 3-inch..... 6.00 per 100
Asparagus plumosus nanus, 2½-inch 5.00 per 100
Asparagus plumosus nanus, 3-inch.. 7.00 per 100
VICK & HILL CO., Rochester, N. Y.

10,000 Asparagus plumosus. Bright, clean stock, 2½-in., $3.00 per 100. Asparagus Sprengerl, $2.00 per 100. Satisfaction guaranteed or your money back. C. F. Baker & Son, Utica, N. Y.

ASPARAGUS SPRENGERI.
3½-inch, large, strong plants..... 7c.
4-inch, large, strong plants.....10c.
5-inch, large, strong plants.....20c.
C. C. POLLWORTH CO., MILWAUKEE, Wis.

Asparagus Sprengerl, strong 4½-in. $10.00 100; 5-in. $15.00 100; extra strong 8-in., growing in field, fine for winter cutting, $35.00 100. S. Muir, 3530 Mich. Ave., Chicago.

Asparagus plumosus, extra fine 2-in. $3.50 100, $30.00 1000. A. tenuissimus, 3-in. $5.00 100. Cash. Livingston Seed Co., Columbus, Ohio.

1000 Asparagus Sprengerl, nice bushy plants, 2½-in. pots, ready for planting on borders, $2.50 100. E. J. Cloud, Avondale, Pa.

Asparagus Sprengerl, very bushy, 2¼-in. $1.75. Plumosus, extra strong, 2¼-in. $3.50. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

5000 A. Sprengerl, 2 to 6-in., and 5000 A. plumosus, 2 to 5-in. Let us hear from you. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, extra fine, 2½-in., $5.00 100. Express prepaid. California Carnation Co., Loomis, Cal.

75 4-year-old Asparagus plumosus roots, 12½c each. Cash with order. H. P. Owen, Toughkenamon, Pa.

Asparagus, fine stock. Send for price list.
A. N. PIERSON, Cromwell, Conn.

Asparagus Sprengerl, strong plants, 4-in., $8.00, 2-in. $2.00 per 100. A. Schmitt, Glenville, Ohio.

Asparagus plumosus nanus, 3-in., fine, strong stock from our own seed. $7.00 per 100.
Van Wert Greenhouses, Van Wert, Ohio.

Asparagus Sprengerl, 2-in. $2.00 100. A. plumosus, 2-in. $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengerl, strong plants 2½-in. ready for 3-in., $3.00 100.
H. B. Campbell, Davenport, Iowa.

For A. Sprengerl and A. plumosus, see my adv. under CYCLAMEN.
C. Winterich, Defiance, Ohio.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengerl, 4-in., $10.00 100, cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus Sprengerl, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $5.00 100.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASTERS.

100,000 aster plants. Semple's and Queen of the Market. New lot ready now, grown from the finest seed, at $1.00 per 500; $1.50 per 1000; 10,000 for $12.50. J. C. Schmidt, Bristol, Pa.

AZALEAS.

AZALEA INDICA, $15.00 to $50.00 1000, at nurseries in Belgium. Also Palms, Araucarias, and Bay Trees. C. H. Joosten, Importer, 178 Chambers St., New York.

BAY TREES.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

New Begonia, Gloria De Lorraine, 800 on hand. 2½-in. good, clean and perfectly healthy stock, $12.00 per 100, to close out. Cash with order. Henry T. Conant & Co., 133½ Essex St., Salem, Mass.

Begonia Gloire de Lorraine, 2¼-in. pots, $15.00 per 100. Write for prices on large lots. Stock guaranteed absolutely free from disease. Thomas Roland, Nahant, Mass.

Rex begonias, fine plants ready to pot up, 2-in. $4.00 100; 3-in $5.00 100. N. O. Caswell, Delavan, Ill.

Rex begonias, 3-inch, nice collection, $6.00 100.
VICK & HILL CO., Rochester, N. Y.

Begonias, Pink Vernon, good stock, 4-in., $8.00 100. Hull Floral Co., Morris, Ill.

BOUVARDIAS.

BOUVARDIAS: Rosea Multiflora, Pres. Garfield, Humboldtii, The Bride, Hogarthii, Pres. Cleveland, A. A. Neuner, Double Flavescens, 2-in., $3.00 100. Humboldtii, Pres. Cleveland, Pres. Garfield, Rosea Multiflora, Double Flavescens, Hogarthii, Lanantha, field-grown, $8.00 100. Nanz & Neuner, Louisville, Ky.

BULBS.

Lilium Harrisii. 5-7 $45.00 1000; 7-9 $100.00 1000. Lilium longiflorum, Bermuda-grown, prices same as Harrisii; Japan-grown, retarded, f. o. b. Ischouse New York, 6-8 $35.00 1000, 7-9 $50.00 1000, 9-10 $75.00 1000. Roman hyacinths in fine condition, 12x15 $25.00 100. Narcissus, paper white grandi., 13 and up (mammoth), $9.00 1000. Freesia refracta alba, mammoth bulbs, $7.50 100.
Prices on all other bulbs and plants cheerfully given.
F. W. O. SCHMITZ, Prince Bay, N. Y.

Callas. A few hundred strong bulbs, $5.00 100; some smaller ones $3.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Excelsior Pearl tuberose and Caladium esculentum bulbs. Popular varieties.
Jno. F. Croom & Bro., Magnolia, N. C.

FRENCH FORCING BULBS.
White Roman Hyacinths, sound, clean, 11x15 cm. 35c 12, $2.40 100, $22.00 1000.
White Roman Hyacinths sound, clean, 12x15 cm. 45c 12, $2.60 100, $23.50 1000.
Narcissus, True Grandiflora. Paper White, 13 cm. up, 15c 12, $1.00 100, $8.00 1000.
Freesia, Best White Stock, choice, ⅜-in. up, 5c 12, 40c 100, $3.00 1000. ½-in. up, 10c 12, 60c 100, $4.50 1000. Mammoth, 15c 12, 85c 100, $7.00 1000.
Cyclamen Persicum Gigant. Superb English strain in finest mixture, white, rose, crimson, with red eye, large bulb, $1.00 12, $6.50 100.
Oxalis, Bermuda Buttercup, 1st size, 15c 12, 90c 100, $8.00 1000. 2nd size, 10c 12, 75c 100, $6.00 1000.
Lilium Harrisii, healthy, unblemished stock, 5x7-in., 60c 12, $4.50 100, $44.00 1000. 7x9-in., $1.50 12, $10.50 100, $100.00 1000. 9x11-in., $2.75 12, $20.00 100.
Lil. Candidum, Northern grown, thick petalled, florists' best paying stock, 1st size, 65c 12, $4.75 100, $45.00 1000. 2nd size, 60c 12, $4.50 100, $40.00 1000.
Calla Ethiopica (due August 15th-20th). Our well known Calla stock we handled for 20 years. No disease. 3x5-inch circum., 60c 12, $4.00 100, $35.00 1000. 4x6-inch circum., 75c 12, $5.50 100, $50.00 1000. 5x7-inch circum., $1.00 12, $7.50 100, $70.00 1000. Mammoth (scarce), $1.50 12, $10.00 100.
Our new catalogue will be ready Aug. 15. Send for it.
H. H. Berger & Co., 47 Barclay St., New York.

First consignment of FRENCH bulbs.
White Roman Hyacinths, finest quality, 12 to 15 cms. in circ., $3.00 100; $26.00 1000.
Narcissus Paper White grandiflora, $1.00 100; $9.00 1000.
Callas. We offer an unusually fine stock of these at the following low prices:

	Diameter.	100.	1000.
Extra quality	1⅛ to 1½ inches	$5.00	$40.00
Selected	1½ to 1¾ inches	6.00	50.00
Mammoth	1¾ to 2 inches	8.00	70.00
Exhibition	2 to 3 inches	10.00	....

Lilium Harrisii. Finest selected bulbs, 6 to 7 inches in circ., case (350 bulbs), $17.50, in less quantities, $8.00 100; 7 to 9 inches in circ., case (200 bulbs), $20.00, in less quantities $11.00 100.
Lilium Longiflorum (Bermuda-Grown), 7 to 9 inches in circ., case (200 bulbs), $20.00; in less quantitites, $11.00 100.
Bermuda Buttercup Oxalis, 75c. 100; $6.00 1000.
F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

HOLLAND HYACINTHS, large bulbs for forcing and bedding, equal quantities of red, white, blue, $20.00 1000; all colors, mixed, $18.00 1000.
TULIPS, extra fine mixture, $5.50 1000; separate colors, white yellow, striped red, etc., $6.00 to $8.00 1000.
NARCISSUS, double and single, fine mixture, $7.00 1000.
CROCUS, separate colors, $2.00 1000; mixed, $1.50 1000.
For less than 500 add 10 per cent. Other bulbs and plants cheap.
C. H. JOOSTEN, Importer, 178 Chambers St., New York.

	100	1000
White Roman Hyacinths, 12-15 cms.	$2.50	$23.00
Paper White Grandiflora Narcissus.	1.00	8.50
Freesias (California grown) ½-inch and over .....10c per doz.	.60	5.00

Selected White Callas 1¼-1½ inches in diameter, 75c per doz.; $5.00 per 100; 1½-2 inches in diameter, $1.00 per doz.; $6.00 per 100. 1¾-2½ inches in diameter, $1.50 per doz.; $10.00 per 100.
Send us your order for Dutch Hyacinths, Tulips, Narcissus, etc.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Now ready.	100.	1000.
L. Harrisii, 5x7	$ 4.50	$ 40.00
L. Harrisii, 7x9	11.00	100.00
L. Candidum, 20 cms. and up	5.50	
Callas, 5¼ to 6-in. circ.	7.00	65.00
Callas, 1½ to 5¼-in. circ.	5.50	50.00
Freesias, 1¾ to 2½-in. circ.	.90	8.00
Roman Hyacinths, 12 to 15 cms.	2.50	24.00
Paper White Grandi. 13cms. and up	1.00	8.50
Paper White Grandi. extra large.	1.10	10.00

W. C. BECKERT, Allegheny, Pa.

Lilium Harrisii. Firm, plump bolbs, 5x7-in. $5.00 100, $48.00 1000; 7x9-in. $11.00 100, $105.00 1000. Send for our price list on other bulbs. Walter Mott Seed & Bulb Co., Jamestown, N. Y.

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Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices.
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Caladiums, dry bulbs, best named sorts, 1¼in., $6.00 100, $50.00 1000.
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LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

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50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

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Canna roots, popular varieties.
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CARNATIONS.

CARNATIONS. CARNATIONS. CARNATIONS.
THE BEST FIELD-GROWN STOCK.
Every one a choice selected plant.

	100.	1000.
Mrs. Thos. W. Lawson	$6.00	$50.00
Flora Hill	5.00	45.00
Glacier	5.00	45.00
Bon Homme Richard	5.00	45.00
America	4.00	35.00
Jubilee	4.00	35.00
Daybreak	4.00	35.00
Gen. Gomez	4.00	35.00

Order quickly; plants reserved for later shipment if desired. Terms cash.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$8.00	$70.00	Melba	$5.00	$40.00
Marquis	6.00	50.00	M'Richm'd	5.00	40.00
White Cl'd	6.00	50.00	Scott	5.00	40.00
Hill	6.00	50.00	Pingree	6.00	....
Lord	5.00	40.00	Gold Nugget	6.00	....

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

Field-grown carnations, strong and healthy.

	100		100
Gov. Wolcott	$16.00	Crane	$ 6.00
Prosperity	10.00	Gomez	6.00
Lawson	8.00	Queen Louise	10.00
Morning Glory	6.00	Norway	8.00
Maceo	6.00	Egypt	10.00
Foster	5.00	Flora Hill	6.00
Joost	5.00		

Discount by the thousand. Cash, please.
C. L. HOWE, Dover, N. H.

Carnations from field. Strong, healthy plants.

3500 Lawson.	2000 Glacier.
2000 Crane.	1000 M. Glory.
4000 White Cloud.	700 Lord.
4500 Triumph.	150 Irene.
2000 Joost.	300 Marquis.
1000 Maceo.	200 Norway.

First size, $8.00 100; second size, $5.00 100.
300 Prosperity and 200 Lorna, $10.00 100.
W. J. & M. S. VESEY, Fort Wayne, Ind.

Carnations, fine field-grown plants:

	100.	1000
Mrs. Thos. W. Lawson	$6.00	$50.00
Ethel Crocker	5.00	45.00
Jubilee	4.00	35.00
Wm. Scott	4.00	35.00
Genevieve Lord	4.00	35.00

S. T. DANLEY, Macomb, Ill.

Field-grown carnations; fine, strong, healthy plants:

	100	1000		100	1000
Lawson	$7.00	$60.00	Lord	5.00	40.00
Bradt	7.00	60.00	Norway	5.00	40.00
Marquis	5.00	40.00	Prosperity	5.00	40.00
White Cloud	5.00	40.00			

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1000 fine field-grown carnations. Crane, Joost, Norway, Mrs. Bradt, White Cloud, and a few others, $5.00 100. Cash with order. Speak quick if you want them. No better plants in the market for the money.
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FIELD-GROWN CARNATIONS. 200 Marquis, 700 Norway, 800 Lawson, 400 Queen Louise, $6.00 100. 3000 Flora Hill, 1000 Crane, 800 Triumph, 800 Daybreak, $5 00 100, $45.00 1000.
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Carnations from field, 400 Crocker and 100 Daybreak, $4.00 100. Cash. Jos. H. Cunningham, Delaware, O.

CRESSBROOK carnations from field, nice, strong plants, $10.00 100, $75.00 1000.
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Prosperity, $8.00; Daybreak, $4.00 100. Strong, healthy plants. Carl Rauth, Springfield, Ill.

Carnations, strong field-grown plants:

	100		100
Maceo	$5.00	Scott	$5.00
F. Joost	5.00	W. Cloud	5.00

GOODENOUGH, the most profitable white, $7.00 100. Write for prices on large lots.
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Let us know your wants on carnation plants—we prepay express charges. California Carnation Co., Loomis, Cal.

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For a good all-round pink take Joost. A1 plants, $6.00 100, $50.00 1000.
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1700 field-grown LAWSON, strictly first-class, $60.00 1000.
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Carnations. Send to us for prices on what you need.
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We can still furnish the following from 2½-in. pots. They are well-established, thrifty young plants ready for immediate shipment:

Yellow.	Per 100.	Pink	Per 100.
Col. Appleton	$4.00	Orizaba	$6.00
Philadelphia	5.00	Mary Hill	4.00
Roht. Halliday	3.00	Lady Playfair	2.50
Golden Wedding	4.00	Xeno	3.00
R. H. Pierson	6.00	Maud Dean	4.00
Yellow Mayflower	3.00	Yanariva	6.00
Mrs. E. D. Smith	4.00	V.-Morel	4.00
October Sunshine	3.00	Adele	3.00
Mrs. Whilldin	2.50	Lady Harriett	4.00
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Modesto	3.00	Red and Bronze.	
E. Dailledouze	3.00	G. W. Childs	4.00
H. A. Parr	2.50	Intensity	4.00
Major Bonnaffon	3.00	John Pockett	6.00
Nagoya	3.00	Lady Anglesly	4.00
White.		White.	
T. Eaton	4.00	Willow Brook	3.00
Ivory	3.00	Nellie Pockett	4.00
Polly Rose	3.00	Niveus	3.00
Mayflower	3.00	G. S. Kalb	2.50
M. Monarch	2.50	Mrs. J. Jones	3.00
Queen	3.00	Mrs. H. Weeks	3.00
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Our selection of standard varieties, early, midseason and late, $20.00 per 1000; $2.00 per 100. Reduction on large orders.
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Chrysanthemums, 2½-in. $2.00 100, $20.00 1000; rooted cuttings, $13.00 1000. White—Eaton, Bonnaffon, Fitzwygram, Kalb, Bergmann, Ivory, Robinson, Queen.
Yellow—Parr, Sunshine, Fitzwygram, Jones, Trophy, Pennsylvania, Appleton, Hurrell, Bassett, Lincoln, Whilldin.
Pink—Pacific, Perrin, Morel, Murdock, Montmort, Autumn Glory, Ivory.
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Subject to being sold on receipt of order.
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Chrysanthemums. W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Park, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.
Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
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Nice young stock, 2¼-in. pots, your selection, $2.50 100.
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Positively the last call for mums. To close out, 100 Timothy Eaton and 100 mixed, $2.00 100. Fine plants. Cash. Gunnar Teilmann, Marion, Ind.

Chrysanthemums, good, clean, fresh stuff not drawn and not dried up: Niveus, White and Yellow Jones, Frank Hardy, Glory of Pacific, Merry Monarch, Col. Appleton, Bonnaffon, White Ivory, O. P. Bassett, W. H. Lincoln, Golden Wedding, Robinson, Mrs. Weeks, and Mrs. Murdock, 2½-in., $2.00 100, $18.00 1000. Cash with order.
CRITCHELL'S, Avondale, Cincinnati, O.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western King, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.
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Chrysanthemums Cullingfordii, Eureka, Woodford, Minerva, Mrs. J. Jones, Mrs. J. G. Whilldin, Modesto, Mrs. H. Weeks, Mrs. S. T. Murdock, Mrs. O. P. Bassett and others, $2 100; 1,000, our selection, for $15; cash.
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Chrysanthemums, 30 of the best standard and new varieties. No. 1 plants, 2½-in. $2.50, 3½ and 4-in. $5.00, 5-in., fine bushy plants, $10.00 per 100. Friederichsen Bros., Wilton Junction, Iowa.

Chrysanthemums in the leading varieties from 3½ and 4-in. pots, ready for repotting. Our selection, $6.00 per 100. Cash with order. Mrs. Thomas Lawrence, Ogdensburg, N. Y.

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Cinerarias, 2-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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Large-flowering clematis. Finest purple, white, lavender, and pink sorts, 2-yr., 5-in., 18c; 1-yr., 3-in., 9c. Clematis paniculata, 2-yr., 5-in., 10c; extra, 6-in., 18c. W. H. Salter, Rochester, N. Y.

Clematis Jackmani, 4-in., $5.00 doz. Clematis paniculata, 4-in., $3.00 doz. Bobbink & Atkins, Rutherford, N. J.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

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Coleus stock plants, including Golden Bedder, Verschaffeltii, Fire Brand, Park Beauty, Nellie Grant, Bismark, Butterfly, and others; 2½-in. pots, short growth, $1.50 100, $10.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

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Cyclamen Persicum Splendens Giganteum. Finest strain in the world, in four true colors, well-grown plants, from 2½-in. pots, $4.00 per 100; $35.00 per 1000. Extra selected, $5.00 per 100; $40.00 per 1000. Satisfaction guaranteed. Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, extra fine strain and plants; in separate colors; 4-in., $12.00, 5-in., $25.00 100. Asparagus plumosus, 3-in., $7.00 100. A. Sprengeri, field-grown, fine heads, $5.00 100. C. Winterich, Defiance, Ohio.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100. Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum or persicum, ready to shift for Christmas blooming, 3-in., $5.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, fine strain, 3-in. $8.00 100, 2½-in. $4.00 100. A. Balmer, Montclair, Colo.

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Cyclamen, 2½-in., stocky plants, $3.00 100. Converse Greenhouses, Webster, Mass.

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Burbank's Shasta daisy, strong 3-in., $15.00 100. Express paid.
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200 Dracaena indivisa, 6-in. pots, 3 ft. 6 in. high, fall heads, fine for vases, $15.00 per 100; $2.00 per doz. Ruxton Floral and Nursery Co., Ruxton, Md.

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FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.

ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.

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Ferns in flats. The most advantageous way to buy in a stock of ferns at a little cost. Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting. We can furnish these ferns, grown separately, each flat containing any one of the following sorts, ferns all good salable varieties. Pteris Wimsettii, P. Gilbertii, P. magnifica, P. serrulata, P. cristoloba, P. cretica albo-lineata, P. adiantoides, P. Mayii, Adiantum cuneatum, Aspidium tensimense. Price per flat $2.00.

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NEPHROLEPIS EXALTATA.

	Each.	Ten.	100.
3-in. pots	$.05	$0.40	$3.00
4-in. pots	.08	.75	7.00
5-in. pots, Bostoniensis	.22	2.10	
6-in. pots, Bostoniensis	.35	3.20	
7-in. pots, Bostoniensis	.55	5.20	
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12-in. pans, Bostoniensis	2.00		

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Jardiniere Ferns, leading varieties in assortment, extra good stock from large flats, $1.50 per 100.

Boston Ferns, ready for 5 and 6-inch pots, $25.00 per 100. Sample plants, 40 cts. each. Ten per cent discount on large orders. Cash with order.

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DREER'S FINE FERNS. Now is the time to lay in your supply of ferns. We have in stock over 500,000 plants grown in open frames, well-hardened, and in prime condition to grow for the coming season's use. For varieties and prices see displayed adv. in this issue.

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Boston ferns, strong, 3 to 5 fronds, ready for 3-in. pots, $1.50 100; $10.00 1000. Nephrolepis cordata compacta, size and price of above. N. rufescens tripinnatifida (ostrich plume), small, $3.00 100, 50 and 500 at 100 and 1000 rates. F. O. B. Cash with order. Samples 10c. A. L. Hatch, Rockledge, Fla.

50,000 Boston ferns. I make a specialty of N. Exaltata Bostoniensis. Small plants, $5.00 to $10.00 per 100, taken from the bench.

Assorted ferns, for dishes, $3.00 to $5.00 per 100. W. A. Bock, N. Cambridge, Mass.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.

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Ferns. I have at all times a nice collection of Ferns in 2¼-in. pots, suitable for fern dishes, etc., at $3.00 per 100. From flats at $10.00 per 1000. H. Weston, Hempstead, N. Y.

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FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.

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Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000.

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Ferns for fern dishes, 2 and 2½-in. pots, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 6-in. pots, 40c.

Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Boston ferns, 25 8-in., to close out, $1.00 each. Cash. Livingston Seed Co., Columbus, Ohio.

Boston ferns from 4-in. pots and up. Write Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 3½-in., $5.00 100. Cash.

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Maidenhair ferns, 3-in. $5.00 100.

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New Myosotis palustris semperflorens gr. Nixenange, $1.00 per 100. Samples with bloom, 10c. G. Lotze Glen Burnie, Md.

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Geraniums, strictly high-grade varieties, true to name, from 2½-in. pots: Jean Viaud, the pink novelty, and Duchess of Orleans, the variegated wonder, $3.00 100; Nutt, Poitevine, Perkins, Hill, Bruant, Jaulin, Athlete, Morton; Meehan, Kellway and others, $2.00 100, $18.00 1000. Buckley Plant Co., Springfield, Ill.

Geraniums, Sheridan, King of the Scarlets, Nutt, Mrs. Bruant, La Favorite, Naomi, Mme. Salleroi—all named sorts—2½ and 3-in. pots, $1.50 100, $12.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

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Apple geraniums, 200 in 4-in. pots, fine plants, $10.00 per 100. Cash. Mills, The Florist, Jacksonville, Fla.

Geraniums, 2½-in. Named, my selection, newer sorts, $3.00 100. E. J. Cloud, Avondale, Pa.

Geraniums; good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.

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Cut Gladioli Spikes, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.

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Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

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Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $35.00 per 1000.

We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.

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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.

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ALL HOLLAND NURSERY STOCK.
ENDTZ, VAN NES & CO.,
BOSKOOP. Catalogue free. HOLLAND.

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Heliotropes, 2 and 3-in. Mme. Bruant, the finest heliotrope for pot sales and bedding. N. O. Caswell, Delavan, Ill.

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500 hibiscus in 2½ to 4-in. pots.

Write Geo. A. Kuhl, Pekin, Ill.

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Japan Gold-leaf honeysuckle, fine 3 and 4-in., 10c. W. H. Salter, Rochester, N. Y.

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English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

500 English ivies. From field, 2 to 3 leads each, 18 to 24-in. long, $6.00 per 100. Frank H. Kimberly New Haven, Conn.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.

Isaac H. Moss, Govanstown, Baltimore, Md.

English Ivy, 2½-in., fine, $3.00 100. Cash.

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At all times, extra fine CUT BLOOMS of Lily of the Valley, $3.00 per 100. Cash must accompany orders. Anton Schultheis, Box 78, College Point, L. I., N. Y.

Extra fine VALLEY, $4.00 to $5.00 per 100.

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Moonvine stock plants; best early blooming varieties, 3-in. pots, $5.00 100. Cash with order. Critchell's, Avondale, Cincinnati, O.

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English Milltrack mushroom spawn from a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Mushroom spawn, very vigorous, gives extra large and heavy mushrooms. Paul Swanson, 2747 47th St., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

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Oranges and Kum Kwats, grafted, 10-12 in., bushy, $20.00 100.

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Orchids. PHALAENOPSIS, largest stock in America: Amabilis, Amethystina, Leucorhoda, Luddemannia, Rosea, Schilleriana, Stuartiana, all sizes, established, and newly imported. Saccalobium guttata and violacea, Vanda lamellata, Odont. crispum, about 100 plants at $1.50 each. Cattleyas, all varieties. Write for prices.

B. Schiffmann, M. D., St. Paul, Minn.

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

PÆONIES.

We shall have, for September delivery, a limited quantity of choice paeonies suitable for commercial cut flower work. Varieties and prices on application. The Cottage Gardens, Queens, L. I., N. Y.

Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

HIGH-GRADE PAEONIES.

C. S. Harrison's Select Nursery, York, Neb.

PAEONIES—September shipments.

J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

KENTIA BELMOREANA, 12-15-in., 4-5 char. lvs., 4-in. pots, $20.00 100, $180.00 1000; 15-18-in., 5-6 char. lvs., 4-in. pots, $25.00 100.

LATANIA BORBONICA, 12-15-in., 2 char. lvs., 4-in. pots, $15.00 100.

Pandanus Utilis, 12-15-in., stocky, 4-in. pots, $20.00 100; 18-in., stocky, 5-in. pots, $25.00 100.

PHOENIX FARINIFERA, RECLINATA, and PUMILA, 12-15-in., 4-in. pots, $15.00 100; 15-18-in., several lvs. showing character, 5-in. pots, $25.00 100.

PHOENIX RUPICOLA, 18-24-in., several char. lvs., 5-in. pots, $35.00 100.

ARECA LUTESCENS, 24-30-in., 5-in. pots, $30.00 100.

FICUS ELASTICA, 10-12-in., top cuttings, $20.00 100.

Not less than 50 of a kind at above prices.

P. J. BERCKMANS CO., Augusta, Ga.

Kentias Belmoreana and Forsteriana, 4-in. pots, $6.00 per doz; 7-in. pots, $2.00 to $2.50 each; larger plants, $3.00 to $15.00 each. Small Kentias, 2½-in. pots, $10.00 per 100. W. A. Bock, N. Cambridge, Mass.

We have the largest stock of palms in the world; unsurpassed in quality and price; all sizes from 1 ft. to 20 ft. Don't place your order before you get our prices.

Siebrecht & Son, New Rochelle, N. Y.

Crotons, about 20 varieties, 3-in. pots, strong, 6 to 8 inches, $7.00 100, 50 at 100 rate. F. O. B. Cash with order. Samples 10c.

A. L. Hatch, Rockledge, Fla.

Kentias, good, 50c, 75c and $1.00 each.

L. H. Foster, 45 King St., Dorchester, Mass.

BALL'S PALMS. Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.
KENTIA BELMOREANA, 2½-in. $4.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 5-in. 75c, 6-in. $1.00 and $1.25, 7-in. $1.50, 8-in. $2.00 each. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $2.50, 9-in. $3.00, 10-in. $4.00, $5.00, $6.00 and $7.50.
KENTIA FORSTERIANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 6-in. 75c. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $3.00.
ARECA LUTESCENS, 2½-in. $6.00, 3-in. $10.00, 4-in. $17.50 per 100. Several in a pot, very bushy, 6-in. 50c, 75c and $1.00, 8-in. $2.00 and $3.00, 10-in. $4.00 and $5.00, 12-in. $7.50.
LATANIA BORBONICA, 2½-in. $4.00, 3-in. $8.00 per 100, 4-in. strong 25c, 6-in. 50c, 8-in. $1.50.
PHOENIX CANARIENSIS, 8-in. pots at $2.00 and $2.50, 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.
ARAUCARIA EXCELSA, 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.00.
ARAUCARIA ROBUSTA COMPACTA, 16 to 18-in. high, 3 to 4 tiers, $2.00; 18 to 20-in. high, 4 tiers, $2.50.
PANDANUS VEITCHII, 6-in. at $1.00.
PANDANUS UTILIS, 4-in. 20c, 6-in. 50c, and 75c, 8-in. $1.00.
COCOS WEDDELLIANA, FICUS ELASTICA, DRACAENA SANDERIANA, ETC.
Descriptive price list on application.
CHAS. D. BALL, Holmesburg, Philadelphia.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Each.	100
3 plants	6	20-22	$0.75	$75.00
3 plants	6	24-26	1.00	100.00
3 plants	8	30-36	3.00	....
3 plants	10	42-45	5.00	....

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high	Each.	12
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00
8	6-7	30-32	3.00	36.00
8	6-7	36-40	4.00	....

JOS. HEACOCK, Wyncote, Pa.

Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right.
Julius Roehrs, Rutherford, N. J.

I have 15 large houses full of FINE PALMS, ferns, asparagus, and Adiantum farleyense. Send for price list.
A. N. PIERSON, Cromwell, Conn.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots, 75c. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

For sale, a good specimen plant of Phoenix tenuis, about 8 ft. high and 6 ft. across, for $25.00. W. T. Bell & Sons, Franklin, Pa.

Large stock—all sizes and varieties.
Send for PALM catalogue.
C. C. POLLWORTH CO., Milwaukee, Wis.

Latania borbonica, for growing on, fine, 3-in., $6.00 100. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Zirngiebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirngiebel, Needham, Mass.

Pansy plants from the famous Jennings' strain of seed, ready Sept. 1, at $4.00 1000. E. B. Jennings, Southport, Conn.

PEPPERS.

1000 3-in. Celestial Peppers, fine, bushy plants, several times branched; equal to the best; a fine seller for Christmas and the holidays. $8.00 per 100. D. U. Augspurger & Sons, Peoria, Ill.

Capsicum annuum, "celestial" pepper, 2¼-in. $2.00 100. S. Muir, 3330 Mich. Ave., Chicago.

POINSETTIAS.

500 2-year POINSETTIAS, one shoot, $10.00 per 100. John Breitmeyer's Sons, Detroit, Mich.

PRIMULAS.

Improved Chinese primroses, finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-in. $2.00 100. Extras added liberally. Cash. John F. Rupp, Shiremanstown, Pa.

Primula obconica grandiflora, alba and rosea (mixed only), very strong, 2-in. $2.00 100; 3-in., very strong, ready for 4 or 5-in., $5.00 100. N. O. Caswell, Delavan, Ill.

Obconica Grandiflora, Alba and Rosea, and Baby Primroses (Forbesii), 2-in. pots, $2.00 per 100. Cash. Byer Bros., Chambersburg, Pa.

Primroses, Chinese, fringed, and obconica, 2¼-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primroses, Chinese, Obconica grandiflora and Forbesi, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Primroses, 2½-inch pots, fine strain, $3.50 per 100. W. A. Bock, N. Cambridge, Mass.

Baby primroses, 2½-inch, $3.00 100.
VICK & HILL CO., Rochester, N. Y.

ROSES.

Roses for winter flowering.
IVORY (American Rose Co.'s stock), $9.00 100.

Golden Gates.	Perles.
Gontiers.	Beauties.
Safranos.	Mme. Hoste.
Brides.	

3 inch pots, $6.00 per 100.
GRAFTED ROSES. Golden Gates, very fine, $12.00 100; Bridesmaids, 3½-in., $12.00 100.
J. L. DILLON, Bloomsburg, Pa.

Rose plants, extra fine, for winter bloom.

	100	1000
1500 Golden Gates, 3-in.	$5.00	$40.00
1500 Meteors, 3-in.	5.00	40.00
1500 Kaiserins, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order.
S. ALFRED BAUR, Erie, Pa.

SPECIAL low prices to make room:
Beauties, 3-inch.....$50.00 per 1000
Brides and Maids, 3-inch..... 40.00 per 1000
Perles and Kaiserins..... 50.00 per 1000
Meteors..... 30.00 per 1000
Brides and Maids, 2x3-inch..... 25.00 per 1000
NOTE THIS OFFER: 100 at 1000 rate.
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SURPLUS ROSES. We have 200 Meteors, 500 Brides, 800 Maids, 700 Liberties, 500 Golden Gates, 150 Siebrechts, in 2 by 2½-inch pots; 1600 Brides, 500 Kaiserins, 300 Perles, 200 Golden Gates and 300 Siebrechts in 2½ by 3-inch pots; 700 Golden Gates in 3 by 3-inch pots. For a bargain, write Geo. A. Kuhl, Pekin, Ill.

ROSE PLANTS—SPLENDID STOCK.

Golden Gates 3-in.	$5.00 per 100
Maids, 3-in.	5.00 per 100
Brides, 3-in.	5.00 per 100
Kaiserins, 3-in.	7.00 per 100
Beauties, 3-in.	8.00 per 100

A. C. BROWN, Springfield, Ill.

Roses, very select; private stock, offered to make room:
1000 Brides, 3-in.....$3.00 per 100
200 Golden Gates, 3-in..... 3.00 per 100
Cash with order.
STUART & HAUGH, Anderson, Ind.

Roses. Beauties, 2¼-in. $3.50, 3-in. $5.00 100. Gates, 2¼-in. $3.00 100, $25.00 1000. 3-in. Maids, $40.00 1000. 3-in. Meteors, $35.00 1000. Subject to being sold on receipt of order. Pochlmann Bros., Morton Grove, Ill.

ROSE BUDS. Leading varieties of Hybrid Perpetuals and Mosses. Price: $3.50 per 1000; $15.00 per 5000. Orders under $3.00 not acceptable. Huntsville Wholesale Nurseries, Huntsville, Ala.

Roses. Surplus stock, grown for own planting. Clean, strong stuff. 400 Bridesmaids, 400 Brides, 100 Perles, 75 Wootton, 3½-in. pots, $5.00 per 100. Cash.
JOHN WHITE, Elizabeth, N. J.

Roses. 1000 Maids and 1000 Perles, 3-in., $4.00 100. Good strong plants for immediate planting. Cash with order. R. Williamson, Weehawken, P. O., North Bergen, N. J.

Roses. Brides and Bridesmaids, 2½-in., $3.00 100. Meteors, 3-in., $3.50 100. Golden Gates and Kaiserins, 4-in., $8.00 100. Cash.
W. J. & M. S. VESEY, Fort Wayne, Ind.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Left over Bridesmaids, Golden Gate and Bride roses at $4.00 per 100; $30.00 per 1000. J. R. Freeman, 612 15th St., N. W., Washington, D. C.

Brides, Bridesmaids and Meteors, 3-in., $3.00 100, $25.00 1000. Elegant stock—never offered better. Cash. Brant & Noe, Forest Glen, Chicago.

MANETTI stock. English, $12.00 1000; French, $10.00 1000. Special price on large quantities. Bobbink & Atkins, Rutherford, N. J.

Kaiserin roses, nice 3-in. plants, $5.00 per 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Manetti stocks for fall delivery.
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Roses. Strong, well-rooted plants, from 3½-inch pots, Bride and Bridesmaid, $5.00 per 100. E. R. Fry Florist Co., Rochester, N. Y.

Roses. Bride and Bridesmaid, from 4-in. pots, good plants, $5.00 per 100; $40.00 per 1000. J. A. Cosgrove, Madison, N. J.

Golden Gate roses, fine plants, 3-in. pots, $4.00 per 100; $35.00 per 1000. Ruxton Floral and Nursery Co., Ruxton, Md.

Bridesmaids, 3½-inch plants, strong healthy stock, $5.00 per 100, $40.00 per 1000. Edw. J. Taylor, Southport, Conn.

Crimson Rambler, C. des Blanches, C. Soupert, etc., fine, clean plants, 9c. W. H. Salter, Rochester, N. Y.

IVORY ROSES. Fine strong 4-in. pot plants, $15.00 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Bride and Maid roses, 3-in., $3.00 per 100, $30.00 per 1000. Cash with order.
ALBERT F. AMLING, Maywood, Ill.

Write us for prices on field-grown roses. Nanz & Neuner, Louisville, Ky.

RUBBERS.

Ficus elastica, 18 to 24-in. high, 6-in. pots, $4.00 and $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Rubber plants, 5-in. pots, 18-in. high, $3.00 and $4.00 per doz. William A. Bock, No. Cambridge, Mass.

Top cuttings of Rubbers, 5 to 8 leaves, well rooted, out of 3-in. pots, $15.00 per 100.
A. C. OELSCHIG, Savannah, Ga.

FICUS. We have a large stock and its fine. Send for price list.
A. N. PIERSON, Cromwell, Conn.

SEEDS.

Pansy seed. Sow now. Berger's Never-fail Mixture, our own selection of the finest strains, all sorts, all colors, 1000 seeds, 25c; 5000 seeds, $1.00; 1 oz., $2.50.
Pansies in separate colors, white, black, yellow, red, blue, copper, bronze, violet, purple, four colors, etc., 1000 seeds, 25c; 5000 seeds, $1.00; 1 oz., $2.00.
Cassier, Bugnot, Odier, Trimardeau, 1000 seeds, 25c; 5000 seeds, $1.00; 1 oz., $2.50.
Any favorite named sort in stock.
Calceolaria and Cineraria Seeds, pkt. 500 seeds, 25c; 5 pkts., $1.00.
Our new catalogue ready August 15th. Send postal if it is not mailed to you.
H. H. Berger & Co., 47 Barclay St., New York.

Pansy seed that comes true to description.

	¼ oz.
Finest French Giant-Flowered Strains	$1.00
Finest German Strains	1.00
Bordered, Large-Flowered German	1.00
Finest Velvety, rich colors	1.00
Finest Dark Yellow, three-spotted	1.00
Woodbury, White, best large-flowered	1.50
Woodbury's Special Mixture	1.25

Trade packet of any of above, 50 cts.
DAVID B. WOODBURY, Pansy Specialist, So. Paris, Me.

CHRISTMAS FLOWERING SWEET PEA SEEDS
Miss Fl. E. Denzer, large pure white flower, 1 pkt. (2 oz.), $1.50; 8 pkts. (1 lb.), $10.00; mailed free. ZVOLANEK'S CHRISTMAS, the well-known pink and white, 1 lb. $4.00. Both varieties, if sown first of September, will bloom in November and flower all winter until June.
Mont Blanc (European), $2.00 lb., and all other select florists' sweet pea seed at low prices.
ANT. C. ZVOLANEK, Grand View, N. J.

Pansy seed. Roemer's Superb Prize Pansies. The World's Best. New crop now ready. My own growing. This mixture comprises the choicest strains of Pansies grown, all the new shades and richest colors are included, and for beauty, variety of color, size of flower, and perfection of form is unsurpassed. Mixed, per pkt. of 3000 seeds, $1.00; ¼ oz., $1.50; ½ oz. $2.5); 1 oz., $5.00. Cash with order.
PETER BROWN, Lancaster, Pa.

Giant Pansy seed, large-flowering varieties, 5000 seeds, $1.00; half pkt., 50c. Cinerarias, finest dwarf, 1000 seeds, 50c. Calceolaria, dwarf, large-flowering, tigered and spotted, 1000 seeds, 50c. Chinese primrose, finest grown, large-flowered, fringed, single and double, 15 var., mixed, 500 seeds, $1.00; half pkt., 50c. Daisy, double giant, white and rose, mixed or sepsrate, 1000 seeds, 25c. Cash. A pkt. of new ever-blooming forget-me-not, "Constance," added to every order.
John F. Rupp, Shiremanstown, Pa.

Pedigreed seed from Rosecroft Gardens. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

SEEDS—Continued.

PANSY SEED. Mammoth Butterfly, very fine, 1000 seeds 25c. Choice named varieties, ⅛ oz. 75c, ¼ oz. $2.50, oz. $4.00. Extra choice mixture, 20 varieties, trade pkt. 35c, oz. $4.00. Giant Trimardeau, high-grade mixture, oz. 75c. Giant Trimardeau, named colors, 20 var., 75c to $4.00 oz. Above are imported direct from best growers. Seed all tested.
J. C. MURRAY, Seedsman, Peoria, Ill.

Imperial Pansy. Finest Giant Flower in all shades and colors, oz., $2.00.; Pkt., 25 cts. Cryptomeria Japonica, the Japan Araucaria, 1000 seeds, $1.50; pkt., 25 cts. Primula chin. fimb. glob., in colors or mixed, pkt., 25 cts. Cineraria, by prize strains, pkt., 25c. Hollyhocks, Chat. prize strains, mixed, oz., $1.25; pkt., 25c. SHELLROAD GREENHOUSES, Grange P. O., Baltimore, Md.

PANSY SEEDS. The famous DIAMOND STRAIN. The best strain for florists, large size, perfect form, thick velvety petals, and greatest variety of rich and odd colors and markings. All varieties mixed; trade packet, $1.00; ¼ oz., $1.50; ½ oz., $2.50; 1 oz., $5.00. Cash with order.
PANSIES a SPECIALTY for over 25 years.
L. W. GOODELL, Pansy Park, Dwight, Mass.

Hollyhocks, double, white and yellow, such as are used by florists. Sweet William, Hunt's finest auriculaefolia. Digitalis or Foxglove, in 12 varieties mixed. Delphinium, tall-growing, 6 to 8 ft., extra fine spikes, all shades of blue and purple. Lobelia cardinalis, finest of all herbaceous plants, trade pkt., 10c. C. Long, 277 Jefferson Ave., Rochester, N. Y.

Pansy—J. & S. Kingly Collection. The finest strain of Giant Pansies now offered to the trade. It will please the most critical grower with its immense size, perfection of form, great substance and rich colors. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; per oz., $5.00.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Cyclamen persicum seed, $4.00 1000 seeds. Asparagus Sprengeri seed, $1.75 1000 seeds. Prize strain pansy seed, Bugnot, Cassier and Odier mixed, or Giant Trimardeau, $2.00 oz. All fresh seed. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

New crop PANSY seed of the famous JENNINGS' strain now ready. Finest mixed pkt. $1.00; ½ oz. $3.00; oz. $5.00. Separate colors, red, white, blue, yellow and black, 50c pkt. Cash. E. B. Jennings, Box 254, Southport, Conn.

Florists' Mignonette. FOTTLER'S ECLIPSE is the finest strain ever offered; immense spikes, very fragrant, and highly colored. Greenhouse-grown seed, $1.00 per trade pkt. of about 2000 seeds. Catalogue on application.
SCHLEGEL & FOTTLER CO., Boston, Mass.

New crop pansy seed—Superb show mixture, ¼ oz. 75c, oz. $5.00. Finest giant strains, oz. $2.50; in mixture, oz. $2.00. Cineraria seed—Giant prize, mixed, trade pkt. 75c. New large-flowered, striped, pkt. 25c.
W. C. BECKERT, Allegheny, Pa.

Forget-me-not. Myosotis Alpestris Victoria. Dwarf variety. Best for spring sales. Trade pkt. 20 cts; oz., $1.00. Wholesale bulb list on application. D. Landreth & Sons, 1217 Market St., Philadelphia, Pa.

Fresh double HOLLYHOCK seed, white, pink, red, black, maroon and yellow, 10c per pkt. Allegheny, 15c per pkt. One pkt. each of the 7 varieties for 50c. Harvey B. Snow, Camden, New York.

New seed of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 5000, $30.00 10,000 seeds. Asparagus Sprengeri seed, $1.50 1000. Express prepaid. California Carnation Co., Loomis, Cal.

Pansy seed. Lehde's pansies are pronounced the finest on the Buffalo market; large size, varied and rich colors. New crop seed. ¼ oz., $1.00; oz., $3.00. J. G. Lehde, Forks, N. Y.

Cyclamen glg. seeds. Our own well-known strain. In separate colors, $7.00 per 1000 seeds, 75c per 100 seeds. Lehnig & Winnefeld, Hackensack, N. J.

PANSY SEED—New crop—My own saving—Every possible color, shade and marking—oz. $4.00; ¼ oz. $1.00.
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Wholesale price lists for florists and market gardeners.
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Sweet pea seed (Christmas), winter bloomer, 35c oz., postpaid. H. M. Fitch, Mystic, Conn.

Zirngiebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirngiebel, Needham, Mass.

SMILAX.

Smilax, 5-6 feet long, heavy strings, 12½ cts. per string. Send for price on large quantity. Freeking & Fink, 1200 East Hamilton Ave., Trenton, N. J.

Smilax, fine large plants, ready to run, 2-in. $1.00 100; extra fine, 2½-in. $2.00 100. Cash. Sample by mail, 15c. W. H. Woerner, Elwood, Ind.

Smilax. Big, strong plants ready to run; they are fine and will surely please you, $1.50 100; $13.00 1000. C. Humfeld, Clay Center, Kan.

Smilax. 3000 strong 2½-in. pots, been cut back twice, $2.00 per 100; $15.00 per 1000. Cash with order. H. P. Owen, Toughkenamon, Pa.

We are HEADQUARTERS for SMILAX. Strictly first-class stock from 2¼-in. pots $1.25 100, $10.00 1000. Cash.
BUCKLEY PLANT CO., Springfield, Ill.

SMILAX—SPECIAL PRICE.
From 2½-in. pots, $1.25 100, $10.00 1000.
B. FRANK BARR, Lancaster, Pa.

2000 smilax clumps, 1 year old, $10.00 per 1000; $1.25 per 100. Cash with order. H. P. Owen, Toughkenamon, Pa.

Smilax, 2-in., strong, bushy plants, $1.00 100, $9.00 1000. Cash, please. Mail sample, 10c. R. Kilbourn, Clinton, N. Y.

Fine smilax, cut back; 2-in., $2.00 per 100; $18.00 per 1000. Joseph Wood, Spring Valley, N. Y.

Smilax, strong, ready to branch, 2-in. $1.00 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Smilax. Fine stocky plants, 40 cts. per 100; $3.00 per 1000. Out of 2¼-in., $1.00 per 100.
J. C. Schmidt, Bristol, Pa.

Smilax plants, 1200 3-in., strong, bushy plants, $2.00 per 100; $15.00 for the 1200.
Geo. Broadrup, Dayton, Ohio.

Smilax, 2-in. $1.50 100, $12.50 1000; 3-in. $3.00 100, $25.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

Smilax, strong 2½-in. ready to bench, $2.00 per 100.
LEARNARD & SHIRLEY, Danvers, Mass.

Smilax, extra strong; 2½-in. pots, $1.50 per 100. Samuel S. Peckham, Fairhaven, Mass.

Smilax ready for benching, 2½-in. $1.00 100, $10.00 1000. John Brod, Niles Center, Ill.

Smilax, fine plants, 2½-in., 2 plants in a pot, $2.00 100. T. D. Brown, Adams, Mass.

Smilax, strong heavy 1 year plants, $3.00 100. F. A. Baller, Bloomington, Ill.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C Betscher, Canal Dover, O.

SMILAX, 2000 strong 2½-in. $15.00 1000, $2.00 100. Murray The Florist, Peoria, Ill.

Smilax, 2-inch, strong, 75 cts. per 100. M. J. Coventry, Fort Scott, Kans.

Smilax, from flats, $1.00 per 100. Edw. J. Taylor, Southport, Conn.

Fine 3-in. smilax, 200 for $3.50. Cash.
Roney Bros., West Grove, Pa.

SMILAX, cut strings, good, $12.00 per 100.
EVENDEN BROS., Williamsport, Pa.

5000 smilax to close out cheap. Write
Geo. A. Kuhl, Pekin, Ill.

Smilax, strong plants, $1.50 per 100.
C. L. Reese, Springfield, Ohio.

1500 field-grown smilax, $3.00 100.
E. J. Cloud, Avondale, Pa.

Smilax, good, 2½-in., $2.00 100.
Harry White, R. R. No. 6, Wabash, Ind.

Smilax, 2 in., strong, $1.50 100.
Albert M. Herr, Lancaster, Pa.

Smilax, 2-in., $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

STEVIAS.

Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Stevia, fine plants, 3-in. $2.50 100.
Crabb & Hunter, Grand Rapids, Mich.

STRAWBERRY PLANTS.

Clyde and Warfield, most reliable sorts (immense croppers). Well-established young plants from pots, planted now and in August warranted to produce a full crop of the finest berries next spring, 50c per doz.; $3.00 per 100. F. A. Baller, Bloomington, Ill.

For the best POT-GROWN strawberry plants send to Wilfrid Wheeler, Concord, Mass.

SWAINSONAS

Swainsona, 3-in. $8.00 100.
Crabb & Hunter, Grand Rapids, Mich.

UMBRELLA PLANTS.

Umbrella plants. Fine, 3-in., $4.00 per 100.
W. W. Dedrick, Ashley, Ind.

Cyperus, very strong, 3-in., $3.00 per 100; 2½-inch, $2.00 per 100. J. S. Bloom, Riegelsville, Pa.

VEGETABLE PLANTS.

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field-grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.
KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.
LEEK—15c per 100; $1.00 per 1000.
PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.
CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grand, Winter Queen and other varieties, 15c per 100; $1.00 per 1000.
If by mail add 10c per 100. Cash with order.
R. VINCENT, JR. & SON, White Marsh, Md.

CELERY PLANTS, STRONG TRANSPLANTED PLANTS, well-hardened, reduced to $1.50 1000, 20c 100; 10,000 for $12.50. Liberal reduction on large lots. Write us. White Plume, G Self-Blanching, Golden Heart and Boston Market, Veitch's Autumn Giant cauliflower, field-grown, same price. Cash, please. Sample by mail 10c. R. Kilbourn, Clinton, N. Y.

150,000 CELERY PLANTS, cultivated and strong. Giant Pascal, Schumacher, Winter Queen, Perf. Heartwell, Fin de Siecle, Michell's Far Superior and Golden Heart, $1.75 per 1000. Packed light.
HORACE RIMBY, Collegeville, Pa.
Plant grower for leading Phila. Seedsmen.

100,000 first-class cabbage plants from field. Wakefield, Charleston, All Head, Winningstadt, Succession, Sure Head, Holland, Flat Dutch, $1.00 per 1000.
Chase & Son, New London, Ohio.

1,000,000 Celery plants for sale. Assorted, $1.50 per 1000; $12.50 in 10,000 lots. Boston Market, Giant Pascal, Golden Heart, White Plume, Golden Self Blanching. Cash with order. J. P. Cannata, Mt. Freedom, N. J.

Celery. White Plume, strong field-grown $1.25 100. Giant Pascal, strong transplanted plants, $2.00 100. Cash. Ludwig Mosbaek, 8500 Anthony Ave., Chicago.

2500 selected Mayflower and Lorillard tomato plants, 3-in pots, 10 to 12 inches from top of pot, strong, $3.00 100. E. J. Cloud, Avondale, Pa.

Henderson's Snowball and selected Erfurt cauliflower, 2-in., 2c. W. H. Salter, Rochester, N. Y.

Egyptian or wioter onion sets, $2.00 per bu.; fine sets, good measure.
Lewis R. Allen, Murphysboro, Ill.

VERBENAS.

Lemon verbenas, bushy 2½-in. $3.00 100; 2¼-in. $2.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

VIOLETS.

Marie Louise violets, large, strong, healthy plants; worth double, but to make room offer at $10.00 1000; extra large plants, $14.00 1000; good strong plants from soil $7.00 1000. All No. 1 stock—your money back if not satisfactory. Cash, please. Wm. S. Herzog, Morris Plains, N. J.

Violet plants, strong and healthy stock, Marie Louise, Campbell and Swanley White, from 2½ in. pots, $25.00 1000. Marie Louise, extra, from soil, $20.00 1000. California and Dorsett, single, $2.75 100. Frank H. Kimberly, New Haven, Conn

Potted Violet Plants. A few thousand surplus 2½-inch Marie Louise and Farquhar plants, carefully grown for own use, in sterilized soil, and have been regularly fumigated. Selected stock at $2.00 per 100; $20.00 per 1000.
GEO. H. BENEDICT, Yorkville, N. Y.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
SWAN PETERSON FLORAL CO., Gibson City, Ill.

Marie Louise. Specially grown for forcing. These are from cold frame and are in first-class condition for planting during August. Per 100, $3.50; per 1000, $30.00 W. H. Thomas, Convent Station, Morris Co., N. J.

Princess of Wales violets, 2½-in. $2.50 per 100. Cash with order.
G. M. Naumann, 532 Doan St., Cleveland, O.

Campbell violets, strong 3-in., $3.75 100; fine 2¼-in., $2.00 100.
Muncie Floral Co., Muncie, Ind.

Marie Louise, Campbell and Swanley White, 2½-in. strong, $3.00 100, or $25.00 1000. California from soil, $1.00 100. All fit to bench now. Cash. Benj. Connell, West Grove, Pa.

Now is the time to plant violets if you grow for money. Fine plants of L. H. Campbell, $2.25 per 100; $20.00 per 1000. T. H. Norton, Hightstown, N. J.

Ready August 10. Marie Louise, clean and healthy in every particular, 3-in. pots, $5.00 per 100. Cash with order. Wm. J. Chinnick, Trenton, N. J.

Marie Louise violets, strong plants, February struck, healthy and free from disease, $10.00 per 1000. Cash with order.
C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Campbell violet clumps, field-grown, at $3.00 100. Ready now, clean and healthy. By the violet grower. A. B. Campbell, Cochranville, Pa.

Violets, fine stock, all varieties, 3-in. $4.00 100, $35.00 1000; 2¼-in. $2.75 100, $25.00 1000.
Crabb & Hunter, Grand Rapids, Mich.

20,000 Farquhar violets, clean, well grown, 3-in. pots. Price on application. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Princess of Wales and Marie Louise violet plants, strong field-grown, $4.50 100, $40.00 1000. Cash. Loeffler Bros., Watertown, Wis.

Marie Louise, strong, healthy plants from soil, $15.00 per 1000. Call and examine stock. J. M. Lown, Box 115, Rhinebeck, N. Y.

Imperial violet plants, 2½-in. pots, grown for our own use. Good plants, $2.50 per 100. Wise Bros., East Aurora, N. Y.

Extra fine field-grown Lady Hume Campbell violets, ready Sept. 1, $3.00 100. E. J. Cloud, Avondale, Pa.

Marie Louise violets, 2½-in., to make room, $2.00 per 100. Cash. Hull Floral Co., Morris, Ill.

1000 Princess of Wales violets, fine stock out of 2½-in. pots, $2.50 100. Cash.
J. J. Lampert, North King St., Xenia, O.

MARIE LOUISE violets, fine healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Marie Louise violets, strong, clean, healthy plants, $2.50 100, $20.00 1000.
J. B. RUDY, Elmira, N. Y.

TO EXCHANGE.

To Exchange.—Zamia integrifolia (Florida sago palm), bbl. lots, 6c per lb.; Yucca aloifolia, Y. filamentosa, Y. rigida, $5.00 to $25.00 per 100, large specimens $1.00 each and up. Cash or exchange for bedding stock. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

To Exchange—4½ and 5 in. Asparagus Sprengeri and Capsicum annuum (celestial pepper), 2¼-in., for Asparagus plumosus 2½ to 4-in., or good size Boston ferns. S. Muir, 3530 Mich. Ave., Chicago.

To Exchange—Cyclamen giganteum, 3-in. at $8.00, 2½-in. at $4.00 100, for young stock of Beauties, Brides and Maids. A. Balmer, Montclair, Colo.

To Exchange—Fine field grown carnation plants for good second-hand hot water boiler. S. T. Danley, Macomb, Ill.

To Exchange.—1000 A-1 Joost for Flora Hill and White Cloud. Otto Bourdy, Lowell, Mass.

BENCH TILES.

WILL OUT-LAST YOU.
Something new in bench tile. Light, strong and never rots. Cheap as lumber in first cost. Harbors no insects, does not swell, shrink or warp, gives good drainage and yet holds moisture. Send for sample and price to
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Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

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DECORATIVE MATERIAL.

Fancy and Dagger Ferns, 50c per 1000. LAUREL festooning 4 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Millington, Mass.

Fancy and Dagger ferns, $1.00 per 1,000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Fancy ferns, $1.00 per 1000; discount on large orders. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

Hardy cut ferns, first quality, 60c 1000 Baled spruce, bouquet green, etc
L. B. Brague, Hinsdale, Mass.

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McKELLAR & WINTERSON CO.,
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Wax Flowers and Wax Floral Designs.
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GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GREEN GALAX LEAVES, postage prepaid, 60c per 1000. H. H. Hill, Victoria, Macon Co., North Carolina.

Bronze galax leaves, $1.00 per 1000. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

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Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

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Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
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Rose lice, red spider and mildew on rose bushes prevented by SULPHO-TOBACCO SOAP. Write for our special offer to florists.
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Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

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Wooden labels. All kinds of tree and plant labels.
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GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
C. C. POLLWORTH Co., Milwaukee, Wis.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. L. B. Brague, Hinsdale, Mass.

TIN FOIL

American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Galvanized wire flower stakes. Any length or size desired.
John A. Roebling's Sons Co., 171 Lake St., Chicago.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

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We are the largest manufacturers of wire work in the west. McKellar & Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

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FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

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BOILER CAPACITY.

What H. P. steam boiler will be required to heat two houses, one 18x85 and the other 20x104, running east and west? There is a 30 ft. passage connecting the two. Sides are wood and would average 5 ft. high. Mercury sometimes drops to 18 or 20 degrees below zero. At such times I would want to maintain 55 degrees inside. C. F.

Replying to C. F., for the heating of the one house 18x85 and one 20x104 with 30-ft. connecting passage, he will require not less than a 12 H. P. boiler. For such a small range of work, I should be inclined to use a cast-iron sectional boiler in preference to the brick set tubular boiler.
New York. HENRY W. GIBBONS.

WASHINGTON TO ASHEVILLE.

The special train from Washington for Asheville will leave Washington, D. C., per Southern Railway, on Aug. 18th, at 5 p. m., arriving at Asheville at 9 o'clock on the morning of the 19th. All florists from Boston, New York, Philadelphia, Baltimore and way stations will time their departure so as to arrive here in good time for the special, as the next regular train leaving here will not reach Asheville until 1 p. m. of the 19th; too late for the opening of the convention.
P. BISSET.
State Vice President for the District of Columbia.

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Will Please

YOUR CUSTOMERS.

C. C. Pollworth Co.

Milwaukee, Wis.

Catalogue on application.

CARNATIONS.

Registered by S. J. Reuter, Westerly, R.I.

Lillian Pond—Large white, of good form and strong fragrance. Good keeping qualities. Strong stem and an early and continuous bloomer.

For the American Carnation Society.
ALBERT M. HERR, Sec'y.

Notice—There are a number of new carnations about to be introduced and others that have been introduced that have not been registered. This is a serious neglect on the part of the originators, as they should be registered, either with the American Carnation Society or the S. A. F. & O. H., so that the names and description get on record.

The fee with the Carnation Society is one dollar for each name and registration, and is open to anyone having a new carnation, whether a member of the society or not. All names registered with the Carnation Society must be sent to Albert M. Herr, Lancaster, Pa. Those that are registered with the S. A. F. & O. H. must be sent to Wm. J. Stewart, 79 Milk street, Boston, Mass. In this society registration is free to members, and to outsiders is $5.00 for each name.

BEAVER VALLEY, PA.

J. J. Bolton is putting up a range of houses on his farm back of Beaver Falls.

The many friends of John H. Meyer will be pained to learn that on account of ill health he has resigned his position as head florist of the Meyer greenhouses and will go West for a year or two.

Mr. Fitzgerald is cutting some fine asters.

Mr. Aug. Meyer will open up his store again on Sept. 1 with a full line of seeds, bulbs and cut flowers. At the greenhouses they are busy rebuilding some of the houses and benching carnations.

Business is dull except for funeral work. J. M.

NEW ALBANY, IND.—Anders Rasmussen, the florist, has purchased a large tract of land at Vincennes and Chartres streets. He will remove his greenhouses to this location and will also build a handsome residence.

WILLIAMSBURG, IA.—Mr. H. Harrington, the nurseryman, was married recently. The wedding took place in Davenport and the bride was Miss Sheetz.

NEXT WEEK we shall tell how the tickling of the angels' feet progressed at Asheville. Send advs. at once for this issue.

Roses and Mums to Close Out

White—Eaton, W. Bonnaffon, Fitzwygram, Kalb, Bergmann, Ivory, Robinson, Queen; **Yellow**—Parr, Sunshine, Yel. Fitzwygram, Yel. Jones, Trophy, Pennsylvania, Appleton, H. Hurrell, O. P. Bassett, Lincoln, Whilldin; **Pink**—Pacific, Perrin, Morel, Murdock, Montmort, Asst. Glory, P. Ivory; **Bronze**—Spaulding, Hanham; **Red**—Defender, Shrimpton, Childs, 2½-inch, $2.00 per 100; $20.00 per 1000. **Rooted Cuttings** of the above $13.00 per 1000 as long as they last. Get your order in quick.

Beauties, 2½-inch, $3.50 per 100; 3-inch, $5.00 per 100. **Gates**, 2½-inch, $3.00 per 100; $25.00 per 1000. **Maids**, 3-in., $40.00 per 1000. **Meteors**, 3-in., $55.00 per 1000. Subject to being sold on receipt of order.

Poehlmann Bros. Co., -- Morton Grove, Ill.

PRIMROSES

		Per 100
	Chinese	$2.00
	Obconica Grand	2.00
	Forbesi	2.00
Asparagus	Sprengeri, 2-inch pots	2.00
	Plumosus " "	3.00
Carnations	400 E. Crocker from field	4.00
	100 Daybreak from field	4.00

PANSY SEED, August 15th, oz., $4.00. Cash or C. O. D.

JOS. H. CUNNINGHAM, - - Delaware, Ohio.

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Smilax!

Strong plants, 2½-in. pots, ready for benching, **$1.00** per 100; **$10.00** per 1000

JOHN BROD, Niles Center, Ill.

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VIOLETS. FINE STOCK, ALL VARIETIES.

3-inch, $4.00 per 100; $35.00 per 1000.
2¼-inch, 2.75 " 25.00 "

SMILAX, 2-inch, $1.50 per 100; $12.50 per 1000.
3-inch..... 3.00 " 25.00 "

STEVIA, fine plants, 3-inch, $2.50 per 100.

SWAINSONA, 3-inch, $8.00 per 100.

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Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

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Latania Borbonica

for growing on, 3-inch pots, fine plants, $6.00 per 100.

J. B. HEISS, The Exotic Nurseries, DAYTON, OHIO.

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ARAUCARIA EXCELSA

In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above $0.50
5½-in. pots, 12 to 14 inches..... 60c to .75
6-in. pots, 15 to 18 inches ....75c to 1.00
Specimen..... 1.25

Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots..... .75

Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen.....from $4.00 to 5.00

Boston Ferns, 6-in. pots..... .40

Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants
1012 Ontario St., PHILADELPHIA, PA.

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WYNCOTE, PA.,

Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and **LATANIA BORBONICA**

Price List for the asking.

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YOU OUGHT TO TRY

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at **$3.75** per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

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DREER'S FINE FERNS!

Now is the time to lay in your supply of FERNS. We have in stock over one-half million plants grown in open frames, well-hardened and in prime condition to grow on for the coming season's use.

	In. Pots.	Per 100	Per 1000
Adiantum Aethiopicum	3	$10.00	.....
" Bellum	2	5.00	.....
" Bausei	3	10.00	.....
" Capillus-Veneris	3	8.00	.....
" " Mairisii	3	10.00	.....
" Cuneatum	2	3.50	$30.00
" "	3	6.00	50.00
" " Variegatum	2	4.00	.....
" "	3	6.00	.....
" Charlottæ	2	4.00	30.00
" "	3	6.00	.....
" Decorum	2	3.50	30.00
" "	3	6.00	50.00
" Farleyense	2	8.00	.....
" "	3	15.00	.....
" Grandiceps	2	3.50	30.00
" "	3	6.00	.....
" Gracillimum	2	3.50	30.00
" "	3	6.00	50.00
" Le Grandi	2	6.00	.....
" "	3	8.00	.....
" Mundulum	2	4.00	.....
" "	3	6.00	.....
" Pubescens	2	3.00	25.00
" Rochfordianum	2	3.50	30.00
" "	3	6.00	50.00
" Weigandii	2	6.00	50.00
" Rhodophyllum	2	5.00	.....
" "	3	8.00	.....
Aspidium Tsussimense	2¼	3.50	30.00
Asplenium Nidus-avis	3	20.00	.....
Blechnum Braziliense	2¼	3.50	30.00
" Occidentale	2¼	3.50	30.00
" Rubrum	2¼	3.50	30.00
Cyrtomium Falcatum	2¼	3.50	30.00
" Fortunei	2¼	3.50	30.00
Davallia Fijensis Plumosa	2	8.00	.....
" Majus	3	10.00	.....
" Pentaphylla	3	8.00	.....
" Stricta	2¼	3.50	30.00
Dicksonia Antarctica	3	8.00	.....
Doodia Aspera Multifida	2¼	3.50	30.00
" Caudata	2¼	3.50	30.00
Gymnogramme Sulphurea	2¼	5.00	.....
Lastrea Aristata Variegata	2¼	3.50	30.00
" Chrysoloba	2¼	3.50	30.00
Lygodium Scandens	2¼	4.00	30.00

	In. Pots.	Per 100	Per 1000
Microlepia Hirta Cristata	2¼	$ 6.00	.....
" " "	3	10.00	.....
" " "	4	15.00	.....
Nephrolepis Bostoniensis	2¼	4.00	$35.00
" "	6	40.00	.....
" Cordata Compacta	2¼	4.00	35.00
" Duffii	3	6.00	.....
" "	4	10.00	.....
" Pectinata	3	6.00	.....
" Rufescens Tripinatifida	3	10.00	.....
Onychium Japonicum	2¼	3.50	.....
Platyloma Falcata	2¼	4.00	35.00
Polypodium Aureum	2¼	3.00	25.00
" Areolata	2¼	3.50	30.00
" Fraxinifolia	2¼	3.50	30.00
Polystichum Coriaceum	2¼	4.00	35.00
" Setosum	2¼	3.50	30.00
Pteris Adiantoides	2¼	3.00	25.00
" Argentea	2¼	3.50	30.00
" Argyraea	2¼	3.50	30.00
" Cretica Albo-Lineata	2¼	3.50	30.00
" " Magnifica	2¼	3.50	30.00
" Hastata	2¼	3.00	25.00
" Harrisoni	2¼	3.50	30.00
" Internata	2¼	3.50	30.00
" Leptophylla	2¼	3.50	30.00
" Longifolia	2¼	4.00	.....
" " Mariesii	2¼	4.00	.....
" Nemoralis	2¼	3.50	.....
" Ouvrardi	2¼	3.50	30.00
" Palmata	2¼	3.50	30.00
" Serrulata	2¼	3.00	25.00
" " Cristata	2¼	3.50	30.00
" " Voluta	2¼	3.50	30.00
" Sieboldii	2¼	3.50	30.00
" Tremula	2¼	3.50	30.00
" Victoria	2¼	3.50	30.00
" Wimsetti	2¼	3.50	30.00
Selaginella Caesia	3	6.00	.....
" " Arborea	3	10.00	.....
" Cuspidata	3	6.00	.....
" Denticulata	3	5.00	.....
" Flabellata	3	6.00	.....
" Kraussiana Aurea	3	5.00	.....
" " Variegata	3	5.00	.....
" Martensi	3	6.00	.....
" Vogelii	3	8.00	.....

Choice Mixed Ferns Our selection from 2¼-inch pots $3.00 per 100; $25.00 per 1000; $100.00 per 5000.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. July 27, 1897; May 17, 1898.

Write for prices and circulars.

IGOE BROS.

226 N. 9th St., Brooklyn, N. Y.

Mention The Review when you write.

CYCLAMEN GIGANTEUM or PERSICUM. Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00 per 100. **Cinerarias,** 2-in. $2.00 per 100. **Smilax,** 2-in., $1.00 per 100. **Asparagus Sprengeri,** 2¼-in., $1.50 per 100. **Primroses,** Chinese Fringed and Obconica. 2¼-inch, $2.00 per 100.

Cyclamen Persicum Seed, mixed, $4.00 per 1000 seeds. **Asparagus Sprengeri,** $1.75 per 1000 seeds. **Pansy,** Prize Strain. Bugnots, Cassiers and Odiers or Giant Trimardeau. $2.00 per oz. All fresh seed.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

CHRYSANTHEMUMS.

We have a quantity of thrifty young plants, in 2¼-inch pots, which will make nice medium sized flowers if planted now. Our collection includes the following:

Mrs. J. Jones,	Glory of Pacific,
Pres. Smith,	Marian Henderson,
Geo. S. Kalb,	Mrs. S. T. Murdock.
Col. D. Appleton,	Modesto,
Nagoya,	Mrs. E. D. Smith,
Xeno, Superba,	Nellie Pockett

and many other Standard varieties.

Your selection, $2.50 per 100.

Give a list of substitutes when ordering.

Nathan Smith & Son, ADRIAN, Mich.

Mention The Review when you write.

LILIUM HARRISII.

Our stock has arrived in excellent condition, firm, plump Bulbs.

5x7-inch	per 100, $ 5.00	per 1000, $ 45.00
7x9-inch	" 11.00	" 105.00

For other **Bulbs** see our **price list** just sent out. We can fill your order satisfactorily.

WALTER MOTT SEED & BULB CO.

JAMESTOWN, N, Y.

Mention The Review when you write.

Asparagus Plumosus,

Extra fine 2-in. stock, $3.50 per 100; $30.00 per 1000.

Asparagus Tenuissimus,

From 3-in. pots, $5.00 per 100.

Boston Ferns,

25 8-in. To close out at $1.00 each.

Cash with order.

The Livingston Seed Co.

COLUMBUS, OHIO.

Mention The Review when you write.

PANSIES. The Jennings Strain.

New Crop Seed Now Ready.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain: "The largest and finest colored flowers we have ever seen."

I grow only pansy seed and plants, and only the finest. Plants ready Sept. 1 at $4.00 per 1000. Finest Mixed, pkt., $1.00; ½-oz., $3.00; 1-oz. $5.00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

E. B. JENNINGS, Lock Box 254, Southport, Conn.

GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

BALL'S PALMS!

Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.

Samples will be exhibited at the **ASHEVILLE CONVENTION,** where I shall be pleased to receive orders or furnish any information desired. **Send orders early, I will ship them when wanted.**

Kentia Belmoreana 2½ in. pots at $12 00; 3 in. at $15.00 and $20.00 per 100. 4-in. at 30c and 40c, 5-in. at 75c, 6-in. at $1.00 and $1.25. 7-in. at $1.50, 8-in. at $2.00 each. Several strong plants in a pot, bushy, 6-in. at $1.00, 8-in. at $2.00 and $2.50, 9-in. at $3.00, 10-in. at $4.00, $5.00, $6.00 and $7.50.

Kentia Forsteriana 2½-in. pots at $12.00, 3-in. at $15 00 and $20.00 per 100. 4-in. 30c and 40c, 6-in. at 75c. Several strong plants in a pot, bushy, 6-in. at $1.00, 8-in. at $2.00 and $3.00.

Areca Lutescens 2½-in. pots at $6.00, 3-in. at $10.00, 4-in. at $17.50 per 100. Several in a pot, very bushy, 6-in at 50c, 75c and $1.00, 8-in. at $2.00 and $3.00, 10-in. at $4.00 and $5.00, 12-in. at $7.50.

Latania Borbonica 2½-in. at $4.00, 3-in. at $8.00 per 100. 4-in. strong at 25c, 6-in. at 50c, 8-in. at $1.50.

Phoenix Canariensis 8-in. pots at $2.00 and $2.50, 10-in. at $3.00, $3.50, $4.00, $5.00 and $6 00.

Araucaria Excelsa 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.00.

Araucaria Robusta Compacta 16 to 18-in. high, 3 to 4 tiers, at $2.00; 18 to 20-in. high, 4 tiers, $2.50.

Pandanus Veitchii 6-in. at $1.00. **Pandanus Utilis** 4-in. at 20c, 6-in. at 50c and 75c, 8-in. at $1.00

Cocos Weddelliana, Ficus Elastica, Dracaena Sanderiana, Etc.

DESCRIPTIVE PRICE LIST ON APPLICATION.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Mention The Review when you write.

GRAND RAPIDS, MICH.

The weather has been most favorable the past three weeks for carnation growing. In consequence the plants look fine, and the work of benching them is being pushed with all the zeal possible, for the weather is so cool and cloudy that it is hardly necessary to shade the glass. We expect, when this spell of cold weather ends, it will be followed by a long hot spell, to even things up, as it were.

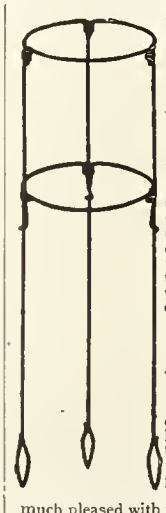
Business is quiet; you might almost hear a pin drop. There is a little funeral work and outside shipping, besides the collection of bills from customers who have flown to the resorts. Roses and carnations are scarce. Roses have not come into bloom yet and carnations are thrown out and neglected.

There will be no one from here who will attend the convention; too busy this time. One of the boys, when asked if he were going, remarked: "Not even if it were Milwaukee. I haven't the time."

The Grand Rapids Floral Co. is building one rose house and remodeling several others. It is using the Garland gutter and solid cement benches for planting. The benches, or beds, are two feet high, being filled to within six inches of the top with sand or any good drainage material, then soil; benches, five feet wide. The experiment is being watched with considerable interest, for if it succeeds it will be adopted by all the florists. The carnation houses are being equipped the same way.

Wealthy Avenue Floral Co. is building two carnation houses; the Hill Co. one propagating house. Chas. Chadwick will build two large carnation houses after the peaen crop is over. Crabb & Hunter will build one large violet house, 150x30. Henry Smith, while he has glass and other material on hand, has experienced some difficulty in getting the necessary help and is uncertain whether he will build. Charley Morton is building three carnation houses.

Visitors: S. S. Skidelskey, of Philadelphia; J. N. Burroughs, of Hastings; J. P. Herzog, of Saginaw; Mrs. Cohn, of Manistee, and Wm. Wasserman, of Muskegon. G. F. C.



NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing, L. I., Dec. 11, 1901.
Mr. Theron N Parker,
Parker-Bruen Mfg Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. Thorne.

La Fayette, Ind., July 8, 1902.
Theron N. Parker,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. Dorner & Sons Co.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO.
208 Jersey Street,
HARRISON, - NEW JERSEY.

Mention The Review when you write.

17,000 LAWSON
FIELD-GROWN PLANTS.
STRICTLY FIRST-CLASS $60.00 per 1000.
W. L. HUCKE, Belleville, Ill.

Mention The Review when you write.

Carnations, Geraniums,
Cannas, etc.
Prices quoted upon application.
THE COTTAGE GARDENS, Queens, L. I.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

FIELD-GROWN CARNATIONS
FINE, STRONG, HEALTHY PLANTS.

	Per 100	Per 1000
Lawson	$7.00	$60.00
Bradt	7.00	60.00
Marquis	5.00	40.00
White Cloud	5.00	40.00
Prosperity	5.00	40.00
Norway	5.00	40.00
Genevieve Lord	5.00	40.00

PETER REINBERG
51 Wabash Ave., CHICAGO.

Mention The Review when you write.

CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.

LAST CALL
FOR ADVS. FOR OUR
CONVENTION NUMBER
to be issued Next Week.
Send Advs. at once or you may be too late.

The Pierson Fern

Nephrolepis Piersoni

THE MOST VALUABLE NOVELTY INTRODUCED IN MANY YEARS.

Awarded **GOLD MEDAL,** Massachusetts Horticultural Society, March, 1902. A rare distinction, having been awarded only a few times in the history of the Society.

Also GOLD MEDAL, New York Horticultural Society, May, 1902, for the best horticultural novelty. THE HIGHEST HONORS that can be bestowed on any horticultural novelty in America. These very high awards testify to the sterling merit of **Nephrolepis Piersoni.**

NEPHROLEPIS PIERSONI is as easy to grow and propagate as the well-known Boston Fern, of which it is a sport and which it will assuredly supplant in popular favor.

THIS WILL BE A MONEY-MAKER FOR YOU.

SEE OUR EXHIBIT OF THIS AT THE S. A. F. CONVENTION, ASHEVILLE.

Will be introduced to the trade in Spring, 1903. Demand is sure to be enormous. Place order at once in order to secure early delivery, as orders will be filled strictly in rotation.

PRICE: $9.00 per dozen; 50 plants at 60 cents each; 100 plants at 50 cents each; 500 plants at 45 cents each; 1000 plants at 40 cents each.

SEND FOR OUR ILLUSTRATED CIRCULAR GIVING FULL DESCRIPTION.

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, NEW YORK

CARNATIONS

Strong, field-grown plants.

"Goodenough"

the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00	per 100
MACEO	5.00	"
SCOTT	5.00	"
WHITE CLOUD	5.00	"

Write for prices on large lots.

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.

Mention The Review when you write.

Carnations.

Field-grown, as fine plants as you ever saw.

Mrs. Thos. W. Lawson	$6.00 per 100;	$50.00 per 1000
E. Crocker	5.00 "	45.00 "
Jubilee	4.00 "	35.00 "
Wm. Scott	4.00 "	35.00 "
Flora Hill	5.00 "	45.00 "
Genevieve Lord	4.00 "	35.00 "

Will exchange for a good second hand Hot Water Boiler.

S. T. DANLEY,..... McCOMB, ILL.

Mention The Review when you write.

FIELD-GROWN

Carnation Plants!

FOR IMMEDIATE PLANTING.

FRANCES JOOST, ETHEL CROCKER, FLORA HILL, G. H CRANE.

Send for samples and prices.

JOHN WOLF, - Savannah, Ga.

Mention The Review when you write.

LAST CALL FOR ADVS. FOR OUR CONVENTION NUMBER to be issued NEXT WEEK. SEND ADVS. AT ONCE or you may be too late.

Over 20,000 Healthy, Strong Field Grown CARNATIONS.

Gov. Wolcott	$16.00	per 100
Prosperity	10.00	"
Lawson	8.00	"
Morning Glory	6.00	"
Maceo	6.00	"
Foster	5.00	"
Gomez	6.00	"
Queen Louise	10.00	"
Norway	8.00	"
Egypt	10.00	"
Flora Hill	6.00	"
Crane		6.00
Joost		5.00

DISCOUNT BY THE 1000. CASH PLEASE.

C. L. HOWE, Dover, N. H.

Mention The Review when you write.

CARNATIONS from the Field. Strong, Healthy Plants.

300 Prosperity, 200 Lorna, $10.00 per 100.
3500 Lawson, 2000 Joost, 300 Marquis,
2000 Crane, 1000 Maceo, 200 Norway,
4000 W. Cloud, 700 G. Lord, 2000 Glacier,
4500 Triumph, 150 Irene,
1000 Morning Glory,
First size, $8.00 per 100; second size, $5.00 per 100.

ROSES—Brides and Bridesmaids, 2½-inch rose pots, $3.00 per 100. Metcor, 3-in., $3.50 per 100. Golden Gate and Kaiserin, 4-in., $8.00 per 100.

SPRENGERI—4-inch, $10.00 per 100.
Cash or C. O. D.

W. J. & M. S. VESEY, Ft. Wayne, Ind.

Mention The Review when you write.

ALL THE BEST CARNATIONS

Orders Booked Now for Fall Delivery.

SEND FOR PRICES.

Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Asparagus Plumosus

Strong plants from 2-inch pots, $4.00 per 100; $30.00 per 1000.

Carnations

30,000 strong healthy field-grown plants ready for planting now.

	Per 100	Per 1000
Bradt	$8.00	$70.00
Marquis	6.00	50.00
White Cloud	6.00	50.00
Flora Hill	6.00	50.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00
Pingree	6.00	
Gold Nugget	6.00	

250 of one variety at 1000 rate.

ROSES Fine, strong 4-in. pot plants of Ivory, **$15.00 per 100.**

5,000 ENGLISH IVY Strong plants in 3-in. pots, **$5.00 per 100; $35.00 per 1000.**

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

Cressbrook Carnations

From Field, nice, strong plants.

$10.00 per 100.
$75.00 per 1000.

Order Early, as I have only a few thousand left.

C. WARBURTON,

FALL RIVER, MASS.

B. & A. Specialties.

Dutch, French, Chinese and Japanese Bulbs.

English Manetti, $12.00 per 1000; French Manetti, $10.00 per 1000.
Special prices on large quantities.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.
Mention The Review when you write.

AUSTIN, MINN.

The Perry Florists' Convention.

The Perry Florists' convention (named after the originator) was held at Austin, Minn., August 6th and 7th. All the visitors were the guests of A. N. Kinsman, of Austin, and a most successful convention was held. The first day was devoted to discussions on various trade matters, and the second to a bowling contest, driving around the city and a boat ride up the river. Considerable benefit is derived from these meetings by the members, who are kept posted as to lines of stock on hand, and many exchanges and sales are made to their mutual advantage.

W. B. Perry, of Cresco, Iowa, was elected president, and Walter S. Hall, of Osage, Iowa, secretary and treasurer. It was voted upon to hold two meetings annually, one in January and one in July or August. The next meeting will be held at Cresco, Iowa.

Those present were: A. N. Kinsman, Austin, Minn.; W. B. Perry, Cresco, Iowa; Walter S. Hall, Osage, Iowa; P. Clausen, Albert Lea, Minn.; W. T. Symonds, Decorah, Iowa; Mr. Krieger, Mason City, Iowa; Mark H. Wetherbee, Charles City, Iowa, and C. C. Pollworth, Milwaukee, Wis.

MILWAUKEE.

Trade remains in about the same condition as last week. Asters are coming in extremely plentiful, mostly white, and but few of fancy colored stock. Carnations are becoming quite scarce and most of them are of poor quality. Sweet peas are shortening up in supply. In roses, good Kaiserins, Perles and Meteors are about equal to demand, but good Maids, Brides and Beauties are scarce.

The florists are again considering the question of going after the next S. A. F. convention. They will not do much shouting in advance, but will wait until the eleventh hour, a la Asheville. Quite a few of the trade from here will attend the Chicago Florists' Club picnic.

INCOG.

WHITEHALL, MICH.—The 11-year-old son of Thomas Rogers, the florist, was drowned while fishing July 28. His body was not recovered until the following day. His parents have the sympathy of all in their bereavement.

DENVER, COLO.—Thomas Chapman is fishing and rusticating in Northern Wisconsin, and reports a good time.

LAST CALL for advertisements for our convention number, to be issued next week. Send advs. at once or you may be too late.

CYCAS REVOLUTA

We have an immense stock at from 25 cents to $3.00 each, and are selling out exceptional values.

THE GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

500 POINSETTIA

2-YEAR, ONE SHOOT,

$10.00 per 100.

JOHN BREITMEYER'S SONS, Detroit, Mich.

Mention The Review when you write.

Geraniums!

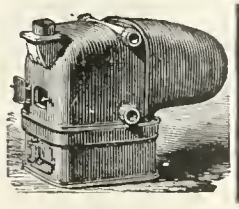
The following strictly high grade varieties **true to name.** All from 2½-inch pots:
Jean Viaud (the pink novelty), $3.00 per 100.
Duchess of Orleans (the variegated wonder), $3.00 per 100. S. A. Nutt, Beaute Poitevine, Francis Perkins, E. G. Hill, Mme. Bruant, Mme. Jaulin, Athlete, L. P. Morton, Thos. Meehan, Kellway, and others, $2.00 per 100; $18.00 per 1000.

Smilax!

We are headquarters for **SMILAX.** Strictly first-class stock from 2¼-inch pots, $1.25 per 100; $10.00 per 1000. Any quantity. Cash with order.

The W. T. Buckley Plant Co.,
SPRINGFIELD, ILL.

The Annual Meeting
of the
FLORISTS' HAIL ASSOCIATION
will be held at the
Auditorium, Asheville, N. C.
at 2 P. M., on August 21, 1902.
JOHN G. ESLER, Sec'y.



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233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
And Ventilating Apparatus
Send Four Cents for Catalogue.

ALWAYS ON TOP!

Same as Asheville, Away above all competitors.

Of course, we shall be in the front again with a FULL LINE OF SAMPLES.

LATEST NOVELTIES!

ATTRACTIVE!
INTERESTING!
PLENTY OF THEM!

Be sure and inspect them. Your trip will be incomplete without it. Fullest information always cheerfully imparted. Answering questions never bothers us.

ALL WELCOME! WHETHER YOU BUY OR NOT.

H. BAYERSDORFER & CO.,

50, 52, 54, 56 North 4th Street,
Philadelphia, Pa.

Largest and oldest Importers and Manufacturers in our line.

Mention The Review when you write.

SOCIETY OF

AMERICAN FLORISTS'
NATIONAL CONVENTION
AUGUST 19-22, 1902
ASHEVILLE, NORTH CAROLINA

For this convention the **"Big Four Route" (C. C. C. & St L. Ry.)** will sell tickets August 16, 17 and 18—good for return leaving Asheville not later than August 25, at one fare ($20.00) for the round trip from Chicago, with like reduced rate from all **"Big Four"** stations.

Florists' special train will leave Chicago 8:30 p. m. Sunday, August 17 running via **"Big Four"** to Cincinnati, thence via the Queen & Crescent and Southern Railways. Monday forenoon will be spent in Cincinnati sight-seeing, etc., leaving there 2 p. m. on the Florists' special. Every florist should make a big effort to attend this convention, the first to be held in the beautiful Southland.

For berths in sleepers from Chicago or Cincinnati, and further information call on, or address

E. F. WINTERSON, Pres. Chicago Florists' Club, 45 Wabash Ave., **CHICAGO,** or **J. C. TUCKER,** Gen. Nor. Agt. "Big Four," 234 S. Clark St.

Mention The Review when you write.

Asheville, North Carolina

"THE LAND OF THE SKY."

The eighteenth annual meeting of the

SOCIETY OF

AMERICAN FLORISTS

Will be held at **Asheville, August 19-22, 1902**

Low rates have been made via the Queen & Crescent Route and Southern Railway. Special train, composed of Pullman sleepers, will leave Cincinnati Monday, August 18th, 2:00 P. M., via Queen & Crescent Route, and run through to Asheville via Southero Railway, arriving at Asheville next morning at 7:00 o'clock.

Members will meet at Cincinnati and all go through together from there.

For sleeping car reservations and full particulars regarding rates, write

J. S. McCULLOUGH, N. W. P. A. Southern Ry. 225 Dearborn St. **Chicago.**
W. A. BECKLER, N. P. A. Queen & Crescent Ry. 113 Adams St.

SOUTHERN RAILWAY

Through the flower covered Mountains and Valleys of Western North Carolina to Asheville and The Sapphire Country.

ACCOUNT OF THE CONVENTION OF THE SOCIETY OF

American Florists and Ornamental Horticulturists,

To be held at Asheville, N. C., August 19 to 22, the **SOUTHERN RAILWAY** announces one fare for round trip on all its lines. Through Pullman Cars from all principal cities. Special Dining Car features, etc.

For further particulars call on or address,

A. S. THWEATT, E. P. A., 1185 Broadway, New York.
L. S. BROWN, G. A., 705 15th St. N. W., Washington, D. C.
G. C. DANIELS, N. E. P. A., 228 Washington St., Boston, Mass.
CHAS. L. HOPKINS, D. P. A., 828 Chestnut St., Philadelphia, Pa.
S. E. BURGESS, T. P. A., 120 East Baltimore St., Baltimore, Md.
C. H. HUNGERFORD, D. P. A., 230 4th Ave., Louisville, Ky.
C. A. BAIRD, D. P. A., 719 Olive St., St. Louis, Mo.
J. S. McCULLOUGH, N. W. P. A., 225 Dearborn St., Chicago, Ill.

W. A. TURK, P. T. M. Washington, D. C.
S. H. HARDWICK, G. P. A. Washington, D. C.

WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,
300-306 Dearborn St., CHICAGO.

THE REGAN ...PRINTING HOUSE...

Nursery..... Seed..... Florists'.... **Catalogues**

87-91 Plymouth Place, Chicago.

Last Call

FOR ADVS. for our

Convention Number

to be issued Next Week.

SEND ADVS. AT ONCE
or you may be too late.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

Subscription, $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts, 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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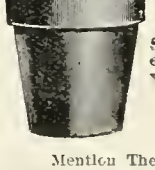

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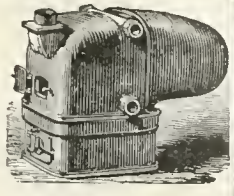

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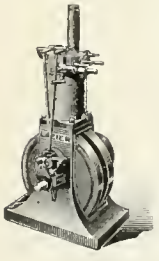

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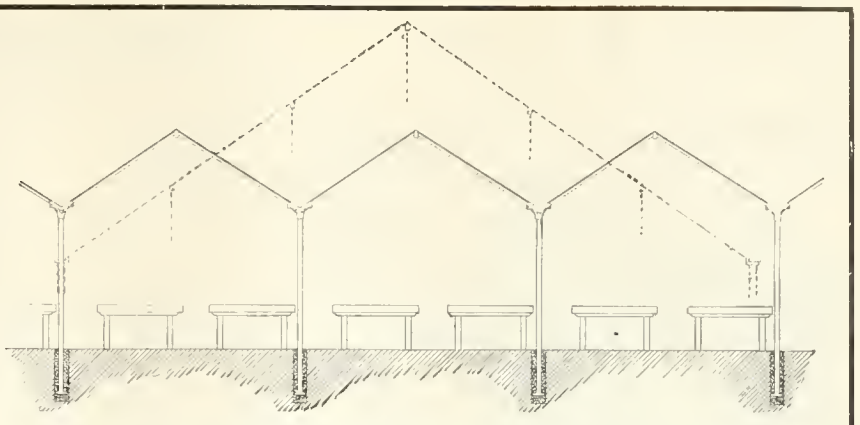

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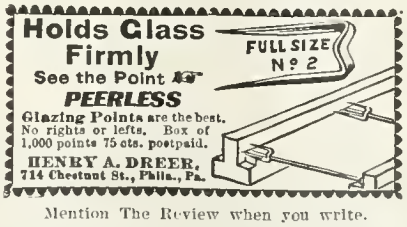

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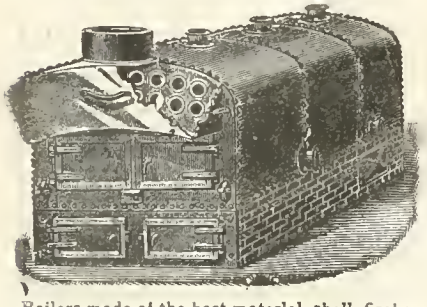

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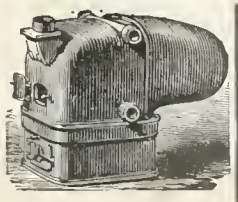

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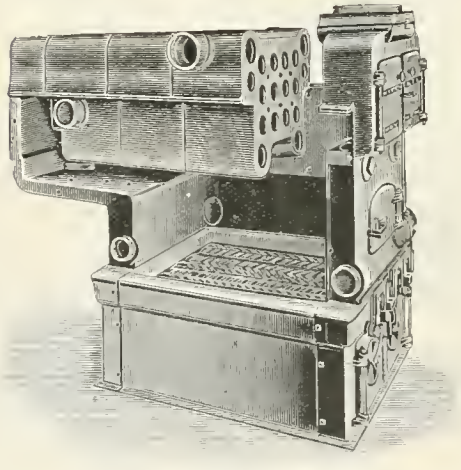

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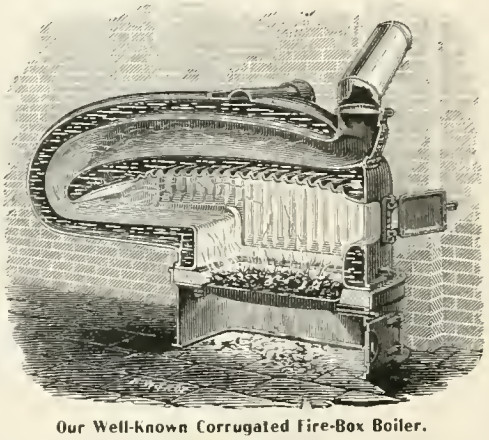

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Vol. X. CHICAGO AND NEW YORK, AUGUST 21, 1902. No. 247.

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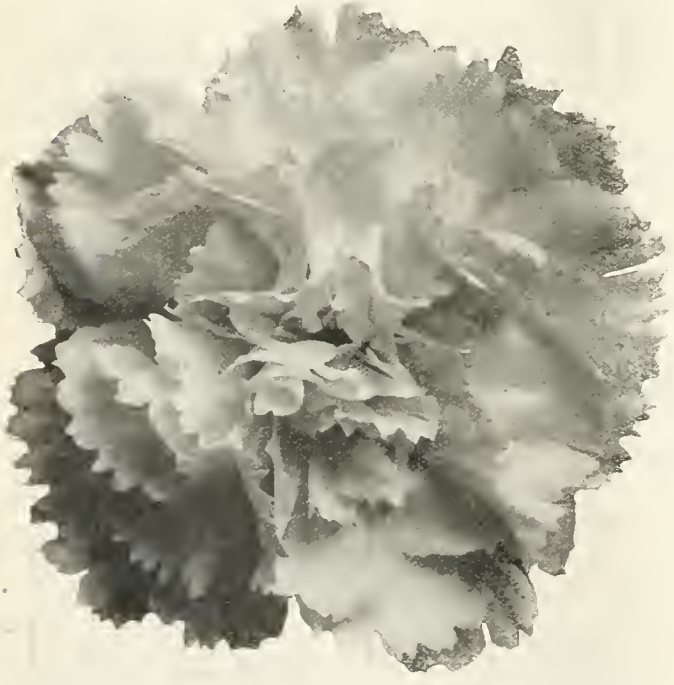

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in mixture of the above strain composed of the standard varieties and latest novelties. A grand assortment, trade packet.....**50c** 1000 seeds, **$7.50**

White (pure).. .Packet	**50c**	1000 seeds,	**$7.50**
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Roseum Superbum "	**50c**	1000 seeds,	**7.50**
Rubrum, "	**50c**	1000 seeds,	**7.50**

Let us have your orders for this seed, we will please you.

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Nephrolepis Piersoni

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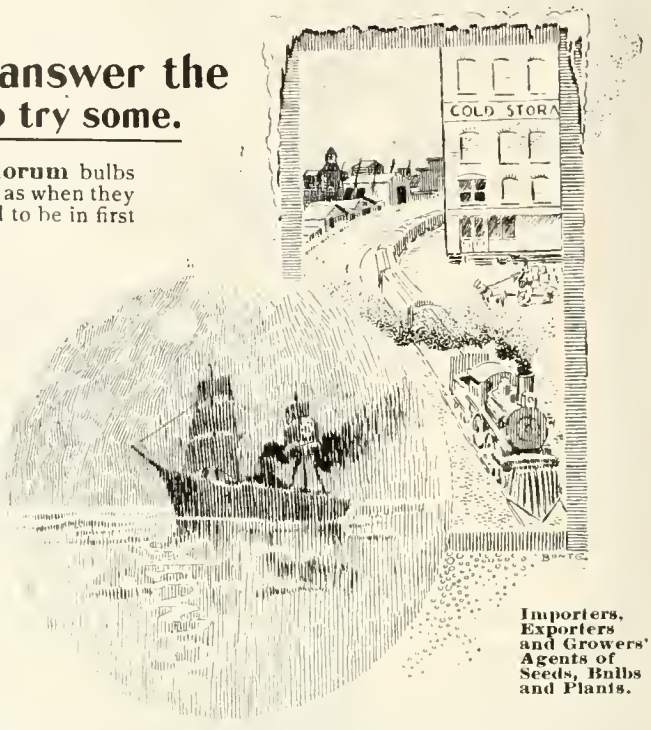


Importers, Exporters and Growers' Agents of Seeds, Bulbs and Plants.

CLUCAS & BODDINGTON CO.,

Telephone 4390-Spring. **812-814 Greenwich St., cor. Jane St., NEW YORK CITY.**

THE NEW NEPHROLEPIS "ANNA FOSTER"

A SPORT FROM THE BOSTON FERN.

SALES TO DATE FAR BEYOND EXPECTATIONS.
A "WINNER" FROM THE DAY OF ITS INTRODUCTION.
WONDERFULLY PROLIFIC, HARDY, GRACEFUL, UNIQUE.
NOTHING JUST LIKE IT IN THE FERN FAMILY.
HANDSOMER THAN THE BOSTON. A PERFECT HOUSE PLANT.
EVERYBODY IS BUYING IT. ITS PRICE IS REASONABLE.

For Rapid Growth, Fine Foliage and Novel Development of Fronds it has no superior.

DISCOVERED BY MR. FOSTER A LITTLE OVER A YEAR AGO.

PRICES--ONLY $25.00 a 100; 50 at 100 rate. 3 to 4 FRONDS.

ORDERS FILLED AS RAPIDLY AS POSSIBLE AND IN ROTATION.

DID YOU SEE OUR EXHIBIT AT THE ASHEVILLE CONVENTION?

Write **L. H. FOSTER, Dorchester, Mass.**

or J. AUSTIN SHAW, Gen'l Agent, 2688 Broadway, NEW YORK CITY.

"Something Doing" at KANSAS CITY.

The plans for the Kansas City Flower Show have been approved and $7,000.00 appropriated by the Directors of Convention Hall to pay premiums with. A thousand of Kansas City's hustling business men have been appointed on Committees, and with characteristic Kansas City spirit are working out the details of the

ALL-AMERICAN FLOWER SHOW

to be held in Convention Hall, November 3, 4, 5, 6, 7 and 8,

and which will go down in history as the greatest Flower Show of 1902.

KANSAS CITY OFFERS:

THE GREATEST HALL IN THE WORLD TO EXHIBIT IN.
THE LARGEST PREMIUM LIST EVER OFFERED TO EXHIBIT FOR.
THE LARGEST SPECIAL PREMIUMS EVER OFFERED.
A GUARANTEE THAT EVERY AWARD WILL BE PAID IN FULL.

SOME NEW WRINKLES.

Hundreds of store windows beautifully decorated in plants and flowers in friendly rivalry, in competition for special premiums offered by local florists.

The Home of Washington at Mount Vernon, faithfully reproduced in Convention Hall, even to the old-fashioned flowers.

A Charity Sunday, November 9th.

The Flower Show Ball, November 10th, with 2,000 couples dancing at one time on the polished floor — the largest dancing floor in the world — in the only hall where this sight could be possible.

A hundred thousand visitors to see and be seen.

UNDER THE AUSPICES OF

U. S. EPPERSON, C. M. BALDWIN, C. F. HOLMES, F. L. LA FORCE,
W. H. WINANTS, JOHN W. SPEAS, JOHN A. BROWN, W. B. THAYER,
F. S. DOGGETT, H. F. LANG, F. J. TAGGART, FRED W. FLEMING,
CHESTER A. SNIDER,
Directors of Convention Hall.

JUDGES:

JOHN YOUNG, New York. EDWIN LONSDALE, Philadelphia.
EDWIN A. KANST, Chicago.

F. J. TAGGART, Director General. JOHN THORPE, Superintendent.

PREMIUM LIST OUT IN A FEW DAYS.

We Are Ready

to take better care of our customers than ever the coming season. We have this summer added about **100,000 square feet of glass to our own plant** and will have the product of about **150,000 square feet more than last year** with which to meet demands. And the quality will be high. We shall be especially strong in

Brides, Maids, Meteors, Beauties and Carnations.

In addition to the cut from **our own large place** we shall have the product of **four strictly first-class growers of roses.** And we shall have **other new consignors** who are growers of **high-grade CARNATIONS and other stock.** We shall be in a position to give you the best the market affords at fair prices, and would like to add you to our list of satisfied customers. We can do it if you give us the opportunity. Write us about it.

J. A. BUDLONG

37-39 Randolph St., CHICAGO.

Orchids A Specialty.

James McManus

WHOLESALE FLORIST,

50 West 30th Street, New York City

Tel. No. 759 Madison Square,

Handles AS FAIR Orchids and Roses AS CAN BE GROWN.

Increased demands make more consignors necessary, especially of Beauties, Meteors and Liberty. Prompt payments and highest market prices guaranteed.

Headquarters in New York for the Fine Palms and Plants of A. N. PIERSON, of CROMWELL, CONN.

BEGONIA GLOIRE DE LORRAINE

(TRUE)

FOUR-INCH POT STOCK.

Will make specimen plants as good as the illustration shows for the holidays.

Only Strictly First-Class Goods Shipped.

$40.00 per 100.
NO DISCOUNT.

J. A. PETERSON

McHenry Avenue,
Westwood, CINCINNATI, OHIO.

51 Wabash ...Avenue... CHICAGO.

We are now getting a first-class cut of summer stock and

THIS FALL

we shall be right in line for business with very large supplies of the very highest grades of cut flowers. Our place contains 500,000 feet of glass and the following are some of the plants we shall cut from:

60,000 'MUMS, 54,000 BEAUTIES,
55,000 TEA ROSES, 80,000 CARNATIONS,
5,000 HARRISII LILY PLANTS.

All through our stock the varieties are the newest and best and the quality of the cut flowers will, as in the past, compare favorably with the stock produced by any other grower in the country. We want your business from the beginning to the end of the season.

Carnation Plants!

Our carnation plants have been on fairly high light soil this summer and made good growth; some varieties are very fine and all are clean and healthy. We find ourselves with a small surplus. Write us your needs for pricing.

FLORA HILL, WHITE CLOUD, THE SPORT, G. H. CRANE, AMERICA, MRS. LAWSON, NORWAY, PROSPERITY, THE MARQUIS.

SPECIAL OFFER. Owing to our Fall Supplies arriving within next two months, we are offering **Special Low Prices** on all **Florists' Supplies, Etc.,** to clear up stock to make room for new goods. **Write for Special List now ready.**

McKELLAR & WINTERSON CO.
45-49 Wabash Ave., CHICAGO.

Special Announcement!

Our facilities for handling the cut flower trade are unsurpassed by any other house in the United States. A trial order will convince you of **OUR SUPERIOR ADVANTAGES.**

BEAUTIES and VALLEY OUR LEADING SPECIALTIES.

Novelties in Ribbons. We have completed arrangements with the leading ribbon manufacturers for new stocks of all the staple requirements, including many new and exclusive designs in various shades and materials. All our ribbons are **MANUFACTURED SPECIALLY TO OUR ORDER** for the florists' trade. We have the largest and most complete stock of these goods in America. **WATERPROOF CREPE PAPER, FANCY MATS, TINFOIL,** and many other florists' requisites in novel designs.

SAMUEL S. PENNOCK, **Wholesale Commission Florist, 1612-14-16-18 Ludlow Street,** Philadelphia.

PETER REINBERG

51 Wabash Ave., CHICAGO, ILL.

CARNATION PLANTS

Strong, clean, healthy plants of good size, from the field.

	Per 100	Per 1000		Per 100	Per 1000
MRS. LAWSON,	$7.00	$60.00	NORWAY,	$4.00	$35.00
MRS. BRADT,	7.00	60.00	MARQUIS,	4.00	35.00
PROSPERITY,	4.00	35.00	WHITE CLOUD,	4.00	35.00

GENEVIEVE LORD, per 100, $5.00; per 1000, $40.00.

With 800,000 square feet of glass on North Robey Street, Chicago, and 100,000 feet at New Castle, Ind., (Reinberg & Weiland) we are the largest producers of cut flowers in America. Better begin your cut flower buying this fall where you can rest assured of getting what you want all through the season.

Mention The Review when you write.

GROWERS OF FIRST CLASS

CUT FLOWERS

WILL DO WELL TO WRITE TO

FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.

We want your consignments, and promise you every inducement in the way of satisfactory returns.

Headquarters for **American Beauties.**

TO BUYERS OF First Class **CUT FLOWERS.** We want your trade, and offer you every inducement in the way of

Fair Prices, Carefully Handled Stock, Well Packed, Delivered on Time.

A complete line of **Wire Work and Florists' Supplies.**

LONG DISTANCE TELEPHONE MAIN 2018 M.

ASHEVILLE

LAND OF THE SKY

....EVERYBODY...

AT THE ASHEVILLE CONVENTION VOTED OUR DISPLAY OF NOVELTIES IN

Florists' Supplies and Ribbons

THE FINEST, CHOICEST AND MOST ATTRACTIVE EXHIBIT EVER SEEN ANYWHERE.

OUR NEW EFFECTS IN

Ribbons in Colors especially produced to match the flowers were eye-openers, at prices beyond competition.

.....OUR NEW.....

Two-Tone Waterproof Paper
and Pot Covers of Same

Created a Sensation.——————If once seen you will buy no other.

IT IS EXCLUSIVE WITH US.

M. RICE & CO.

Ribbon Specialists,
Importers and Manufacturers,

Leading Florists' Supply House. CATALOGUE FOR THE ASKING.

918 Filbert Street, PHILADELPHIA, PA.

The Asheville Convention

AN INTERESTING MEETING UNDERNEATH THE ANGELS' FEET.

Next Meeting to be Held at Milwaukee, Wis.

OFFICERS FOR 1903:

President, JOHN BURTON, Philadelphia, Pa.
Vice-President, C. C. POLLWORTH, Milwaukee, Wis.
Secretary, WM. J. STEWART, Boston, Mass.
Treasurer, H. B. BEATTY, Oil City, Pa.

When the convention convened for the first session on Tuesday afternoon the large Auditorium was well filled and the number in attendance was certainly very gratifying. The exhibits were arranged at the sides of the large hall and on the back of the stage, while in the center of the floor were seats for four or five hundred people.

Vice President Deake called the convention to order at 3:30 p. m. and expressed regret that the recent bereavement of President Burton, in the loss of his son, would prevent his attendance. He then introduced A. S. Barnard of Asheville, who extended a welcome to the visitors which proved that the society contained other eloquent speakers than the gentleman who adressed the society at Buffalo. He said that the fact that Asheville had been selected as the first Southern city for a convention of the society was an honor much appreciated by its citizens. He eulogized the profession of horticulture and floriculture, and said that its existence was an evidence of an advanced stage of development in our industrial life, as the appreciation of beauty was an evidence of refinement. He held that the elevating and humanizing influences of the profession were evident wherever it was practiced. He said that the crowning triumph of civilization is co-operation and unity of action, and he rejoiced that the florists were enjoying its great advantages. He said that the complete reconciliation of the North and South after the great differences that once, unfortunately, divided them, was due more than anything else to visitation and contact between the people of the two sections, such as the gathering of florists from all over the Union now in this city. He assured his hearers that nothing would be left undone to make the stay of the visitors a pleasant one. His eloquent address was received with long continued applause.

Mr. P. O'Mara responded on behalf of the society in his usual happy way. He said that a look at the faces of those present was sufficient response to the eloquent words of welcome. When Mr. Deake was addressing the convention at Buffalo last year he said that angels hovered over the mountains in the vicinity of Asheville, but did not say whether they were Southern or Northern angels. He did say, though, that they were so accommodating as to let their feet hang down sufficiently so they might be tickled; but, said the speaker, the Northern florists did not come to see angels. They came to visit their Southern brothers and to extend to them the hand of fellowship. He said that the business the members were engaged in was founded upon the esthetic sense, and that only those having this sense were able to make a success of it. He referred to the way in which the word gardener had been misused and applied to men who had no title whatever to it. He hoped steps would be taken to preserve the impressive meaning of the name. The president's message was then read by Mr. O'Mara, as follows:

President's Message.

Ladies and Gentlemen:

It is customary for the president to address a few words of greeting to the members on the occasion of the opening of the annual convention, and, although I regret being unable to be with you, I take the opportunity to call your attention to some matters pertinent to the welfare of the society.

The year just passed has, I believe, been a very prosperous one for the great majority of those engaged in commercial floriculture. A large amount of new building has been going on, and that notwithstanding the increased cost of glass and other building materials. This I believe shows our business to be in a healthy condition and is a state of affairs on which we have every reason to congratulate ourselves.

The wisdom of the founders of the Society of American Florists, in giving it the widest scope instead of making it a close trade organization, has been often called in question.

To many it has appeared inconsistent and unnatural to try to combine commercial and amateur gardening under one head. An amateur florist or gardener is interested only from an esthetic standpoint and cares little as to whether gardening as a business be profitable or the reverse. The commercial florist, on the other hand, is in it for a living, or to increase his income. How then could any good be accomplished by trying to combine these two contradictory elements, and why not let the commercial men confine themselves strictly to the business end of the problem and by combination safeguard and promote the interests of the trade only?

To many of us the latter seemed the best course, and many think so still; but the die was cast in the beginning for good or ill and what we have to consider now is the practical results. To all appearances no harm has come of the liberal provisions as to membership; on the contrary, the society remains practically a trade organization for the preservation and promotion of commercial floriculture, while welcoming within its ranks the amateur who desires to aid in the promotion of floriculture for its own sake, and the two elements seem to have worked together in entire harmony. A realization of this fact leads to the thought that perhaps we have not given as much consideration as to how we might utilize the patron or connoisseur as we should have done.

The commercial florist and the amateur are both marching towards the same goal, namely, to make every part of North America blossom like the rose. They march towards this goal for radically different reasons, it is true, but so long as they are going the same way they might as well join forces and get the benefit of co-operation. A beginning in this direction has already been made by offering the society's medals for meritorious new plants exhibited under the auspices of amateur organizations, which move is highly commendable and should be so extended as to include cultural skill on any class of plants, taste and skill in the arrangement and care of flower gardens and grounds, and for conspicuous service in relation to improving by selection or otherwise of any class of plants. Recalling the pride with which prominent men in gardening matters exhibited their Victorian medals while visiting our country suggests to us that services of a similar nature here might be suitably rewarded in the same way and serve also to stimulate and encourage the younger element. When we remember the labors of such men as Paul, Barr, Baker, Elwes, Burbidge and Wallace on the Rose family, the Lily family, the Daffodil family, etc., we can readily see a vista opening out before us in this country where the efforts of the amateur as well as the commercial florist might be stimulated and encouraged by such a body as ours.

There are many families of plants, as for instance, the phlox and the peony, that from various causes are not cultivated as much as they deserve, and which, by concentrating on them the efforts of expert committees, might be made extremely popular over a wide section of the country to the great delight of the amateur and the great profit of the commercial florist. In most sections of this

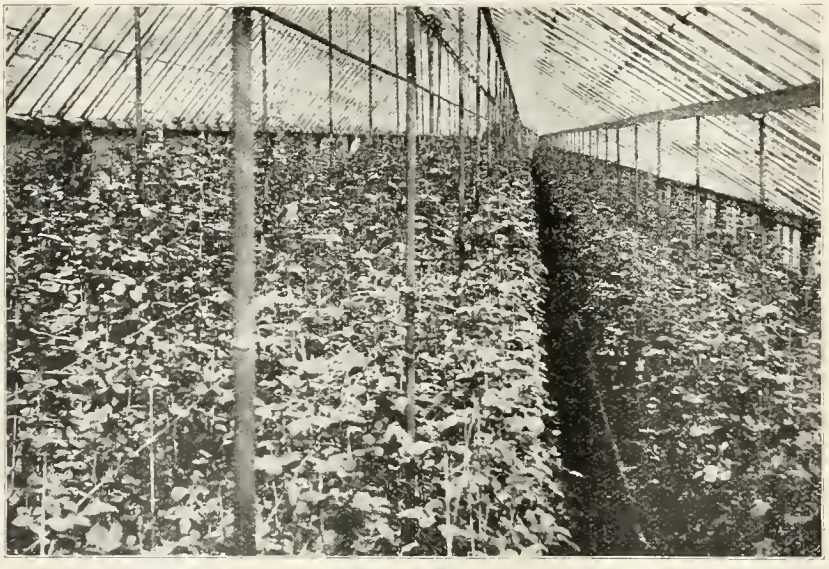
country, particularly in the west, the peony thrives greatly and is a far more satisfactory plant than the rose for outdoor planting. A vast number of inferior forms of this family have been disseminated and the nomenclature of same is in a state of great confusion. Our society could do a good work by appointing an expert committee say on the peony as a starter. A collection of all the named sorts now in commerce could be got together at little expense, as most growers would gladly donate for so laudable a purpose, and the synonyms, the good, the indifferent and the bad forms, could be recorded in an authoritative way. Such a record would be of untold value and would prove a great stimulus to the popularity of the plant. An outgrowth of such a collection might be a peony exhibition at some central point during the height of the flowering season. The funds for carrying on the work of such a committee might be secured partly by appropriation and partly by donation or subscription. The committee should have power to add to its number where desirable and to raise funds for the furtherance of the work under the sanction of the executive officers of the society.

The peony is only one of many hardy plants, but it is a representative one and eminently suitable as a subject to commence with. Too much stress cannot be laid on the point that a commencement should be made, for hardy plants are rapidly coming to the front, and less and less trade is to be expected in soft wooded stock for carpet bedding, which has, for so many years, been the mainstay of a large section of the trade. The question is not whether we approve of the change; we have to make the best of it, for the new order of things is already with us. And in this connection we must observe the vast advance in the laying out and planting of grounds in recent years. The quantities of hardy stock required have been immense and there is every indication that the demand will be on the increase for a long time to come. Every commercial florist who does what is termed "a general trade" and who has as a rule considerable land, or can readily get same, should study this phase of the business and secure his share of the trade in hardy plants. The recent additions to our original title of the words "Ornamental Horticulturists" has published the broadness of our work. The laying out of grounds or landscape gardening is a most important section and we cannot do too much for this branch of gardening. We should deprecate the custom which is common among many of our florists and jobbing gardeners of calling themselves "landscape gardeners." To be able to look after a greenhouse and plant a flower bed may warrant the title of florist, but certainly not that of "landscape gardener." We should also set our faces sternly against the abuse of the word gardener.

A person who milks the cows and mows the lawn is a laborer, or man of all work, and the looseness of expression in common use of calling him a gardener is mainly responsible for bringing an ancient and honorable calling into such disrepute that horticulturists, floriculturists, landscape architects, and a host of other titles have been resorted to which are not nearly as accurate nor appropriate as the old word. Gardening has been in all ages the inclination of kings and the choice of philosophers and, as the Prince de Ligne has it, "is the only passion that augments with age." Our best efforts should be put forth in maintaining the old title in its true significance.

Closer Relations.

Ten years ago President Dean pointed out that the custom of forming out of our own membership so many auxiliary societies was likely to become so pronounced that there would be danger of greatly weakening the parent body. The Chrysanthemum Society, the Carnation Society, the Rose Society, and talk of an Orchid Society, a Dahlia Society, a Fern Society and divers others sufficiently indicated even then the tendency towards disintegration. Ever since that time efforts have been made to stem this tide and to inculcate correct principles of procedure in an opposite direction. Various plans have been put forward, but nothing definite has yet been accomplished excepting the ripening of sentiment in favor of closer relations with these existing independent bodies and of managing such matters in future, either by committees or sections. The committee plan seems to be the most simple, flexible, and natural but an opportunity will be given for a full and free discussion of the merits of various suggestions and no doubt the best will be selected. Several of the brightest minds in the business have been studying the subject for a long time and will put the concrete results before you at this meeting.



House of Beauties at Bassett & Washburn's, Hinsdale, Ill. Planted just after Easter. Photographed Aug. 1st.

Missionary Work.

Missionary work among the children—we should continue to preach the importance of this in season and out of season. We should keep everlastingly at it and endeavor by every means in our power to establish ways and means of interesting the young in gardening. On the continent of Europe they are in advance of us in this direction and it is highly desirable that we should have a full account of the system so that we may be guided by practical experience. This subject was agitated by President Smith at St. Louis in 1893, and at that same meeting Robert Farquhar read an able paper on the subject and it was also advocated then by George C. Watson in his paper "How to Increase a Love of Flowers Among the People." The impressions received in youth are deep and lasting and the training of the young should form a part of every horticultural or floricultural society. Our society ought to have a strong standing committee to attend to this work.

Nomenclature.

Years ago we had an active vigilance committee on nomenclature. They did good work for a while, but of late they seem either to have been asleep or nonexistent. We need these watch-dogs all the time to prevent careless or ignorant dealers from taking advantage of us with old things under new names. A little timely barking from the committee now and again has a powerful deterrent effect and preserves a healthy moral tone in the trade on this subject.

Convention Cities.

We have wandered all over a great part of North America in our annual gatherings of the past, mostly in the east and north as is natural from the density of our trade in these localities, and sometimes have gone west and this year we have come south. This last may not be the largest in point of attendance, but it has several compensating features and its influence both on ourselves and on the south cannot fail but be beneficial. Whenever we go from home we learn something. Whenever we receive a visitor we learn something; not so much in the routine business of the society perhaps, as in keeping our eyes and ears open. When a boy goes to a shop, a factory, or a farm, it is not so much by being told about every little thing that he gets a grip of the business, but by keeping a bright lookout and absorbing as he goes along. If he cannot "catch on" in this way no amount of telling will ever do him any good. To many of us the annual convention is our only chance of seeing distant places and for that reason it seems a wise thing to select a new locality each year. But we ought to

make some provision in the near future for the time when no invitation shall come to us from a desirable locality. In other organizations similar to ours the matter is left in the hands of the executive committee and perhaps that would be the best plan to adopt. That method would certainly give ample opportunity for mature consideration. Of course under this method all obligations, implied or suggested, as to local entertainments would be waived and the place selected would be entirely absolved from any burden in that direction.

House of Bridesmaids at Bassett & Washburn's, Hinsdale, Ill. Planted April 27th. Photographed August 1st. Andrew Benson, the foreman, in the walk.

Executive Committee Work.

A number of matters of importance received the careful consideration of the Executive Committee at its annual meeting in February last, and the action taken then will appear in the reports of the executive officers. One thing that gave the committee cause for much anxious thought and discussion was the lack of a local florists' club to take charge of the exhibition at Asheville. After looking over the ground carefuly from all sides and canvassing the merits of various plans and suggestions it was finally decided to put the exhibition in charge of the secretary, giving him power to get such local assistance as would be necessary. Looking back with the light of experience of the past few months the wisdom of this action has been amply demonstrated. Another thing that gave the committee some trouble was the society's medal for the best plant or flower. The committee has been criticized for the way the medal is offered. The burden of much of this criticism is the assumed impossibility of judging a plant and a flower in the same class. Such an assumption is largely imaginary; and, not only that, if a separate class is made you will at once hear a cry that a chrysanthemum should not be judged in the same class as a carnation and so on without limit. Looked at in the proper light the action of the committee is really the only method possible under the circumstances. The number of societies having the privilege of offering the medal has been increased, and there is every reason to believe that much good will result, as the medal is looked upon as a most unique and valuable distinction from a general floricultural standpoint. The subject of bulb culture in our southern states received the best thought of your executive, and an invitation was extended to all growers of bulbs in the south to submit samples at this convention for testing under the auspices of the society. It is hoped that much good may result from this and an impetus be given to a new industry in our country, it being felt that we have the soil and climate for growing such stock, and, with encouragement from the society, it would soon be unnecessary to send abroad for supplies of that nature.

Life Membership.

It is noted with satisfaction that there has been a considerable increase in the list of life members. There is nothing that can add to the stability of the society better than a large life membership, and it is sincerely hoped that many more will avail themselves of the privilege.

Exhibitions.

When we reflect that our society was formed to encourage floriculture and that an exhibition of flowers is one of the most potent methods of spreading a love of flowers among the people, we must admit that it is our duty to encourage exhibition by every means in our power. We who make our living by commercial floriculture should never lose sight of the fact the more people who take an interest in flower plants there are, the better will be the florist's business in general. Too many of us are apt to be indifferent, and even hostile, sometimes, to exhibitions because as we say "they don't pay." That is, we are short-sighted enough to consider the box office to be the only criterion. That attitude is a very great mistake. We ought to take a broader view and consider the general effect on the public and its reaction from them to our business in course of time if we keep persistently at it. We should be emphatic in our approval of the flower show at all times.

It now becomes my duty to perform the saddest part, namely, the recording of the deaths of seven of our members during the year just passed. Most of them you were familiar with, they having been active in the society almost since its institution, and one of them, indeed, was elected to the highest honor in your gift. Their wise counsels and genial personalities will be sadly missed, and it will be a long time before we can adequately fill their places in the future.

Naming the Judges.

The names of the judges of the various classes in the trade exhibit were announced and Secretary Stewart read his annual report, as follows:

Report of the Secretary.

One year ago the Society of American Florists and Ornamental Horticulturists met at Buffalo, N. Y., amid the excitement attending a great exposition; today we hold our 8th annual convention in this peaceful mountain city of the South.

Almost a thousand miles removed from the scenes of our recent activities, our banner floats in unfamiliar territory and we appeal to a new constituency. True, the steadfast friends who have stood in our ranks, unfalteringly loyal, in the days of prosperity and adversity alike, are here in goodly numbers, and we know that many others, unavoidably absent, are thinking of us, reviewing with the mind's eye the events that are here transpiring, and hearts warm with good wishes for the society they love; but many new faces greet us here today as we present our plea and invite our brothers of the South to join with us in a united effort to open up new channels of industry that will bring in the coming years prestige and material advancement to American horticulture.

To meet in a place so remote from the scenes of our earlier labors, and yet retain without serious interruption the adherence of the rank and file of our membership, would not have been believed possible a few years ago, in the days when the location and accessibility of the annual convention was the gauge of our fluctuating membership roll. A steady trend towards a more permanent membership, the desirability of which has been frequently referred to by your secretary, now seems happily inaugurated, and, as indicating a faith in the society's usefulness and approval of its methods by our conservative business and scientific men, is one of the most hopeful signs in our career at the present time.

The whole number of members in good standing as recorded in the annual report was 921, 50 being life members and 881 annual members. We have lost 7 of these by death since the last meeting, and 144 members have either resigned or forfeited their membership by non-payment of dues for the year 1902.

The list of deaths is as follows:

Edmund M. Wood, Dec. 12, 1901.
Charles Connon, Jan. 25, 1902.
Thomas J. Winters, Jan. 31, 1902.
James Comley, Feb. 1, 1902.
Conrad Eichholz, March 23, 1902.
A. Whitcomb, April 24, 1902.
W. G. Bertermann, June 29, 1902.

One hundred ninety-two members were added, of whom 6 are life members, and 12 annual members have changed to life membership by payment of the requisite fee. The new members are severally credited to the various states as follows: Florida, Iowa, Louisiana, Minnesota, New Hampshire, Oregon, Virginia,

Hawaiian Islands and Australia, one each; North Carolina, Rhode Island and Canada, two each; Colorado, Connecticut, Indiana and Kentucky, three each; Wisconsin, four; District of Columbia, five; Missouri, seven; New Jersey, eight; Maryland and Michigan, nine each; Illinois, fourteen; Ohio, seventeen; Massachusetts, twenty-two; Pennsylvania, twenty six; New York, forty-two.

It is unnecessary here to refer at any length to the proceedings of the convention at Buffalo, as this is fully recorded in the annual printed report. It was in every respect a creditable and successful meeting and the sessions were generally well attended, notwithstanding the attractions of the Pan-American Exposition. The principal enactments of the society were the acceptance of the national charter, the transfer of the assets to the new corporation and the adoption of a new constitution practically as reported by the incorporators, with the exception of the clause in reference to cooperative relations with other organizations. This matter is again before us for consideration at this convention. It is to be hoped that every member here will make it his duty to be present and assist in settling wisely this important question so that not alone individual, sectional or corporate benefit may accrue, but that the advancement of American ornamental horticulture in its broadest sense may be hastened.

Besides a full account of the proceedings, the printed report contains valuable contributions on the Red Spider by Prof. F. H. Chittenden, and Thrips in Greenhouses by Prof. W. E. Hinds, reports of local progress from the various state vice-presidents, reports of exhibition committees, list of plants registered, list of plant introductions in America in 1901, state laws, and regulations of foreign governments regarding inspection and transportation of plants, special express rates on plants, bulbs and seeds, report of superintendent of sports, the charter and constitution of the society, list of members and accounts of summer meetings of auxiliary societies. The number of plant introductions for the year included 8 cannas, 25 carnations, 32 chrysanthemums, 11 roses and 40 miscellaneous. The wide-spread demand for copies of the volume is the best indication of its value as a book of reference.

The following named new plants have been registered by members during the year:

Aug. 13, 1902, Rose Climbing Clothilde Soupert by P. J. Berckmans Co.

Aug. 21, 1902, Rose Freedom by Arthur Griffin.

Aug. 22, 1902, Cattleya Harrisoniae superbissima, Cattleya speciosissima lilacina, and Cattleya speciosissima striata marginata by Lager & Hurrell.

Aug. 26, 1901, Cattleya Gaskelliana Mrs. Hugh J. Grant by Lager & Hurrell.

Aug. 30, 1901, Rose Philadelphia and Canna Mont Blanc by Conard & Jones Co.

Aug. 31, 1901, Rose Queen Victoria by Good & Reese Co.

Sept. 27, 1901, Rose Mrs. Theodore Roosevelt and Rose Mark Twain by Peter Henderson & Co.

Oct. 10, 1901, Carnation Dr. W. Seward Webb by J. B. Trudo.

Oct. 14, 1901, Rose Lady Gay by M. H. Walsh.

Nov. 4, 1901, Canna President Roosevelt by C. W. Ward.

Nov. 15, 1901, Rose Dorothy Perkins by Jackson & Perkins Co.

Nov. 16, 1901, Rose Nestor, Rose Young America and Rose Atlas by Schmidt & Botley.

Dec. 7, 1901, Cannas Duke of York, Duchess of York, Eastern Beauty, Evolution, Brandywine, Striped Beauty, Niagara, Queen of Holland, and Cherokee by Conard & Jones Co.

Dec. 20, 1901, Sweet Pea Christmas Comtes and Sweet Pea Christmas Captain by A. C. Zvolanek.

January 14, 1902, Rose Miss Alice Roosevelt by American Rose Co.

February 25, 1902, Zonal Geraniums J. D. Eisele, Jas. Davidson, Jupiter and Venus by Henry Eichholz.

March 3, 1902, Carnation Seth Low by E. G. Hill Co.

March 8, 1902, Carnation White Layde by A. L. Thorne.

May 10, 1902, Rose The Farquhar by R. & J. Farquhar & Co.

May 14, 1902, Zonal Geranium Harriet Cleary by J. M. Horsburgh.

May 15, 1902, Rose Queen Madge by C. S. FitzSimmons.

July 2, 1902, Dahlia Uncle Sam, Dahlia Alex Wallace, and Dahlia Mrs. E. T. Royle by H. Beaulieu.

July 26, 1902, Dahlia Wm. Scott by H. Beaulieu.

July 28, 1902, Cattleya Hardyana Mrs. Geo. Schlegel by Lager & Hurrell.

July 31, 1902, Rose Wedding Bells, Rose Princess and Rose Urania by M. H. Walsh.

August 1, 1902, Carnation Miss Aimee by J. B. Trudo.

August 2, 1902, Hydrangea Hortensis superba by M. H. Walsh.

Medals have been awarded as follows during the year: Through The American Carnation Society, a silver medal to R. Witterstaetter for Carnation Adonis; a bronze medal to R. Witterstaetter for Carnation Albatross.

Through the Horticultural Society of Chicago, a silver medal to The Chicago Carnation Company for Carnation Harlowarden.

Through the Pennsylvania Horticultural Society, a silver medal to John N. May for Rose Mrs. Oliver Ames; a bronze medal to Edwin Lonsdale for Cypripedium Wyndmooreanum.

Through the New York Florists' Club, a silver medal to J. N. May for Rose Mrs. Oliver Ames.

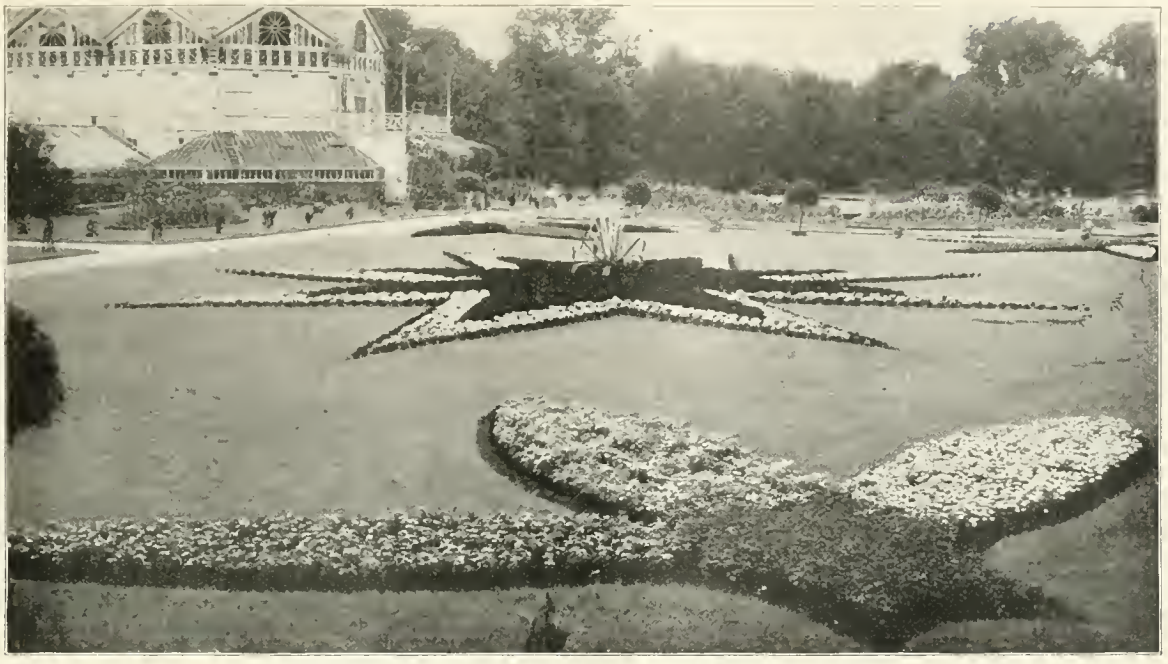
Through the New Jersey Floricultural Society, a silver medal to John N. May for Rose Mrs. Oliver Ames.

Through the State Florists' Association of Indiana, a silver medal to H. W. Rieman for Chrysanthemum Majestic; a bronze medal to John Hartje for Carnation Snowdrift.

Through the Newport Horticultural Society, a bronze medal for Cypripedium Gardnerianum (insigne x barbatum).

The Executive Board convened at Asheville on March 4, 5, 6, 1902, all the members except three being present. Matters considered, in addition to the general program and arrangements for this convention, were the identity of the rose Helen Gould with the old Baldwin, the auditing of the treasurer's report, proposed legislation in Congress regarding the inspection and fumigation of nursery stock, the method of awarding the society's medals through other organizations, the testing of American grown bulbs for forcing purposes, the proposed plant breeding conference at New York city and the question of closer relations with kindred societies. Owing to the fact that there is no florists' organization in Asheville to whom the work of arranging for the trade exhibition could be delegated, as has been customary in recent years, this duty was intrusted to the Secretary with instructions that the maximum charge for exhibition space should be 20c per square foot instead of 25c as heretofore. It was decided to recom-

Greenhouses of Mr. Geo. M. Kellogg, Pleasant Hill, Mo.



Fancy Bedding at Humboldt Park, Chicago. Max Kleppin, Gardener.

mend to the society the reestablishment of the Nomenclature committee.

The program for the meeting as outlined by the Executive Board and published in the preliminary bulletin has undergone some alterations necessitated by the recent sad bereavement sustained by our President and the inability of one of our speakers, Mr. Carmody, to be present and fill his assignment on the program. At the last moment, we are apprised of the sudden illness of another of our essayists, Mr. Edgar Sanders, but fortunately Mr. Sanders had prepared his paper before he was stricken down and it will be presented in due time.

The various committees and, as a rule, the state vice-presidents, have done earnest, thorough work for the society, and have been at all times ready and willing to respond to any call made upon them from the secretary's office. To them and to the members generally your secretary is indebted for considerate co-operation and friendly counsel in the many emergencies and perplexities that have arisen during the year. Never before has the interest in the society seemed so widespread and earnest among its members, and this fact augurs well for the future of the old, yet ever young, S. A. F.

Wm. J. Stewart,
Secretary.

Report of the Treasurer.

Treasurer Beatty then presented his annual report, showing that in the general fund the balance on hand Jan. 1, 1901, was $1,756.02. And receipts for the year 1901 were $2,482.91, making a total of $4,238.93. The expenditures during the year were $2,127.82, leaving a balance of $2,111.11 on hand Jan. 1, 1902. In the life membership fund the balance on hand Jan. 1, 1901, was $954.45, and the receipts during the year were $620.23, making a total of $1,574.68 on hand Jan. 1, 1902. On August 1, 1902, the balance in the general fund was $2,430.56, and in the life membership fund $5,764.81.

The reports of the state vice-presidents were presented, and were on motion ordered printed in the annual report.

The legislative committee made a report of progress. A committee consisting of Messrs. A. Graham, E. G. Hill and C. W. Ward was appointed to suggest action on the matters mentioned in the president's message. A message from the Pacific Coast florists, expressing their wishes for a successful convention, was read and received with applause.

In response to a request signed by many members, a committee consisting of William Scott, C. W. Ward, M. H. Harris, F. R. Pierson and S. J. Reuter was appointed to petition President Roosevelt to take action looking to the settlement by arbitration of the coal strike; to remove the duty on coal until the strike is settled, that the menace to the very life of the greenhouse business may be removed before cold weather makes it too late.

A committee of three consisting of Messrs. P. O'Mara, F. R. Mathison and George C. Watson was appointed to draft suitable resolutions upon the death of ex-President Wood and to prepare a message of condolence to President Burton. The illness of Edgar Sanders, of Chicago, being brought to the notice of the convention, a committee was appointed to send him a telegram of sympathy, and the following telegram was sent:

"By unanimous vote the Society of American Florists sends you condolences and regrets upon your illness and earnestly hopes for your speedy recovery.

William R. Smith,
William Scott,
G. L. Grant,
Committee."

Owing to the absence of the president, the usual reception on Tuesday evening was not held, but the members congregated at the hall for an inspection of the exhibition and informal social intercourse while listening to some excellent music on the grand organ in the auditorium.

The Exhibition.

The exhibits were very large and comprehensive, considering the distance they had to be shipped, and in fact there was an overflow from the hall, M. Rice & Co., of Philadelphia, having their large display of choice novelties in florists' supplies and fine ribbons, etc., in a parlor of the Battery Park Hotel, where a host of visitors was deeply interested; and here the firm kept open house, having a punch-bowl well filled and cigars bearing their own label, while fans bearing their name were freely distributed. That their display might not be overlooked, each one entering the Convention Hall was given a very official-looking summons with a big red seal to appear before the Court of Wonderful Exhibit.

In the Convention Hall H. Bayersdorfer & Co., of Philadelphia, also had a very large and comprehensive display of florists' supplies, including a host of attractive novelties.

H. A. Dreer, Philadelphia, had, as usual, a very large exhibit of palms, ferns and similar plants, also bulbs, glazing points, etc.

J. A. Peterson, Cincinnati, had a fine display of Begonia Lorraine and Pandanus Veitchii.

Charles D. Ball, Holmesburg, Philadelphia, Pa., a fine display of palms and other decorative plants.

S. S. Pennock, Philadelphia, an extensive display of fine ribbons for florists.

H. Siebrecht & Son, New Rochelle, N. Y., a large display of palms and other decorative plants.

Robert Craig & Son, Philadelphia, fine palms and crotons.

Arthur Cowee, Berlin, N. Y., two large tables of gaillardias blooms of his choice strain.

The Lord & Burnham Co., New York, showed one of their new small boilers, composed of two shells, one inside of the other and each cast in one piece. Also a model of greenhouse construction showing their iron gutter, supported by both iron posts and iron arches, angle iron plate and cast iron posts; also new attachment to their ventilation machinery.

F. R. Pierson Co., Tarrytown, N. Y., made a large display of fine plants of the new Nephrolepis Piersoni. This novelty attracted much attention and

favorable comment. It is certainly a fine thing.

The new Foster fern was shown nearby by L. H. Foster, Dorchester, Mass., and it was a splendid opportunity to compare these two variations from the Boston fern. Both are decided acquisitions.

Cluces & Boddington Co., New York, made a display of Harrisii bulbs and of Oncidium varicosum Rogersii with a sign saying that this was the most profitable orchid. We believe they are not far from correct in this. We must have Cattleyas and others, but this Oncidium is such a free bloomer and the long spikes are so magnificently decorative, as well as graceful, that it should not be overlooked.

Stumpp & Walter Co., New York, made a large display of bulbs in variety and also of novelties in ferneries and similar goods that was very attractive and interesting.

P. J. Berckmans Co., Augusta, Ga., made an extensive display of palms, caladiums, potted conifers and other trees and plants in addition to general nursery stock.

Henry Eichholz, Waynesboro, Pa., showed a collection of his new geraniums in bloom, and they attracted much attention.

W. J. Cowee, Berlin, N. Y., showed his machine-wired toothpicks.

Mrs. H. Rehder, Wilmington, N. C., native Sarracenia Dionæa, etc.

H. M. Altick, Dayton, Ohio, folding boxes and labels.

James M. Lamb, Fayetteville, N. C., native plants and flowers in variety.

The Florists' Exchange, New York, horticultural books.

Lemuel Ball, Wissinoming, Pa., palms and other decorative plants.

Pinehurst Nurseries, Pinehurst, N. C., an extensive display of hardy plants and trees.

J. Stern, Philadelphia, was a new exhibitor of florists' supplies and he had an extensive line.

J. G. & A. Esler, Saddle River, N. J., showed samples of their hose.

Schloss Bros., New York, displayed a full line of ribbons.

W. C. Krick, Brooklyn, N. Y., was on hand with his usual display of immortelle letters and designs.

The Chadborn Mfg. Co., Newburgh, N. Y., had a model of a greenhouse with their automatic ventilating machinery in operation.

W. H. Ernest, Washington, D. C., showed a collection of well-made pots.

The Dillon Greenhouse Mfg. Co., Bloomsburg, Pa., had a novelty in the way of concrete composition gutters, posts, and plates that seemed indestructible and strong. A curious feature was that nails could be driven into the composition with about the same ease as into seasoned oak.

The Challenge Ventilator was to be seen in operation, as was also J. A. Evans, the exhibitor.

Sections of his iron gutters were displayed by George M. Garland, Desplaines, Ill., including a new pattern in which the drip conductor reaches much higher than in the other styles.

H. F. Michell, Philadelphia, showed Harrissii bulbs.

George Wittbold Co., Chicago, sample palms and ferns.

Vaughan's Seed Store, Chicago, bulbs in variety.

Segers Bros., Lisse, Holland, a full line of Dutch bulbs.

Judson Kramer, Cedar Rapids, Ia., an iron pipe frame greenhouse and a pot-hanger.

Central Foundry Co., New York, pipe and new style of pipe joints.

L. B. Brague, Hinsdale, Mass., hardy ferns, sphagnum moss and evergreen trees.

A. C. Oelschig, Savannah, Ga., rubber plants both plain and variegated, a fine lot.

Brooks Sisters, Sorrento, Fla., plants and seeds.

Jno. F. Croom & Bro., Magnolia, N. C., an immense plant of Caladium esculentum in a tub and tuberose plants and bulbs.

H. J. Smith, Hinsdale, Mass., ferns, moss and Christmas trees.

Robert Kift, Philadelphia, a full line of his vase rods and vase stands.

The U. S. Botanic Garden, Washington, a very interesting collection of nepenthes and other rare plants.

A. Rasmussen, New Albany, Ind., iron ventilator frame.

Jessamine Gardens, Jessamine, Fla., orange trees in fruit and some of the immense bulbs of Crinum Kirkii.

J. L. Banner & Co., Montezuma, N. C., galax and leucothoe.

In front of the building there were several exhibits of plants that had been bedded out early in the season and across the street was a huge bed of 300 Egandale cannas, bordered by coleus, which was the exhibit of Fritz Bahr, Highland Park, Ill., and a bed of the new canna, West Virginia, and another of the new geranium, Mrs. Gov. Jackson, both shown by Gus Obermeyer, Parkersburg, W. Va.

In the plant classes the judges awarded Henry A. Dreer a certificate of merit for display. A. C. Oelschig was highly commended for his exhibit of rubbers. The P. J. Berckmans Co. was highly commended and the Pinehurst Nursery received honorable mention. C. D. Ball received a certificate of merit, and H. Eichholz honorable mention. Lemuel Ball's display was highly commended, and Mrs. H. Rehder and J. M. Lamb each received honorable mention. J. A. Peterson and R. Craig & Son received certificates of merit, and Geo. Wittbold Co. was given honorable mention. Siebrecht & Son won a certificate of merit and Cluces & Boddington Co. and the Jessamine Gardens were given honorable mention. R. Bottomley, gardener at the Biltmore estate, was awarded the society's silver medal for the magnificent plants used in decorating the hall. The silver medal was also awarded to Mr. Smith of the U. S. Botanic Garden for his display of rare plants. The Foster fern received a certificate of merit and the Pierson fern was awarded the secretary's gold medal, the judges saying they considered it the finest decorative fern introduced in many years. In the cut flower classes a certificate of merit was awarded to Arthur Cowee for his gladioli.

In the classes for boilers, etc., The Lord & Burnham Co. received a certificate for the new boiler shown, the judges expressing the opinion that having the casing in one piece was a decided advantage. H. Thaden & Co., Atlanta, Ga., received a certificate of merit for the iron wire tendril plant support. Judson Kramer received a certificate of merit for his system of greenhouse construction and for a pot hanger. The Detroit Flower Pot Manufacturing Co. received a certificate for their new model pot which assures quick drainage and a strong bottom.

Honorable mention was given to A. Rasmussen for iron ventilator frame. To the Dillon Greenhouse Mfg. Co. for composition gutters and plates. To Central Foundry Co. for pipes and couplings. To the Chadbourn Mfg. Co. for automatic ventilator To Quaker City Machine Works for ventilator. To Geo. M. Garland for iron gutters.

In the bulb classes, the Brooks Sisters and the Jessamine Gardens were highly commended.

At the Wednesday morning session Mr. C. W. Ward of the committee on fertilizers read an interesting and instructive report, and in view of the fact that the committee had gone as far as it could in the matter, requested that it be discharged. This was done and the thanks of the society voted.

In the discussion, Mr. O'Mara emphasized the necessity of being careful in the selection of even cow manure by telling of a grower who lost several houses of roses by using cow manure from a place where he afterward learned they had used large quantities of deodorizers in the cow stables.

The committee on resolutions of condolence to President Burton, made their report, and it was adopted, as were also the resolutions on the death of ex-President Wood.

The report of the committee on the president's message was rather mixed, each member making an individual report. There was an extended discussion of several matters.

Mr. Graham recommended the appointment of a committee on paeonies, with Mr. Ward as chairman.

Mr. Hill thought the selection of a city for the next convention should be referred to the Executive Committee and that its recommendation be then acted upon by the convention.

Mr. Ward declined to act as chairman of a paeony committee for the reason that a paeony society was now in process of organization. He warned the society against the dangers of any further centralizing the governing powers of the body and of making the members feel less interest in their right to speak and vote.

After several motions had been made regarding the selection of the place of meeting next year, the whole matter was laid on the table, and the convention proceeded to make its selection in the usual manner.

Mr. F. R. Mathison then read his paper as follows:

The Needs of the Commercial Florist in the North.

Mr. President, Ladies and Gentlemen:

A year ago the Society of American Florists was cordially invited to meet in convention in the "Land of the Sky." As an inducement we were told the angels would be near to us. We see them now. We feel very much at home in their presence, knowing them to be loyal friends of the society, which at all times is endeavoring to do something for the beautiful, yes, for the angels and for the advancement of horticulture and floriculture in every state, town, and hamlet in the Union. The society feels confident of the hearty co-operation of its members in

the south and the ladies and gentlemen present.

The subject allotted to me by the Executive Committee—some of the wants of the north, east, and west, in the line of plants, trees, shrubs, vines, bulbs, tuberoses stocks for budding, grafting, etc., by the commercial florist, the landscape architect, the park and cemetery superintendents, the private and the jobbing gardener. Their wants and requirements to successfuly carry on their various lines of horticulture are varied and many. The usual way of supplying these wants is by importing them from foreign countries, European countries in particular, at great cost and much risk, and frequently with unsatisfactory results in general. Without going into details the imports into the United States of plants, trees, and bulbs, and other horticultural products, seeds not included, from January, 1901, to March, 1902, in round numbers to the value of $1,500,000. I am informed by a gentleman who is in a position to know, that the imports in horticultural goods would average over $1,000,000 a year for the past four years, with imports on the increase, but the exports were less than $100,000 per year.

Cereus Grandiflorus in Bloom at Humboldt Park, Chicago. Max Kleppin, Gardener.

Now, my friends of the south, is it necessary that the florists of the United States should continue to pay out so much money for imports and receive so little for exports. With this great, great country at our feet, it has been said that about everything we import can be produced between Virginia and Texas. Without going into items some of the principal imports are azaleas, bay trees, spirea, rhododendrons, trees and shrubbery. These heavy and bulky goods cost about 60 per cent freight and customs-duty alone. Hybrid roses in great quantities, Manetti stocks by the million, palms in variety, lily of the valley by the million, bulbs and tuberoses in unlimited quantities at an advance on their original cost of not less than 50 per cent for freights and customs duty. I do not know of any good reason why this country should not become a great exporter horticulturally as well as a large importer. A free interchange of merchandise is the very life of our business. The government at Washington is doing a good work on the right lines by organizing the Bureau of Plant Industry. Already good results have been secured by following the policy thus laid down, and important plant problems are being studied.

A foreign visitor to Massachusetts, who is connected with the Royal Netherlands Nurseries, Hillegom, Holland, an authority on tulips, says: "Twenty-five of his countrymen connected with the bulb exporting business are about to visit the United States in connection with that industry." He is reported as saying, Holland annually sends to this country $1,000,000 worth of bulbs from which the United States gets $250,000 in duties. I think the above goes to show that the gentleman from Holland thinks favorably of some part of this country for the growing of bulbs.

A clipping from a Dutch correspondent to the Horticultural Trade Journal says: "Seldom, if ever, has the month of May kept us in such a continuous wintry temperature as this year, and bulb crops are very likely to show the results. This refers more especially to tulips which must have their principal growth in the month of May. Hyacinths have not suffered quite so much, their growth is made later. It will greatly depend upon the weather we get in June if we get a fairly good crop." I think the gentlemen from Holland have some good reasons for looking up new and more favorable locations where climatic conditions play such an important part in the bulb industry.

What is the south doing on these lines? What are the prospects of American-grown bulbs?

Mr. Buechi, Buffalo, N. Y., has for several years successfully grown White Romans. His stock of 10,000 were equal in all respects to the French bulbs delivered in 1901. Will force fully as well as the French stock and they can be produced in this country at less cost than the imported ones. He grows them in muck land, and the richer the better.

State Vice-President Lilenthall, San Francisco, is in receipt of a communication from the Department of Agriculture, at Washington, containing a valuable amount of information relative to the bulb industry, which he is anxious to see introduced into California. Owing to its climatic advantages as a bulb producing section, Secretary Wilson, Department of Agriculture, announces his active sympathy with the horticulturists of California in their efforts to secure this profitable field of commercial gardening. There are other states in the Union that can justly claim genial temperatures and congenial soils that can produce almost anything from peanuts to a full-grown stately pine.

The state of North Carolina is one of the oldest of the colonies and one of the original thirteen states, but her history horticulturally is not so generally known as some of the other states, still it is said to be the greatest botanical state in the Union. On her soil was the first settlement in the United States, the first white child of English parentage was born, the white people of this state probably represent today the purest type of American citizen in the Union.

But it is not the history of the State I will speak of, but some of the resources of the state and the south in general as they exist in the present, and the great possibilities for future development horticulturally. No other one thing contributes so much to satisfactory results in horticulture as a favorable climate, which this state has. There are none of the extremes of heat and cold, rainfall or drought, and the geographical position and topographical features of North Carolina afford a variety of soil and climate hardly to be found elsewhere within the same range of territory. This variety of soil and climate makes one of the richest in the American Union. There is no section of the state in which some variety of fruit, vegetables, or flowers cannot be grown profitably. Of strawberries, peaches and apples, not forgetting the peanuts, not less than 100,000 acres were planted in the year 1900, with a production of about 4,000,000 bushels. Another profitable field is the production of plants and bulbs. While this industry has received but little attention, whenever experiments have been made very satisfactory results have been shown. The above are a few extracts from the Congressional Record by Mr. Small, M. C., June 28th, 1902.

It is generally understood by gentlemen in active business and well versed in everything pertaining to horticulture that a great many plants, trees, shrubs, bulbs, and things too numerous to mention here, that at the present time are being imported at great cost and much risk, can be grown on the American continent. I do not pretend to tell the florists and nurserymen of the south what to grow, or what not to grow, for I am not well enough acquainted with the conditions and conveniences to give such advice in any particular state or locality, but I do know some of the wants and needs of the east and west in the line of horticultural products.

This state is making rapid progress in some lines, notably in raising fruit. In 1890 there were in the state in round numbers 1,250,000 apple trees; in 1900, 6,500,000; peaches increased in the same time 30 per cent; plums, prunes and pears increased more than threefold in ten years. Value of manufactured tobacco in 1890, $4,375,000. In 1899, 7,000 acres were devoted to small fruits alone. There were 5,600 acres of strawberries, the total yield for 1899 was 10,700,000 quarts. This business was started only twenty-seven years ago and is increasing rapidly. Large sections of the state are within a belt where frost is not known, but the floricultural establishments are not keeping up to the pace set by market gardeners. By the census statistics for June, 1900, only fifteen establishments are given with ninety acres of improved land. Value of land, buildings and implements, only $27,000. Value of products, $25,000; expended for labor, $4,000. This is a small showing for such a large and fertile state. It is earnestly hoped and it is confidently predicted, that the gathering of the S. A. F. in the south will be of inestimable value, not only to the south in general but to the horticultural world at large.

It is up to the florists and nurserymen of the state of North Carolina in particular, and to the south in general, to take advantage of the present opportunity by putting their shoulders to the wheel and prove to the florists of America and the world what they can do and will do for the advancement of the noblest and grandest work, horticulture. It has been proven that this state can grow tuberoses to perfection; the choicest kinds of dahlias will increase threefold faster than in any other known place, and lily of the valley is indigencus to the state. No doubt that it can be successfully grown and be much better ripened than that which comes from Europe. The demand for first-class pips the past five years has been enormous.

A gentleman, an acknowledged authority, says all kinds of tulips, narcissi, freesias, tuberoses and the general collection of Holland bulbs can be grown in this state successfully for commercial uses. Rhododendrons are native here, and they luxuriate in the ravines and dells of the mountains. The foundation is right here, with water in unlimited quantities, and it seems as though the grandest collection the world ever saw could be raised here, but we still keep on importing at high cost with 60 per cent added for freight and customs duty, with a shortage at the present time in Europe. Millions of Manetti are imported yearly at a cost of not less than $12 per thousand on the average to the consumer. They can be grown, and are to a limited extent, in South Carolina, and are as easy to grow as watermelons.

Again we are buying from Holland large quantities H. P. budded roses, anywhere from three to eight inches from the ground, taken from wet land in an unripened condition, not even losing their foliage in some cases, before being packed for shipment. They lie around the vicinity of New York till spring, are then sent broadcast to auction rooms, department stores, and other places to be distributed to the public usually with such unsatisfactory results as to be a positive injury to this branch of the business. In numerous instances clematis and other vines, Indian and Ghent azaleas, and a general collection of shrubbery are kept in storage so long that they are practically useless for ornamental or any other planting, and a sure disappointment to the last purchaser. Ordinary kinds of shrubs and the native evergreens in suitable sizes for immediate planting were not easily found two or three years ago. Red oak and pin oak could not be found in the eastern part of the country to plant a boulevard in Massachusetts, and this is the land of hard wooded trees, North Carolina. Low budded H. P. roses can be and are grown in South Carolina. Samples sent to Massachusetts last winter were all right; nice plants, well ripened; forced for Easter, and were satisfactory to those concerned. A consignment of Crimson Ramblers from the same state arrived in Massachusetts in the pink of condition, wood well ripened clean out to the points, the best forcing plants we had for the spring of 1902.

Another class of bulbs we have been importing of late years at heavy cost and little profit, with little prospect of geting anything better. I refer to the lilium bulbs. The Bermudas are unreliable. The Japanese are decidedly worse this year. From press reports the outlook in Japan is very discouraging. One grower in my section forced about 60,000 bulbs for last Easter, with over 50 per cent loss by disease partly, and apparently, by no care being given to selection. The Department of Agriculture at Washington has been carefuly looking into the matter and says some of the causes are indiscriminate propagation and in a great measure lifting out of the ground before they are ripe.

Here is an opportunity for the bulb grower of the south. Now what will the florists and nurserymen of the south do? The S. A. F. is here to talk and advise with you on many important matters in regard to this great and growing industry. We hope and we feel confident that an impetus will be given to the business within the south. We want to receive your bills of lading and some of the products of this vast territory at our feet, the "Sunny South." We hope for more and closer business relations with our friends and co-laborers from the great south. Let progress be the watchword in floriculture and horticulture in every branch. I believe most firmly in the future greatness of American horticulture. Our markets are unlimited. I see no reason why we cannot become a nation of exporters as well as importers, and compete with Europe and Japan. In the past five years horticulture has advanced more rapidly in the United States than at any period in history, and is exciting the admiration and wonder of the horticultural world. In round numbers, June 1st, 1901, the number of florist establishments in the United States was more than 6,000 with 43,000 acres of improved land. The value of land, buildings, and implements was $52,000,000, value of the product about $18,500,000. The same date, number of nurseries 750, with 52,000 acres of land, value of land and buildings, $8,500,000. The imports of seeds first five months 1902, value $1,630,139. Exports same date, $1,536,350.

So the florists, nurserymen, and seed growers in America are importing more than is exported in the same line of goods. This is not as it should be.

Mr. Wm. R. Smith then read his remarks on the bulb situation.

Remarks on the Bulb Situation.

To help find a commercial home for bulbs that can be grown in this country instead of being imported, has been in my mind for some years. This is a matter I consider of great importance, and worthy of careful consideration by this society. I have made an effort to obtain information as to the value and quantity of Roman hyacinths, tulips, narcissi, and lily-pips imported annually, but have failed. I addressed a letter to the Hon. Secretary of the Treasury, which he promptly referred to the Bureau of Statistics. Mr. O. P. Austin, chief of that bureau, furnishes the following table:

"Imports of value on orchids, palms, dracænas, crotons and azaleas, tulips, etc., for consumption in the United States, by principal customs districts, and all other districts for the year ending June 30, 1901.

Year Ending June 30 1901.

"Orchids, palms, dracænas, crotons and azaleas, tulips, hyacinths, narcissi, jonquils, lilies of the valley, and all other bulbs, bulbous roots or corms, which are cultivated for their flowers:

Custom Districts.	
New York, N. Y.	$415,101
Boston, Mass.	41,555
Philadelphia, Pa.	137,651
Chicago, Ill.	40,363
All other districts.	129,788
Total.	$764,458

Treasury Department, July 22, 1902. (No quantities stated.)"

"Treasury Department, July 22, 1902. "(No quantities stated.)"

Mr. Austin says, in a letter addressed to me, that he had requested the collectors of customs at New York, Philadelphia, Boston and Chicago, for any further information they could give but owing to the classification they could not furnish separate information on the articles asked for.

We beg leave here to acknowledge the kind courtesies of Mr. Austin. Mr. Powers, chief statistician of the census office, also kindly endeavored to secure information for me on the same subject, from leading firms in the various cities, but for the same and other reasons he tailed to elicit reliable information; enough, however, was obtained to make it an object that those bulbs, of easy culture, not requiring extra skilled labor, can be grown successfully somewhere in the United States, and the quantity used can be doubled and made an object of interest. There are numerous other bulbs imported, that can and will before long be grown by enthusiastic experts in this country. We have the advantage of cheap land as against cheap labor. Already the gladioli, freesias and tuberoses are exports. Of the latter the large output of $45,000 is not all for florists' purposes, I am informed. Grease and glass, at Grasse, near Nice, consume an immense quantity of tuberose flowers, and a monopoly from natural causes secures this, and will secure others as exports. An interesting and instructive article on this subject can be found in Appleton's Popular Scientific Monthly of

John Burton, Re-elected President Society of American Florists.

November, 1897. In the same article Kruger is stated to have discovered an artificial violet perfume in the iris root. Whether the Lilium longiflorum and its variety, Harrisii, can be grown for market purposes in the state of Washington and state of Texas, as intelligent correspondents seem to think, is still an open question. With 6,159 intelligent heads of commercial florists' establishments scattered over the whole land, representing, as they do, an investment of $50,708,671, urging them to vigilant care for their best interests, it is not to be doubted that a commercial home in some of the various states and territories will be found for those articles, so valuable in developing the esthetic soul of the American people.

The discussion that will follow to-day, and in the trade papers on this subject, will soon disseminate all useful and interesting information, and we will thus add another wreath to the good old S. A. F., which has, in my opinion, been an important factor in improving our profession. The following extract from an advance sheet, kindly furnished by L. G. Powers, Agricultural Division, Census Office, shows the magnitude of the commercial florist business:

"The annual income from cut flowers is estimated at $12,000,000 to $14,000,000. Upon this basis the sale of roses averages $6,000,000 annually, with an annual production of 100,000,000. The violet is third with sales of $750,000, and an annual production of 75,000,000. The chrysanthemum sales equal $500,000, the season for the sale of this flower being short. In another part of the report, it is stated, the total product was $18,422,522, and the retail value would be at least $30,000,000, since between the grower and consumer there is sufficient expense and waste to nearly double the value."

Prof. Massey was not present and the subject assigned him was deferred.

Written invitations for next year were then read from Baltimore, Milwaukee, Washington and Cincinnati, and various speakers urged reasons in favor of their cities. Later Cincinnati withdrew from the race and after a good deal of spirited speechmaking a ballot was taken resulting in the selection of Milwaukee by a large vote, that city receiving 140 ballots, Baltimore 73 and Washington 24, a total of 237 votes cast which shows the warm interest taken in the matter.

John Burton was unanimously nominated for re-election as president. C. C. Pollworth was the only nominee for vice-president. For secretary W. J. Stewart and E. A. Seidewitz were nominated. Treasurer Beatty was renominated and no other name was offered.

On Wednesday evening there was a large audience to listen to the interesting lecture by Mr. Farquhar of Boston, on foreign bulb and plant markets, which was freely illustrated by stereopticon views.

In the bowling contest Philadelphia practically swept the board, or the alleys. They won the Detroit trophy, and this is now their property, being the second time they have won it. This was for the greatest number of pins in any one game. They also won the Lord & Burnham cup, and as this is their second winning the cup is now theirs. They won the Hitchings cup also, but this is their first winning of this cup. The Halliday gold medal for highest aggregate individual score in three games was won by B. Starkey, Philadelphia, with a total of 494. The Bayersdorfer gold medal for second highest aggregate individual score in three games was won by R. Halliday with a total of 475. The prize for the third highest went to Geo. Moss of Philadelphia on a total of 467. The Stewart prize for greatest number of strikes in three games went to Geo. Moss, who made 12. The prize for the greatest number of spares went to W. Robertson, of Philadelphia, who made 15. The scores in detail follow:

PHILADELPHIA.

	1st.	2d.	3d.
Geo. Moss	136	163	168
Geo. Anderson	114	105	134
B. Starkey	151	165	179
Geo. Watson	143	172	128
W. Robertson	146	163	126
Robt. Kift	145	115	128
Totals	834	883	863
Grand total	2580		

CHICAGO.

	1st.	2d.	3d.
J. S. Wilson	129	163	146
E. F. Winterson	142	111	142
Jas. Hartshorne	147	143	130
E. Enders	116	175	110
C. W. McKellar	182	144	134
C. A. Samuelson	75	97	122
Totals	791	833	784
Grand total	2408		

NEW YORK.

	1st.	2d.	3d.
Theo. Lang	133	146	158
P. O'Mara	115	103	115
F. Traendly	136	166	161
W. H. Siebrecht	159	165	107
J. A. Shaw	100	146	110
J. Theilman	99	130	139
Totals	742	796	790
Grand total	2328		

BALTIMORE.

	1st.	2d.	3d.
R. Halliday	131	188	156
H. Welsh	134	107	100
H. Lehr	124	125	155
I. H. Moss	126	142	176
T. Patterson	116	158	107
J. Perry	87	91	92
Totals	718	811	786
Grand total	2315		

DETROIT.

	1st.	2d.	3d.
P. Breitmeyer	162	147	125
J. Dunn	126	92	133
J. F. Sullivan	144	149	118
J. Taylor	152	142	111
W. Dilger	117	129	124
H. Balsley	108	122	104
Totals	809	763	715
Grand total	2287		

In the individual contest played on the Battery Park alleys, two games were rolled by each contestant. In the class for those over 55 years old, George McClure, of Buffalo, won the Watson gold medal with a total of 271. In the class for those from 25 to 55 years old, J. W. Rodgers, of Cincinnati, won the Bayersdorfer medal with a total of 251. In the class for those under 25 years, W. R. Gibson, of Philadelphia, won the Berkowitz medal with a total of 273. W. K. Harris, of Philadelphia, won the consolation prize for the highest score not winning a prize, his total being 262. The prize was a set of silver-mounted brushes. The scores follow:

CLASS FOR OVER 55 YEARS.

	1st.	2d.	Total.
F. C. Weber, St. Louis.....	93	109	202
W. K. Harris, Philadelphia..	130	132	262
Wm. Scott, Buffalo.....	117	107	224
Geo. McClure, Buffalo.....	120	151	271
Wm. J. Baker, Philadelphia..	130	117	247
John Westcott, Philadelphia.	109	131	240

CLASS FOR 25 TO 55 YEARS.

	1st.	2d.	Total.
A. J. Guttman, New York..	105	139	244
C. G. Graham, Cleveland....	132	114	246
H. Eichbolz, Waynesboro, Pa.	44	66	110
H. Papworth, New Orleans..	99	87	186
H. Brown, Richmond, Va...	88	113	201
W. H. Ernest, Washington..	74	113	187
F. Adelberger, Wayne, Pa..	83	110	193
C. C. Pollworth, Milwaukee..	135	110	245
C. C. Sanders, St. Louis....	90	112	202
H. R. Brown, Lynchburg, Va.	99	87	185
J. W. Rodgers, Cincinnati...	113	138	251
G. L. Grant, Chicago.....	84	115	199
Wm. Rehder, Wilmington, N. C.	92	115	207

CLASS UNDER 25 YEARS.

	1st.	2d.	Total.
G. B. Windler, St. Louis....	55	89	144
J. Bertermann, Indianapolis..	108	82	190
W. R. Gibson, Philadelphia..	105	168	273
E. C. Loeffler, Washington..	107	96	203

Officers for 1903.

John Burton was re-elected president, C. C. Pollworth, vice-president, and W. J. Stewart and H. B. Beatty were re-elected secretary and treasurer respectively.

CHICAGO AND CINCINNATI TO ASHEVILLE.

The two special cars that left Chicago at 8:30 o'clock last Sunday night for Asheville were well filled, there being 38 in the party, as follows: E. F. Winterson and wife, C. W. McKellar and wife, C. A. Samuelson, John Poehlmann, Geo. M. Garland, Geo. W. Wienhoeber, Fred. Wittbold and wife, J. C. Vaughan and wife, Leonard Vaughan, F. Bahr, Thos. Turtle, Philip J. Foley, G. L. Grant and wife, E. Enders, J. S. Wilson, M. Barker, Jessie Ludlow, Frances Ludlow, Chicago; James Hartshorne, J. D. Thompson and wife, Mrs. J. M. Thompson, Fred P. Story, Joliet, Ill.; C. C. Pollworth, R. C. Watrous, Milwaukee; Mrs. Jos. Dunkley and daughter, Kalamazoo, Mich.; Frank Berry and wife, Stillwater, Minn.; J. T. Temple, Davenport, Ia.; Judson Kramer, Cedar Rapids, Ia.; Aug. S. Swanson, St. Paul, Minn.; Miss M. A. Evans, Tunbridge Wells, England.

The party had a very pleasant trip to Cincinnati, where the train was met by a committee of the local florists and taken to the Grand Hotel for breakfast. Then parties were made up to visit the parks and other places of trade interest, each guided by one or more of the Cincinnati boys.

At 1 p. m. all met again at the hotel and the whole party was entertained at luncheon, which was almost a banquet, by the Cincinnati florists. About 300 sat down to the table. It was a hospitality that was greatly appreciated by the visitors. With the coffee came a few brief remarks from some of the visitors called upon by the local chairman, Messrs. Adam Graham and E. G. Hill being very entertaining, as usual. A vote of thanks and three cheers for the Cincinnati boys were given with a will, and the party proceeded to the train, which left at 2:30 p. m.

Two sleepers were added, making four in all, and these, with a baggage car, constituted the Florists' Special train.

It was then found that these had been added to the party for Asheville: E. G. Gillett, R. Witterstaetter, J. A. Peterson, Clarence Peterson, A. Sunderbruch, Wm. Murphy, C. C. Murphy and daughter, Ben George and wife, Cincinnati; F. C. Weber, wife and two children, Geo. Windler, sister and aunt, Geo. Waldbart, Jno. Connon, St. Louis; Phil. Breitmeyer, J. F. Sullivan, Jno. Dunn, Wm. Dilger, H. Balsley, Jas. Taylor and wife, Detroit; Adam Graham, C. G. Graham, Herman Hart and wife, J. M. Gasser, Cleveland; E. G. Hill, J. A. Evans, G. R. Gause and wife, Vernon Grave, Richmond, Ind.; Jno. M. Good and wife, Springfield, O.; H. H. Ritter, W. G. Matthews, H. M. Altick, Dayton, O.; Lewis Ullrich, Tiffin, O.; Geo. A. Kuhl and wife, Pekin, Ill.; Geo. M. Kellogg, Pleasant Hill, Mo.; S. N. Peck, wife and son, Toledo, O.; J. T. D. Fulmer and daughter, Des Moines, Ia.; E. C. Reineman, Pittsburg; D. E. Small, Kokomo, Ind.; E. R. Sackett, Fostoria, O.; Vern L. Schluraff, Erie, Pa.; D. O. Pratt, Anoka, Minn.; J. D. Imlay, Zanesville, O.; Gus. Obermeyer, Parkersburg, W. Va.; A. Krueger, Meadville, Pa.; Jno. McDonald and wife, Farmer City, Ill.

This added 60 more to the party, making 98 in all on the special train. The Cincinnati boys had not ceased looking after the welfare of the delegates when the train left their city for the baggage car was found to have been well stocked with refreshments that would not have been disdained by the governors of North and South Carolina.

The ride through the beautiful blue grass region of Kentucky by daylight was much enjoyed and the early risers got a view of the "mountains of the angels' feet" before arriving at Asheville.

NEW YORK.

On the Train.

On the train and "On the Potomac" for we are just crossing the big bridge as I write, on our way from Washington to Asheville in our splendid "special" sleeper train furnished by the courteous and solicitous Southern R. R. Everybody looks cool and happy after their magnificent reception in the Capitol City and the elegant dinner provided by the big-hearted florists of Washington. Over 250 guests sat down in a beautifully decorated dining room to a repast that lacked nothing to make it palatable, satisfying and suggestive of true southern hospitality. The Washington boys exceeded all our expectations and started us on our long trip at 5:30, thoroughly rested and refreshed.

"Father Smith," Gude Bros., Mr. Freeman and, in fact, all the best members of the trade were here and there and everywhere attentive and profuse in welcome. Fifteen Washiugtonians accompanied the crowd to the convention. An invitation to the S. A. F. O. H. to come to Washington in 1903 was eloquently tendered by Mr. Bulkley, of the Business Men's Association and was received with hearty cheers even though everyone had already been decorated with Baltimore buttons.

The Baltimore contingent had been in Washington for several hours before our special arrived and most of them had "done the city" and were at the station to join in the welcome we received. Prominent amongst the Baltimoreans was Candidate Seidewitz, fat, rosy and genial.

A special car at Philadelphia was well filled with the "brethren and sisters horticultural" on our arrival there, and fraternizing and inter-visiting was the order of the day. Purveyor Langjahr, of Brooklyn, had already cared for the "inner men and women" in his charge, and fruit, sandwiches and liquid nourishment had been freely dispensed under his able management, the same having been provided by the New York Florists' Club. An immense lot of gladioli had been sent to the train by Arthur Cowee, of Berlin, and Capt. Lang officially decorated the car.

The trip from New York to Philadelphia was a pleasant one, perfect weather, agreeable companionship and "innocent" card games whiled away the time. There was much to talk about, the coal question especially absorbing the interested ones. A petition which follows was circulated and signed by everyone on board. Coal in New York is now worth $10 a ton and if the strike continues calamity threatens every industry, and especially will the florists suffer.

The Ashville Board of Trade Souvenir was distributed on the train and was very favorably received. It is indeed a credit to Dan Long, the artistic publisher.

Everybody was glad to see William Scott and Landscaper McClure at Washington ready to join the "army on blessing bent." This is a very peaceful invasion and we are all expecting a royal welcome. A more lovely day for the trip could not have been selected. The sun smiles steadily; the air from these Southern fields and woods is sweet and cool; the red earth glistens in the waning light; the corn tassels wave rythmically in the breeze. We are coming to historic ground; Manassas and Bull Run are redolent with memories; we have passed them by and the farther south we go the more we realize that "the past is past" and we are one people, one nation, under one flag and forever inseparable and loyal, working together for the common good! The shadows gather, the lights are lit, the night cometh, and with it rest and readiness for what promises to be one of the happiest and most important conventions of the S. A. F. O. H. since it began to be! When we awake tomorrow it will be amid the "everlasting hills" of the Skyland. Possibly we shall dream of the feet of angels, and awake to find we are to be entertained by real "human angels" in the beautiful little City of Asheville.

Scintillations.

The ladies were not so numerous as was expected, but they were very welcome and gave the excursion a tone that kept it in tune and eminently decorus all the way.

Julius Kietschmar proved an excellent sprinter in his wild flight to catch the train at Washington. This entitles him to enter the fat men's race.

Ex-President O'Mara was in good voice and full of "merry grips" as usual.

Henry Siebrecht, F. R. Pierson and C. W. Ward were interested discussors of the coal question.

Robert Kift's face shone with enthusiasm and good nature, as he looked after the comfort of the Philadelphians.

Mr. A. M. Herr and wife were in charge of the youngest florist on the train, a beautiful boy of fourteen (months) that was soon the special pet of the crowd, even the old bachelors hovering around him.

John Westcott's punch is a household word. It was as potent as ever

Dean Harris seems as young and spry

as in the old days. It would be a lonesome convention without him.

An interesting vote was taken by the ladies between New York and Baltimore as to who was the handsomest man on the train, and resulted in a tie, the fortunate winners being Fred Michell and Alex. Guttman, with Arthur Boddington and Leo Niessen amongst the "also rans."

A pleasant incident of the start at New York was a good-by call at the train from S. S. Butterfield, who is recovering from a very serious illness.

The Flatbush boys must have gone on a special train of their own.

Henry Siebrecht, Sr., maintains his reputation as the youngest man of his age in the S. A. F. He grows younger every year.

Everybody was pleased to see the veteran "Father Smith," of Washington.

The music at the banquet at Washington was very interesting and added greatly to the enjoyment of the hour. The tune that brought down the house, of course, was "Away Down South in Dixie."

On the Car from New York to Asheville

W. H. Siebrecht, wife and son, Frank Traendly and wife, Mr. Knickman and wife, Miss Flora Davis, Miss Wingate, Mr. Kretschnar and wife, John Theilman, Mark Dean, L. J. Reuter, A. Dallas, Patrick O'Mara, Geo. Lorenz; A. Herrington, Madison, N. J.; J. B. Davis, Henry Eicke, V. Dorval, Jr., W. C. Krick and son George, Henry Siebrecht, Sr., and son, W. Nillson, Chas. H. Allen, John Fotheringham, R. W. Clucas; John G. Esler, of Saddle River, N. J.; A. D. Carpenter and wife, of Cohoes, N. Y.; Benj. Hammond and wife, of Fishkill; N. Y.; F. R. Pierson, A. T. Boddington; A. T. De La Mare, Alex. Wallace and Miss Jelinek, of the Florists' Exchange; H. G. York, C. W. Ward; D. Burgevin, of Kingston, N. Y.; Theo. J. Lang, Julius Rœhrs, Jr., Alf. Langjahr, Alex. Guttman; and J. Austin Shaw, of the Review.

From Philadelphia in Special Car.

Leo Niessen, Julius Wolff and wife, John F. Sibson and wife, Lemuel Ball, Jacob Becker and wife, Robt. Kift, A. B. Cartledge, A. H. Lauser, J. L. Dillon and son, A. M. Herr, wife, son and maid; Frank Adelberger, Benj. Starkey, Jos. Heacock, Edw. E. Heacock, John Westcott and wife, Wm. Robertson, Geo. C. Watson, Benj. Connell, Jas. B. Cascaden, Fred Michell, Miss Mary Michell, Miss Anna Michell, S. S. Pennock, Geo. Anderson, Geo. Moss, Geo. Craig, John C. Hinckle, Wm. K. Harris, Benj. Harry, Winfield S. Harry, Felix Meyers, Wm. Gibson, Miss Phœbe Baker, Wm. Westcott, Julius Wolff, Jr., Jas. Griffin, C. W. Turnley, Wm. J. Baker, E. P. Hostetter.

J. Austin Shaw.

A TILE BENCH.

It is scarcely correct to call this a bench, as the tiles are laid on the ground. The picture shows two or three beds complete, but it does not illustrate just how we laid them, for we should and did begin at one end. These are not drain tiles, which I have seen used in many places. They are what is known as hollow brick, 5x4 inches and 13 inches long. They cost us at the brick yards $15.00 per 1,000. Unfortunately with us freight was quite an item. If drain tile is a good thing for the bottom of a bed or bench then these hollow bricks are a great improvement over them. They are square, do not rock or roll, are very porous, and how much better to shovel the soil off when renewing has to be done. It must be the most perfect drainage and the air passing freely beneath the roots. If these hollow bricks had been just 12 inches long it would have been better for us, as it was quite awkward to make the beds more than 5 feet, so one brick had to be cut in half.

Now about cost. This is cheaper, considerably so, than a 2-inch plank. The brick would be equal to common hemlock plank at $30.00 per 1,000, and at present prices it would cost us $36.00 per 1,000, 2-inch thick, and pine would cost more. The sides of the beds are 2x4 scantling set on edge and fastened to a piece of 1-inch gas pipe driven into the ground and fastened with a tin clip. The scantling could be improved on by making a frame 2x4 or deeper, if required, and running in a concrete or mixture of sand and lime. It sets in a few minutes and you can remove your frame and go ahead with another length. It takes about as long a time to properly grade and lay this brick floor as it does to build a bench, no longer. I saw in my travels this past winter many tile benches that were laid on the ordinary wooden bench with the usual 2-foot uprights and cross pieces to bear the tile. I can hardly see the wisdom of that as the wood frame will rot out and all your building has to be done over again.

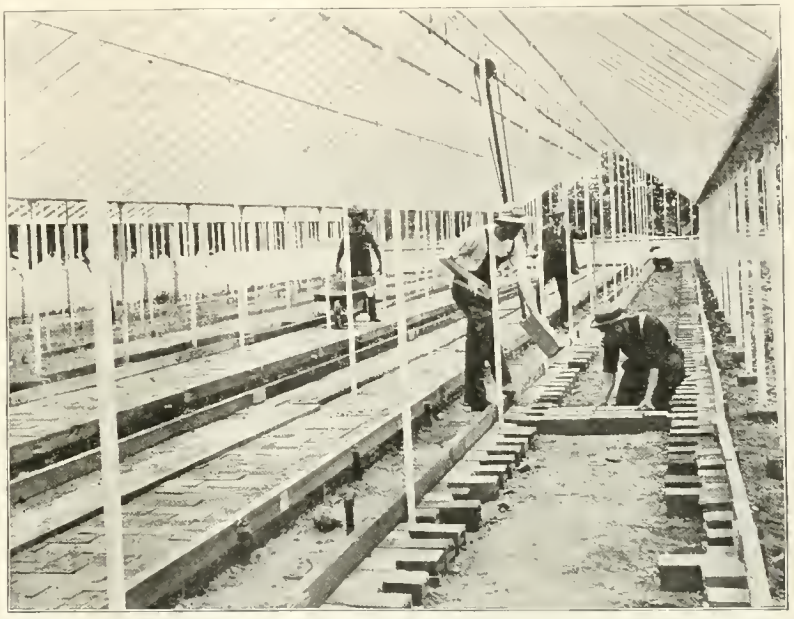
I am aware there are thousands of houses, particularly the long span to the south detached houses, where the beds could not with advantage be placed on the ground. This range, however, is entirely different. The gutters average 6 feet 6 inches above floor level; there are no partitions, merely a 2-inch pipe every 5 feet 7 inches supports the gutter. Now it is very evident that the higher the gutter and house and the lower the beds the more light will every rose plant get. At present every spot in these six houses is a little lighter than out of doors. I have some beds with 2 inches of coal ashes beneath the soil; some with a 2x6-inch joist on the ground and a 6-inch board on them; some on simply the hard but well drained ground, and some on the hollow brick. I ought to know something a year from now and, if I don't get photographed to death, will delight in telling you if there was any difference in results, and if so, what difference.

The personnel of these operations is of little interest outside this village. The man with the wheel-barrow is endowed with great strength, and we are obliged to give him heavy work to keep down his exuberance of spirits. Notice the load. The white and black mud turtle in the distance loves to bask on the hot bricks. The Filipino is laying the brick and the broad brimmed tall youth who is assisting is quite a character. He talks Milton and Byron, composes odes for school graduations, was brought up in an antiquated faith but is far advanced in modern thought. We never let him work alone. He gets lonesome. Who knows but what we have an undiscovered Longfellow or James Whitcomb Riley, or another 16 to 1 Bryan.

Seriously, perhaps the most important operation in laying a tile or brick floor is to have the surface of your house nicely and correctly graded, and that we did by getting the proper grades on the two outside rows of brick, and the rest is easy. The poor old man with the rake did the grading and insisted on being in the picture.

It pleases him and doesn't hurt us.

Hollow Brick.



Tile-Bottomed Beds.

NEW YORK.

Various Notes.

The cooler weather of last week made the cut-flower trade on Saturday quite exhilarating from the wholesalers' standpoint. Everything of merit in sight was in good demand at better prices. Even the prolific gladiolus was popular, and its price improved. The "melancholy days" are drawing to a close; the schools and the theaters will open and the "good

old times" renew their youth and start business at the same old stand. This week sees many of the popular play houses in full blast, and the public demonstrations of Flora's beauty will soon be made "over the footlights" as of yore. The holiday season has had a goodly influence upon the wholesale men—they are coming back to town with healthful glows and hopeful faces ready for the prosperity that the trusts have promised to all, and that the wonderful harvests of the glorious West have confirmed.

The convention has been the principal topic of late, and its seductive power has drawn many to the southland. Later in the week we can tell who they are and how they have honored the metropolis by their experiences "above the clouds" at this outing. Everything indicates a large attendance at Asheville from New York and vicinity. Mr. Langjahr, the wholesale florist of Brooklyn, was entrusted with the commissary department, and had everything in apple-pie order for his charge (including the apple pies) so that the good beginning of the journey is assured. The stop-over at Washington is a comforting assurance as we board the train. The outlook for a grand time is most encouraging and the accumulating happiness of the excursionists bids fair to overflow before the angels' feet appear.

H. J. Smith of Hinsdale, Mass., was a visitor Saturday on his way to Asheville with a fine exhibit of his ferns and other specialties peculiar to the north. He should have a fraternal welcome from those wild smilax and galax men, for between them the decorators have been able to make their reputations, and now we "cannot live without them."

Schloss Bros., the ribbon men of 533 Broadway, will also make a brilliant display of their new shades and specialties.

The trade exhibit promises to be much larger and more interesting than was anticipated. Mr. Krick of Brooklyn will be there with his letters and novelties and inventions.

Stumpp & Walter Company have sent a bulb and supply exhibit under the superintendency of Mr. Henry Eicke, and Mr. R. N. Lockwood of this house will also be at Asheville, where his residence of nearly a year has inspired him with eloquent appreciation of its loveliness. Mr. Walter is back from his summer rest full of physical refreshment, and Mr. Stumpp looks able to "make the fight of his life" for business in the two big stores of this progressive firm.

I saw Andrew McKnight ("Uncle Andrew," the "pansy king") at Elliott's the other day hale and hearty at 81 and "good for a hundred," so he says. He can "remember the father of William Elliott when he was a boy," which is going back a long, long time.

George Saltford is ready for the violets and to defend his title, and is anticipating a wonderful season with the society flower. His book on violet culture is having a great sale, and deserves it.

Mr. Thielmann of Brooklyn was in town Saturday from his summer home at Mount Kocono, Pa., in greatly improved health, and hopeful of being at Asheville with his better half.

Two who will be greatly missed at the convention are President Sheridan of the New York Florists' Club and Treasurer Charles Weathered. Mr. Weathered has just completed his "latest improved sectional boiler," one of the largest ever manufactured. He reports a wonderfully busy season.

Mr. J. F. McConnell of the New York Cut Flower Company is back from his vacation, which included a cruise through the sound and a visit at all the fashionable resorts, a dissipation that must be wonderfully beneficial, from the looks of things.

Mr. Hagemann has returned from his trip well and happy, and Mr. Meyer is now away for a well-deserved rest under country skies and "harvest moons."

Mr. Butterfield of the Exchange was "out of danger" when last heard from, and all who know him will rejoice in his recovery.

Mrs. Burns' accident was a most severe one, and Alex Burns has the sympathy of all in the anxiety he still endures. He will be greatly missed by his bowling confreres.

James Weir, son of John Weir, the veteran florist, of Brooklyn, has been very ill.

Mr. and Mrs. Kreshover are enjoying an outing among the Sullivan county mountains.

H. H. Berger & Co.'s importation of French bulbs has just arrived in fine condition. They report freesias scarce on account of the drought in California, and callas also, as a telegram from that section for a shipment of the latter attested when I called. This firm has orders already for over 200,000 freesias and a quarter of a million Asparagus plumosus seed and 400,000 kentia seed.

John E. Sutton, from Reading, England, of the firm of Sutton & Sons, was in the city last week calling on his friend, Mr. Lessner of Suzuki & Iida. Mr. Lessner says this firm has seven miles of seed farms and do the largest seed business in the world and spend half a million dollars annually in advertising.

Mr. Joosten reports a large importation of bulbs, palms and azaleas from the Exotic Nurseries of Ghent, Belgium.

Arthur Newell of Kansas City arrived from England Thursday morning via the Teutonic in good health and too happy in his desire to see his American family to stay over for the convention.

A. L. Miller of Brooklyn is too busy for Asheville. His place looks very attractive now, and his new range at Jamaica and the thirteen acres he has acquired there promise a great showing in hardy herbaceous plants, California privet and shrubs in due time. He has over sixty of the best varieties of cannas, including a good stock of La France, an orchid-flowering variety equal to Black Beauty in foliage, and his new dwarf, an orange-scarlet with yellow band, an improvement on Crozy—larger and a freer bloomer. A fine tree hydrangea on the old home place, twenty-five years of age, is the finest specimen I have seen anywhere. His stock of camelliæflora dahlias is very large, as usual. Repairs, new boilers, and attention to his range of glass at Jamaica prevent his enjoying the trip to Asheville, as he anticipated.

Captain Lang will be on hand with a team of bowlers ready to capture all the prizes—if they can—and he thinks they will. His stay in the country has developed a "200 arm" that seems invincible.

As to the next place of meeting a general satisfaction is expressed concerning Milwaukee's graceful and brotherly sentiment, and after a season near the skyland it seems only right the effect should be somewhat counteracted by a visit to the "famous" city by the lake, where brotherly communion may be enhanced by flowing bumpers of something almost as exhilarating as the "mountain dew" of the sunny south.

Austin Shaw.

CHICAGO.

The Market.

There is practically no change in market conditions since last report. The last few days of the past week witnessed a slight improvement. With an active demand and rather small supply, the stock was easily moved at fair prices. The current week, however, opened in a listless, mid-summer fashion with largely increased supply on account of a change from a chilly fall atmosphere to fairly warm weather.

Roses are improving fast. The exceptionally cool weather which has prevailed practically all summer has been an almost ideal condition for stock under glass. Roses now look more promising. Beauties are making rapid strides, both in growth and quality of bloom. The cool weather enables the growers to fumigate freely, hence less trouble with thrips. Teas also show an improvement, although by far the largest cuts are still very short, and this grade of stock is rather difficult to move.

Carnations from the field are coming in more freely. Quality in this line is also improving somewhat, but still stems are very short in most cases.

Asters remain with us in immense quantities. The poorer grades, especially in colored sorts, are a drug. Gladioli have shortened up some, but are still more than plentiful in supply and sell very low.

Prices: Beauties, long per doz. $2 to $2.50; medium, $1 to $2; short, per 100, $2 to $5. Maids, per 100, $1 to $4; Brides, $1 to $4; Kaiserins, $1 to $6; Meteors, $1 to $5. Carnations, 1 to $1.50.

Various Items.

Oscar J. Friedman, the Michigan Ave. florist, was married Aug. 12th, the bride being Miss Clara Schlesinger.

Recent visitors: Samuel Murray, Kansas City, Mo.; James Hayes, Topeka, Kans.; Henry C. Fruck and Harry G. Smith, Grosse Pointe Farms, Detroit, Mich.; E. S. Thompson, South Haven, Mich.; Thomas Chapman, Denver, Colo., and C. L. Brunson of C. L. Brunson & Co., Paducah, Ky.

Uncle John Thorpe was unable to attend the Asheville Convention on account of the serious illness of his daughter, Mrs. Roscoe, of Park Ridge, N. J. Mr. and Mrs. Roscoe came to Chicago for a short visit and Mrs. Roscoe was taken ill soon after arriving.

The latest report in regard to Edgar Sanders was very favorable, Mrs. H. P. Vietor reporting that the family has every reason to be encouraged about his condition.

A PAEONY SOCIETY.

In this issue appears a call for the organization of a society to be devoted to the interests of the pæony. The growing importance of this flower should certainly make such a society useful and we wish the movement success.

AMONG THE GROWERS.

J. A. Peterson, Cincinnati.

At this establishment Begonia Gloire de Lorraine is much in evidence. There are now no less than 12,000 cuttings in the sand, a large proportion being leaf cuttings. Mr. Peterson finds that he can get a much more shapely young plant from a leaf cutting than from the cutting of usual form. And there were plants in all stages from those just potted off up to specimens. He certainly does this begonia extra well and handles them successfully in a wholesale way that is very encouraging.

Pandanus Veitchii is also largely grown here and the stock was in uniformly fine condition. A large batch of young plants was plunged in hot manure in a cold frame under elevated shaded sash. A large lot of fine young cyclamen was in a similar frame, but instead of being plunged the plants were set on inverted pots in a thick bed of tobacco stems.

He has quite a stock of Dracæna terminalis and Lord Wolseley, but says he is decreasing the space devoted to them. An odd plant of Dracæna Godseffiana drew the remark that it was of no value to the commercial florist. And he cares little for Dracæna Sanderiana. Says it may be useful to some, but doesn't believe it is worth while for him to bother with it.

An interesting house was one of Lawson carnations planted in June from 4-inch pots, the plants having been grown in frames up to planting time. He will undoubtedly get some fine early blooms from that house. The plants were in solid beds, but the question of drainage can never be serious with him as the whole establishment is on a side hill, each house several feet higher than the one in front of it. A general line of roses and carnations is grown, but in plants he runs altogether to a few specialties, doing these unusually well, which is certainly the correct line of action.

Below the lowest house he has a pond of aquaties that was showing some of the finest blooms of Nelumbium speciosum we have ever seen.

CARNATION NOTES.

An inquiry comes to me asking how soon it is advisable to allow carnations to bloom after they are brought in from the field.

It depends on a good many things, and the first of all is whether you need the blooms or not. When we bring in the plants we pinch off every shoot which has begun to run up into bud, and by the time the next shoots run into bud the plant has a pretty good hold on the soil, and if they are of a color that is in demand we let them bloom; providing, they are of a variety which will produce good blooms during this warm weather. These varieties are comparatively few, however, and up to date there is not a scarlet one among them. Crane is the earliest red to made good blooms, but even it is not of much account while the weather is hot. Lawson is inclined to come on short stems, and it will pay you to pick off the flower shoots until the middle of September. White Cloud does not make good blooms until cool weather, nor does Mrs. Bradt. The best early white is Flora Hill, and we let it come in just as soon as it will, and the same way with E. Crocker. Queen Louise is also a good early white, and Dorothy is a good early pink.

If you are a wholesaler it will pay you to keep your plants from blooming until they will produce good blooms, as poor blooms will bring you neither money nor reputation; but if you have a retail trade you can use the blooms to good advantage, and it will do the plants no harm to let them bloom. You will want to put on the first mulch of cow manure pretty soon now, and you should see that you have a sufficient quantity on hand and also that it is of the right kind and in proper condition. If you had it hauled last fall or during the winter and turned it over a couple of times it will be well rotted and in fine condition to use for mulching. It is essential that it should be well rotted. There is perhaps nothing (unless it be a good sod pile) that there is less danger of a grower's having too large a supply of, than cow manure. Most growers have a hard time finding enough, and lucky is the grower who has a dairy within reach where he can get all the manure he needs.

Your plants will need other food besides cow manure, though, and now is a good time to think of what you are going to feed with this winter. You will need to apply a dressing or two of bone, and it will pay you to have it in shape so the plants can assimilate it at once. Sift a lot of soil through a ¾-inch screen and mix in about a 5-inch pot full of bone to a bushel of soil and put it where it will not be exposed to the weather too much. A heavy rain will wash much of the bone meal away. In a few months this stuff will be in fine shape for the plants to take up, and it will stiffen the stems and toughen the blooms wonderfully. Lime and wood ashes we sprinkle on the soil and work them into the soil just as they are. Do not mulch your carnations until you have weeded them at least once. If the soil is inclined to bake loosen it up occasionally, and it will not bake. If the bottom foliage has turned yellow and dried up now is a good time to clean it off. Put a careful man at the job, though, or else he is liable to do more harm than good. If the grass is quite dry it will break off easily and no harm is possible, but if it is damp you will have to pull it off, and that is where the danger is. See that you do not pull the skin off the stem, as that would do more harm than the dead foliage could ever do. It is a tedious job, but it pays to do it, as a plant which has only healthy foliage is much nearer disease proof than a plant which is half dead.

A. F. J. Baur.

A Broken Wreath.

A BROKEN WREATH.

The common wire form for a broken wreath is made with a small portion lacking to represent the break; or at most is only held together by two wires which require to be hidden by some kind of greenery.

If required to make this design, and a form of the necessary size is not available, or if it is desired to produce something varying from the common type, which it is often a good thing to do, the florist may use a form for an ordinary wreath, of proper size, and fill in to the height of the body of the work with smilax instead of flowers, to indicate the break, as shown in the illustration.

W. T. Bell.

Springfield, O.—The Good & Reese Company have moved their office building to a more desirable nearby location, and are building several fine new greenhouses. The cost of the improvements will aggregate about $10,000. The buildings will be completed by Sept. 1.

A copy of the twenty-seventh annual report of the Board of Commissioners of the Boston parks has reached us. It is freely illustrated and contains a full report of the work of the year by Superintendent Pettigrew.

OUR TITLE PAGE.

It may be of interest to our readers to know that the young lady who posed for the picture on our title page is a daughter of Mr. J. Austin Shaw, New York, whose stage name is Zana Austin, and who was so popular a footlight favorite in "The Burgomaster."

Everybody in the trade knows Mr. Shaw, but a comparative few knew that he had three daughters on the stage. The one who appears on our title page is the youngest.

Mr. Shaw, by the way, is the Eastern representative of The Florists' Review for New York and vicinity.

ST. LOUIS.

The Market.

The cut flower business seems to have but little life at present, and nearly all report very little doing in anything except a little funeral work now and then. Good stock of all kinds is scarce.

The roses that come in are soft and, unless there is work on hand requiring their immediate use, there is not much demand for them. They sell for 2 and 3 cents, and only the select stock brings 4 cents. In Beauties some fair blooms were seen the past week that brought 75 cents to $2 per dozen.

Carnations are somewhat scarce, that is, good stuff. Plenty of poor, short-stemmed ones are in the market at 75 cents. Good blooms demand $1.50 per 100.

Auratum lilies sell at 75 cents and $1 per dozen. Outdoor stuff, such as hydrangeas, gladioli, tuberoses and asters, is plentiful and hard to sell, except white asters, which always find a market at $1 per 100.

The outlook for better stock is very promising. The young rose stock is in very good condition. Carnations in the fields and houses also look good. Violet plants in most places are reported as being very fine, owing to the recent good rains.

Club Meeting.

The club had another of those delightful outdoor meetings, this time at the home of Bro. J. F. Ammann, at Edwardsville, Ill. Twenty-nine florists made the trip on the electric cars. Of these, twenty were members of the club and nine were visitors. The visitors were Messrs. Gross, Pilcher and Berdan, of Kirkwood, Mo.; E. W. Guy, J. Clark and Joe Kaiser, of Belleville; F. B. Call, of Central; Thos. Klockenkemper and Mr. Frow, Jr., of St. Louis.

Before the meeting was called to order the craft inspected the new houses of Mr. Ammann, which contain 25,000 feet of glass. In the six houses are grown 2,000 Beauties, 1,500 Meteors, 1,000 Bridesmaids, 1,000 Brides and 1,000 Golden Gates. Seven thousand carnations are grown consisting of Lawson, White Cloud, Crane, Flora Hill, Angel, Joost and Morning Glory. The new ventilator system, by Wolf, of Dayton, Ohio, is very practical and was highly spoken of. All the plants are in excellent shape and great things are expected of them this winter. Mr. C. A. Kuehn receives the outpnt.

The meeting was then called to order by President Meinhardt. After the regular order of business and reports of committees were finished the election of officers took place. J. W. Dunford, the only nominee for president, was elected by acclamation to fill the chair for the coming year. Mr. Dunford made a neat speech for the good of the club. For vice-president Geo. B. Windler, R. J. Mohr and Henry Emundt were the nominees. The first ballot resulted in a tie between Windler and Mohr. The second ballot elected Mr. Geo. B. Windler. Emil Schray for secretary and J. J. Beneke for treasurer were elected by acclamation, having no opposition. Wm. Adels, F. M. Ellis, H. Berning, John Steidle and C. J. Juengel were the nominees for three trustees. Messrs. Steidle, Ellis and Juengel were elected on the first ballot.

The secretary's report showed that the average attendance during the year was fifteen, the largest single attendance was twenty-six and the smallest was seven. The club started the year with fifty active members and closed with forty-nine. The treasurer's report showed a balance in the treasury of $31.12. Mr. F. B. Call made application for membership.

Chas. J. Juengel, state vice-president of the S. A. F., was called upon and made a few remarks regarding convention matters and hoped to see all the brothers become members of the Society of American Florists, especially as we expect to bring the convention to St. Louis in 1904, during the World's Fair.

The Review was complimented and given a vote of thanks for the excellent photograph of Mr. Ammann, which was distributed among the members as a souvenir during the meeting.

After a long discussion on boilers and greenhouse apparatus the meeting adjourned, after which the members sat down to an elegant lunch on the lawn, which was prepared by Mrs. Ammann, assisted by her three young daughters.

It was a most pleasant meeting and the members are with me in extending to Mr. and Mrs. Ammann a vote of thanks for their very pleasant entertainment, and Aug. 14th, 1902, will long be remembered by those who made the trip.

Convention Matters.

This being convention week, by the time this issue is in the hands of our readers the craft will be enjoying themselves at Asheville. The delegation from here is small and left Sunday night at 9 o'clock over the B. & O. to Cincinnati to travel on the florists' special to Asheville. Those who went were Mr. and Mrs. F. C. Weber, son and daughter, G. B. Windler, John Connon, George Waldbart; Mr. J. T. D. Fulmer and daughter, of Des Moines, Iowa, and G. M. Kellogg, Pleasant Hill, Mo. Mr. C. C. Sanders left Monday morning over the L. & N. We hope everybody will have a good time, and we are for Cincinnati for the next convention and hope that Philadelphia will win the bowling match.

J. J. B.

CINCINNATI.

The Market.

Business has been very quiet during the past week, as much, perhaps, on account of the scarcity of good stock as anything else. But at this period of the year not much is expected, so we are not easily disappointed. Asters, which were our mainstay, are getting scarcer and scarcer every day, and what few are left are proving to be good feed for the aster bug, which is making its appearance by the thousand and whole fields are swept clean in a day's time. Asters from the north are about due, and their arrival will be hailed with joy by the retailer, as there is scarcely anything now with which to make a show.

Carnations that are any way near good are eagerly sought after, and as the supply is very limited, many more could be disposed of to advantage, especially white, which, if good, brings a very good price. Field-grown stock is most plentiful, but its quality is very poor, and it is hard to move.

Geo. B. Windler, Vice-President-elect of the St. Louis Florists' Club.

More roses are to be seen than anything else, but the majority of them are small, short-stemmed stock and move very slowly, except where they are used in funeral work, now and then.

The return of the Cincinnati ball team from its eastern trip furnished occasion for a little work. B. P. Critchell and R. A. Kelly made a large piece some 8 ft. high and T. W. Hardesty also sent a very large and handsome design, both being emblematic of base ball.

The first chrysanthemums of the season arrived in this city Aug. 12th from Mrs. E. T. Grave, Richmond, Ind. They were consigned to E. G. Gillett, wholesale florist. The variety was Lady Fitzwygram, white, and though the stems were short, the flowers were of fair size, considering their earliness. They brought $1.00 per dozen. Several shipments have arrived since that time, including some yellow ones. As it is rather unusual to have mums in so early, they were quite a novelty.

A bunch of Graves' new carnation President McKinley, which was sent to this city during the past week, showed up remarkably well. The flowers were of good size, fair length of stem and of a pleasing dark-pink color, which was very brilliant under artificial light.

Then, too, it proved to be a very good keeper.

Items.

A late novelty that is putting some extra money into the retail florists' pockets is the making of hats of raffia. The raffia is sold in lots containing enough for one hat, and in a recent communication from Mrs. J. F. Young, of Dayton, O., she says she has sold over $200 worth of raffia for this purpose.

Everything that was to be heard during the past week had more or less of Asheville mixed up with it. At first it looked as if the Cincinnati delegation would be rather small, but as the time drew near, others made up their minds and at the last moment many were carried away with enthusiasm and hastily packing their grips, left with the florists' special. Monday morning saw strangers coming in from all over, and our reception committees were on hand at all depots to give information. Unfortunately it was raining, so plans had to be changed at the last moment, and instead of the car ride, as had been first planned, all visiting florists were given a dinner at the Grand Hotel at 12:30. Everyone seemed to be in the best of spirits and expected to have a great time at Asheville. The special train left Grand Central depot at 2:30 p. m., and there was a very jolly crowd on board.

Of course, the Cincinnati boys are going to put up the fight of their lives to get the convention to meet in our city next year, and they are leaving prepared for the struggle. Owing to the number of applications for the honor of having the society next year a lively contest is to be expected; so let the best men win. But the Cincinnati delegation will not be whipped till the last vote is counted.

Mr. R. Brown of Sidney, O., manager of the Park Conservatories of that city, was a caller. C. J. Ohmer.

PHILADELPHIA.

The Market.

The cut flower market is pretty active; the demand for really nice stock is certainly gratifying. Valley which was rather hard to sell has been in demand at $2 and $3 per 100. Edward Reid has some nice Flora Hills which bring $2 per 100. Ethel Crocker is in short supply; in fact, colored carnations are scarce. The list of roses has been strengthened by Ivory. Eugene Bernheimer is receiving short stemmed flowers of this variety which are very acceptable for designs. Asters have been reinforced by a few fine Semple's which bring $1.50 per 100. If quality don't matter, 25 to 50 cents per 100 will buy them; 75 cents to $1 per 100 buys a good grade.

Announcement.

A meeting of the subscribers to, and all those interested in the proposed Philadelphia flower market, is called for Thursday evening, August 28 at 8 p. m. in the secretary's room, Horticultural Hall, Broad street, below Locust street.

Woodland Ave.

George Anderson is one of those few men who do a number of things well. He grows roses, he bowls well, he shoots well; but the thing that George Anderson does so well that he is in a class by himself is the way he adapts iron to greenhouse work. Even the builders and pipe dealers come to him for points. He puts up supports out of complex fittings, nicely adjusted, and saws out and drills iron for purlins with surprising ease. Just now he is fitting up a new house on the site of an old one and it is worth a visit to any grower. His roses were all planted before the new house was begun, each house a week apart, all growing well. Two are of Liberty, five of Maid, six of Beauty, one each of Bride, Carnot and Kaiserin, and one propagating house. It is very doubtful whether Brunner, for which this place is famous, will be retained. It does well, but it is hard to sell the flowers that will precede the main cut even when perfectly leaved. 'Tis a pity the last of the hybrids is in danger of being crowded out by the hybrid teas.

Marketing Cut Flowers.

The meeting of the growers to consider the plan of a cut flower market was held in the secretary's room at Horticultural Hall on Thursday evening of last week, Joseph Heacock in the chair. Secretary Rust read a letter from Wm. Nicholson explaining the method of the Boston market, which is very successful and has the active support of nearly all the growers who come into Boston. The committee's plan was then laid before the meeting and the stock and stalls offered. Adolph Fahrenwald criticised the plan freely. He thought it was gotten up on too liberal a scale and would frighten the small growers. Charles E. Meehan replied that he did not know of any small growers who could not afford to pay $5 on a share of stock and less than $1 a week for a stall. Frank P. Myers said his firm had no use for a market. W. P. Craig came to the aid of the committee, warmly endorsing the plan. After a recess, devoted to signing the subscription list, it was announced that 100 shares of stock in the proposed company had been taken. On motion of Mr. Craig the committee was instructed to see as many of the growers as possible, learn their views and report at another meeting to be held in the same place on Thursday, August 28 at 8 p. m. The meeting then adjourned. The subscribers to the plan were: Samuel J. Bunting, John Burton, Robert Craig & Son, Thomas Foulds, Joseph Heacock, John Holt, Edwin Lonsdale, Charles E. Meehan, J. W. Young and Charles Zimmer.

Notes.

President Harris led a fine delegation of our best men to Asheville on Monday. You will find them first in debate, first in sport and first in the hearts of their countrymen.

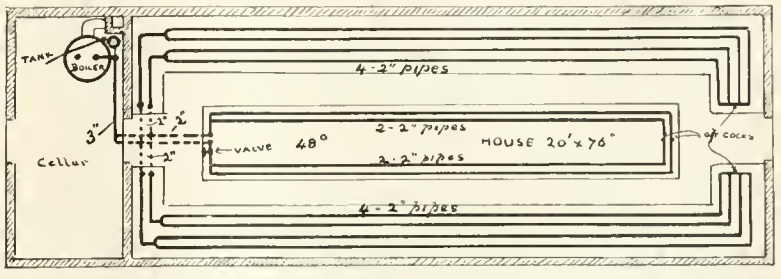
Last reports from Frau Ehret said that he had bidden farewell to the fatherland and would see the sights in London before coming home.

George H. Berke was first in the decorated chair parade at Atlantic City.

William J. Moore will remove to 11 S. 16th street September 1.

Miss M. A. Baker has taken charge of her father's business during his absence in Asheville.

Edward Reid will reach Asheville on Friday after a trip through the south.



Plan of Piping for E. C. For description see page 424.

The unavoidable absence of John Burton is greatly regretted. Phil.

MARKETING OF CUT FLOWERS.

At Wholesale.

By Edgar Sanders.

When I accepted the invitation of Secretary Stewart to say something on the conditions and growth of the business of the wholesale florists of this country, to use a homely expression, I thought it would be as easy as "falling off a log." Of the Chicago end of the efforts I had no doubts, and supposed all I had to do outside of printed authorities, was to apply to the proper parties and the thing was done. In a measure this did not fail me, but the stumbling block I struck was in what is called co-operative concerns. These failed me; and yet, in my humble opinion, this is a field, rightly conducted, which is fraught with much good, especially in cities of moderate size, and as it has proved, even of the largest size, as witness New York; and yet in no way disparaging the value of the regular commission and wholesale dealers as we find them today. You cannot get back to the old ways if you would, nor would a thoughtful business man do so if he could.

The general tendency of the day in the price of florists' products, including staple flowers, like other products of labor average lower and lower. To meet these conditions, greater combinations of capital are invested, more and more is given for the dollar. In the growing and the selling, smaller profits and larger sales are the rule. If the output of the wholesale man has enormously increased, so have his expenses. He could not make his salt did he sell no more at present day prices than he sold in the early stages of the business. Out of his 15 per cent has to come heavy rentals, expensive cold storage appliances, boxes, carefully ice-packed packages, secure against heat and cold, with no charge therefor, large advertising and labor bills, besides no end of sundries he finds absolutely necessary through severe competition.

The old order of things changes, giving place to the new, in the florists' business no less than in others. Time was (and that within my time) when there was but one stage in the entire business; the man with the greenhouse took an order for bouquets, sometimes made them up on speculation at his greenhouse, then delivered them to his customer direct, or peddled, as the case might be. Next came the flower store, first with a greenhouse attached, then simply a store, and the retail florist as we know him today came into existence. As the demand increased those who had no stores began to supply such as had, either with or without greenhouses. Then the "grower" became another division.

For many years, if this store man wanted extra flowers, he had to send to the greenhouses for them, often scattered long distances apart, and a sorry job he found it hunting for his supplies. Presently the grower employed a carrier, who began to make the rounds of the stores with baskets or wagons peddling the flowers he had to sell. Stems of the flowers in early days were no object; the bouquet maker made his own stems so the grower or his agent could carry quite a supply in a pretty small package and make the round of the retail stores with such flowers as he had to sell.

In the course of time some growers began to be noted for choice stock. On the way to the market the retail men began to meet the grower at a half-way house and lighten his load. This, it seems, was notably so with John Henderson's stock at Flushing, N. Y., and "Jem" Johnson, Mr. Henderson's carrier, became a noted person. Other carriers followed Johnson's method of lightening their loads, and the Thirty-fourth street market, in New York, became a regular rendezvous and ultimately a co-operative concern of many growers. In Boston a similar condition of things led to similar results.

But I am anticipating. The increased use of flowers grows apace, and growers make great efforts to meet the demand. The short stemmed flowers give place to the long stemmed; they require better handling and are more burdensome to carry around, to say nothing of the great expense and inconvenience of this system and its peddling nature. Some shrewd men buy outright of these growers and sell to the retailer. Then others hold unsold stock and sell on a commission, but this proves unsatisfactory, and it is not long before the advent of the wholesale florist, dealer or commission man finds his opening. He opens a store, solicits consignments and sells on a commission basis of 15 per cent of what he sells, and we come to the latest factor, into which the word florist is now divided, which, however, at this day, has assumed many forms, as may appear as we get farther along.

Modest as this wholesale man was in the first inception as an entity, he is by no means so now. In the flower trade the grower may be likened to the farmer; the wholesale florist to the board of trade, or counting house, that sets up the machinery to move the crops. The middleman, if you will, and like all middlemen, whether they deserve it or not, sometimes, as the old saying goes, "get more kicks than ha-pence." But you cannot now dispense with his services if you would. The busy wholesale centers, like New York and Chicago particularly, would convince any man of this fact. The wholesaler has two distinct classes to deal with, the local or home buyer, who sees, or may see, the flowers he purchases, and the out-of-town buyer, who depends upon his shipper for the quality of the flowers he orders.

This shipping trade, brought to the system it is now by shrewd business men, cuts a very important figure in the florist industry, and that never could have been handled or worked up in the way it is now without the aid of the middleman. To make a lively wholesale market, it needs abundant growers to draw supplies from, and retail florists doing business within easy distance to look to it for their supplies. Second, a contributory region for shipping purposes, and the less this region is interfered with by other large cities or centers (where other wholesalers will start if they can), the better and faster the trade will grow. In this respect Chicago, as a center now and for years to come, stands without a peer, not excepting New York and its vast contiguous population, that has Boston on its east, and Philadelphia south, almost within the distance that Chicago draws its supplies from. The east looks populous and is so, but is a narrow strip of land on the Atlantic slope compared to the country that Chicago represents, which is actually four-fifths of the people of the United States. Is it any wonder of its phenomenal growth in the flower industry?

What the Wholesaler Stands For.

The wholesale florists, as a body, although numbering all told in all the chief cities of the country at the present time under 100 firms, to be exact, just eighty firms, from the very conditions of that business are more in evidence and make a greater noise in the florists' world, use more strenuous means to find customers and a sale for flowers grown in the country, than all other florists or means combined. In 1896 there were 9,528 firms in divisions as shown by the Florists' Directory of that year in all classes. There are at least 12,000 at the present day and in large cities an army of fakirs or street peddlers and the like, that, in case of gluts, dispose of a large proportion of the cut flowers sent to the market. Many of these, however, are not listed in either city or florists' directory.

How many millions of dollars is the cut flower product of this country? Who knows? Do you? It might be answered that the census report for the year 1900 tells us the total cut flower sales then were $14,175,328.01, figuring it down to a very fine point, surely.

But ten years later, according to the next census, as given us by Dr. B. T. Galloway in the yearbook of agriculture for 1899, and at the New York convention in 1900, the estimate was but $12,500,000. Are these figures estimated on the same basis, representing first cost of the flowers, say, returned to the grower only, or does one represent the profits added of the wholesaler and retailer to the end. Ordinarily, there is a wide discrepancy, in the very nature of the business, between what the grower gets in cold cash for his flowers and what the consumer pays in the final round-up. I will further say, from first to last—there is now an army of people engaged in making profit in selling flowers alone—that they will continue to increase as long as the country grows, and that there is money in it for those who keep abreast of the times. Every country and every city has its own ways of doing business, differing more or less from each other. It is so in the wholesale flower trade. There is but one Covent Garden, coster and his cart, but one Paris flower market, but one New York and one Chicago.

The Wholesale Florist's Birth.

The wholesale florist is but a little more than a quarter of a century old, New York having the honor of starting about the year 1875. Boston and Chicago followed suit three years after, in 1878 or 1879. Farther back than a quarter of a century we have no good data to go by. It was ten years before the S. A. F. this now prosperous society, was organized. The first trade paper was established at the same time, and the American Florists' Directory came three years after that in 1888. From this on we have some tangible records to go by as to the growth of each of the divisions of the florist's calling.

In the year 1890, or twelve years ago, New York was credited with fifteen wholesale florists—Boston with four, Chicago and Philadelphia with three each, Brooklyn, St. Louis, New York, New Jersey, Cincinnati and Milwaukee one each, a total of thirty-one firms. In 1896 the total had increased to half a hundred, while the present showing is eighty firms occupying bona fide stores, and excluding individual growers who have stands and sell their own flowers wholesale with others or who rent the stores as co-operative bodies. In the last decade New York has doubled its number from fifteen to thirty, Chicago has risen from three to sixteen, Philadelphia to nine, Boston seems to have settled down to four; other cities, like Denver, Detroit, Minneapolis, Buffalo, Cincinnati, Pittsburg and Providence, all going through the early stages of established wholesale, or co-operative, stores.

The ratio of city population to wholesale flower stores is, in New York, one to 114,573; Chicago 106,161; Boston, 112,172; St. Louis, 119,746; Baltimore, with its population of 508,957, gets along with one, and that co-operative. Pittsburg with 352,387 has one. Then comes Minneapolis, with 101,354, and Detroit, with 285,704, this, by the way, being co-operative also. The cities of Philadelphia and Baltimore have the credit of continuing in the old order of things later than any of the larger cities, in that a large part of the best growers are still selling direct by wagon and their own carrier. But there are signs of a change in Philadelphia, I understand, to a new order of things, either in the form of a market, or, perhaps, co-operative, or both.

Each City's Story.

In what I will say on this, let it be understood, I claim no originality, hence expect no suits for plagiarism as was the case of S. E. Gross, of my city, against the doughty French author of "Cyrano." I am no millionaire and could not stand the riffle, so that if sundry persons in different parts of the country find what follows has a sort of familiar sound, it is explainable in my inability to clothe the information in better words than I received it. I make this acknowledgement in place of giving the names of my informants, so he that runs may read.

Greater New York, now Manhattan, the Empire City, then, let me begin with. As I before stated, the year 1875 seems to be settled on as the year when the actual wholesale commission man first made his appearance in New York, or the country, but prior to that, one William Russell, of Jersey City, bought up large quantities of cut flowers from several growers, also receiving consignments from Connecticut, and held the stock for orders in Wilson's flower store, on Fourteenth street, selling directly to the retailer. A year or two later Jas. Hart, still in the businss, began selling camellias for Gabriel Marc of Woodside, L. I., on a 25 per cent commission, afterwards being employed by the largest rose growers in the vicinity to dispose of their stock in a similar manner, thus showing in an unmistakable manner the need of the middleman, who was about to appear. As the next step, it seems, the late Jas. S. Allen started in selling the flowers raised by his father, C. A. Allen, and those of Wm. C. Wilson and others, and who is considered to be the first man to reduce the cut flower commission business in New York city to a systematic basis.

In 1890 we find the following firms designated in the wholesale florist class as soliciting custom: J. K. Allen, 106 W. 24th street; W. S. Allen, 36 E. 23rd street; A. A. Copin, 11 W. 14th street; Copin Bros., 84th avenue and 35th street; Hammond & Hunter, 51 W. 30th street; Jas. Hart, 111 W. 30th street; Edw. C. Horan, 36 W. 29th street; John Muller, 113 W. 30th street; John B. Nugent, Jr., 59 W. 24th street; J. J. Perkins & Co., 43rd street and 6th avenue; Jas. Purdy, 109 W. 41st street; Theo. Roehrs, 153 W. 31st street; Ross & Millang, 1168 Broadway; W. F. Sheridan, 50 W. 30th street, and Thos. Young, Jr., 20 W. 24th street

Of these names, both the Allens and Messrs. Copin, Hammond, Hart, Horan, Perkins, Purdy, Sheridan and Young are among the thirty firms still doing business on the same lines at the present day. In the early days, when old Bon Silene, or "Boston birds," were known from one end of the country to the other, a thousand roses in the market were more thought of than a hundred thousand now, and New York wholesale florists are supposed to turn over stock to the amount of between two and three million dollars, as against $400,000 in 1867.

The center of New York city's wholesale cut flower trade to-day is between Twenty-seventh and Thirty-fourth streets, inclusive, between Broadway and Sixth and Eighth avenues. Of the thirty firms, eleven are now on Twenty-eighth street, eight on Thirtieth, four each on Twenty-sixth and Twenty-ninth, two now as high up as Thirty-fourth and one as low as Twenty-seventh street, a wide distribution when compared with Chicago, with its concentrated wholesale center.

The Co-Operative Plan.

The wholesale florists' business of New York seems mainly done on the consignment or commission basis, and the regulation 15 per cent commission basis, except the co-operative Cut-Flower Exchange that grew out of the restaurant headquarters near the Thirty-fourth street ferry, where the growers' carriers congregated until the year 1892, when a corporation was formed and a building secured in the same locality, stands being rented at the rate of 65 cents per lineal foot to members, 75 cents to others. The average sales are near $100,000, the sales over mostly by eight o'clock in the morning. There are 150 members of the exchange, fifty others who rent stands only, with a number of commission men who do business here in the early hours of the morning. These pay

an entrance fee of $15 each, besides the rental. The exchange has paid 10 per cent dividends on the investment.

In 1891 the New York Cut Flower Company was formed by a number of prominent growers selling their own product and some producers on commission at the time of starting. This company was claimed at the time to represent a yearly output of $750,000 worth of cut flowers, and was the first to grade roses as known now into fancy, special, extra No. 1 and No. 2, respectively. Both these co-operative concerns in May, this year, moved into the Coogan building, corner of Twenty-sixth street and Sixth avenue, and the memorable headquarters so long known at the Thirty-fourth street ferry is left to A. Herrmann and a few others of the Long Island growers, who still stick by the old stand.

Chicago Starts.

Chicago comes next to New York in the time of starting, and in the number of wholesale firms doing business. To J. C. Vaughan, the seedsman, must be given the credit in starting. It had its origin in some of Mr. Vaughan's customers sending in some boxes of flowers for him to try and sell. He, sending one of his young men to the retail stores, found it easy to do so. The news spread, other consignments came and pretty soon O. W. Frese, his young man, was making regular daily visits, first with a basket, then, as supplies increased, with a horse and buggy, when regular rounds were made by this carrier all over the city. In short order it was found that these supplies were the very thing the retail stores were after, that the retailers would go to the stores for them, and a wholesale flower department was added to his business. This was run very successfully until the year 1889, when the late E. H. Hunt bought it out and started on East Lake street. The business is still in existence, with a large supply department added.

In 1884 the Kennicott Brothers opened the first wholesale flower store, in a space eight feet square. This business grew apace, and in 1892 a stock company was formed, the name changed to Kennicott Brothers Company. The Piesers became interested, and the firm now has 7,000 feet of salesroom and is doing one of the largest wholesale commission businesses in the city, if not in the country.

Since Chicago's first start then, it, like its sister cities, has seen lots of changes in the men who essayed the way, as well as the method under which the business is now conducted. Some men and firms in the fourteen years have dropped by the wayside altogether, and some of the men once in the swim are now managers for others in the survival of the fittest. The wholesale district has now centered in and near the corner of Wabash avenue and Randolph street, the Atlas block having no less than eleven of the firms, all with large, fine stores for doing business. This is a great advantage in every way, for both seller and buyer.

Twelve years ago Chicago had four wholesale florists, C. H. Fisk, Kennicott Bros., E. H. Hunt and M. Olson; all there were up to December, 1891. There were noises in the air about this time, and outcries against the commission man by some growers, besides which some of the latter day leviathans of the trade, noted in this city, seemed to want to handle their own flowers and money. It resulted in a stock company called the Chicago Florists' Exchange, which started and opened for business on Lake street, November 15, 1892. It lasted but two years, however, and had no success.

The number of wholesalers at the present day is somewhat smaller than a couple of years ago, but these survivors are stronger than ever and the business harder for new ones to break into. Only a part of the wholesalers are commission houses, pure and simple. They may be divided thus: Bassett & Washburn, Peter Reinberg, George Reinberg, Wietor Bros. and Poehlmann Bros. are grower-dealers, selling their own monster output from at least 2,000,000 feet of glass. J. A. Budlong sells his own and several neighbors' stock. John Muno and Weiland & Risch operate on the same lines. Benthey & Company sell their own cut from New Castle, Indiana, and some on commission. Frank Garland sells mainly his own and the growth of three brothers, with but little on commission. E. C. Amling, E. H. Hunt, A. L. Randall, Kennicott Bros. Co. and McKellar & Winterson are the only bona fide wholesale commission florists among them.

There is another peculiarity worth noting in Chicago and the west. The fast-growing trade in all kinds of florists' supply goods is being handled almost exclusively through these commission houses. That, in eastern cities, we find entirely separate. The enormous amount of wire work still used in the west is almost exclusively made and sold by the wholesale florists. The amount of money turned over by Chicago wholesale florists in a year is probably near one and a half million dollars.

House of Liberty at Bassett & Washburn's, Hinsdale, Ill. Planted April 27th. Photographed Aug. 1st.

The Boston Story.

P. Welch, about the year 1879, first started, subsequently forming a partnership with his brothers, David and Edward, as Welch Brothers. Shortly after this the Waban Rose Conservatories opened an office in Boston for the sale of their own products and that of any other growers who might consign to them. W. J. Stewart, then a retail florist disposed of this to take charge of the Waban Rose Conservatories' city business. After two years Mr. Stewart purchased this, continuing the same for about ten years, when he sold out to Peck & Sutherland, employes of his. Mr. Peck dying a year after, was succeeded by his partner, Geo. A. Sutherland. Prior to Mr. Stewart's retirement, another employe, N. J. McCarthy, started into business as N. J. McCarthy & Co., who, however, does not claim now to be a commission man. His usual method is to buy outright from growers, taking his chances of selling out at a profit, and he claims to make more money that way than he could on commission sales.

The Boston Flower Growers' Co-operative Association is composed of a number of growers, who, in old times, peddled their flowers from store to store, instead of through commission men. From congregating in a near-by saloon on Tremont street, like the Thirty-fourth street ferry case in New York, was evolved the housing of themselves in a sort of a market. They are now incorporated, grown considerably, pay good dividends, and are an established feature in the Boston trade.

At Philadelphia.

In 1878 W. E. Meehan started, and closed out in 1880. In 1881 Chas. E. Pennock started, was succeeded in 1887 by Samuel S. Pennock, who still continues and does the largest business in this line in the city. His cold storage is very complete and he does a very large shipping business. In 1885 Wm. J. Baker started, making a specialty of carnations, and now does a general business. In 1884 W. J. Stewart, of Boston, opened a branch store in Philadelphia, with N. McCarthy in charge, mostly used for exchange of stock between Philadelphia and Boston; in operation two and a half years. In 1886 La Roche & Stahl started a wholesale branch, confined to a few growers; in 1900 succeeded by Chas. B. Stahl, still in business. In 1889 Fred Ehret opened a store in the up-town district, and is still in business. In 1892 J. De Forest Ely, seedsman, opened a wholesale cut flower department, lasted two years, managed by Edward Reid, who afterward started for himself and still continues. In later years Dumont & Co., Leo Niessen (formerly with S. S. Pennock) and W. J. Moore started in the business. None handle supplies; a few handle plants on commission at the holidays. There is no flower market and around this city all the large growers still sell their own product direct to the retailers, so that the commission man gets very few near-by growers.

At Cincinnati, Ohio.

More than fifty years ago Cincinnati had the proud distinction of being the Queen City of the West, in the gardening line as well as others. It had its horticultural journal, a very vigorous horticultural society, a good horticultural library and fine flower shows for the time. It also had some first-class nurserymen-florists, who did the bulk of the trade in plants and flowers west of the Alleghenies. If Chicago and other smaller cities of the time had a call for fancy floral work, Cincinnati supplied them, as did New York east of the slope.

As time will not allow me to give a general history, I come at once to the wholesale cut flower business, past and present. The first to make the venture was one Frank Church, a well-known figure now in Chicago, who started in 1887, but the business had a short life. In 1887, M. J. McCullough & Sons telegraphed E. G. Gillett, then in Springfield Ohio to come on and take charge of a wholesale cut flower department the firm had opened on a very small scale. At first the only consignor was McFadden, then the largest grower in the city. Afterwards the cuts from C. C. Mitchell and others were added. A few months after this the late H. L. Sunderbruch opened to sell cut flowers at wholesale. At his death the business was sold to Albert, a brother, William Mann and Frank Ball, who ran it for about a year, when a stock company was formed under the name of the Cincinnati Cut Flower Co., which still does a good business on a regular commission basis for consignors from Ohio and nearby states. E. G. Gillett continued manager for McCullough for five

years, but in September, 1896, started for himself in a small room at 113 East Third street. The business has greatly increased, requiring more and more space, with a good outlook for its continuance.

Mr. Gillett is one of the trustees of the Jabez Elliott Flower Market, the only building of its kind in the United States, exclusively used for the sale of plants and flowers. The market is considered a benefit to the trade and does no injury to the retail store business, as those having stands mostly cater to a different class of customers who, market-like, carry away their purchases, and as a general thing, of a cheaper grade than is handled by the regular retail store men.

St. Louis Enters the List.

In November, 1889, John M. Hudson opened the first wholesale cut flower store in St. Louis. Two years after he sold to Andrew Brandenburg, who in six months sold to S. Mount & Co., the "company" being Geo. Ostertag, who moved the store to 109 West Twelfth street.

In 1890 Wm. Ellison and C. A. Kuehn started up at 1122 Pine street, opening a general supply store for florists. In three years they separated. C. A. Kuehn continues at the old stand, doing a fine business. Wm. Ellison opened in 1893. S. Mount & Co. sold out to Fleckenstein & Co., who opened at 1325 Pine street, handling cut flowers exclusively. A year after W. C. Wors opened at 2728 Olive street, to supply the West End florists. In 1894 E. H. Michel opened what was known as the St. Louis Cut Flower Co., at 1620 Olive street. The same year Wm. Ellison gave up, two years after W. C. Wors, leaving the three. Then the Fleckenstein Company sold out to the Mound City folks, composed of Albert Bauer and the Fleckenstein Brothers. W. G. Berning bought the St. Louis Cut Flower Co., handling a limited amount of supplies. There is at the present time in St. Louis C. A. Kuehn, who carries a complete line of supplies and makes all the wire work for florists in the city; H. G. Berning, in a large way, with six regular hands, and F. M. Ellis, who handles a limited quantity of supplies, but is noted for being a shipper of good flowers.

No co-operative stores have ever been tried in St. Louis. Most of the shipments coming to St. Louis come from Illinois, Indiana, Ohio and Iowa, as well as Missouri.

Milwaukee, Wis.

The inception of the wholesale business in Milwaukee was in 1878 and took the form of an exchange with C. B. Whitnall as president. It was incorporated in 1889, under the name of The Wisconsin Cut Flower Exchange. The stockholders were not confined to home men and it was considered advisable to include the purchase of bulbs, seeds, putty, paints, etc., for the reason it was desired to spread over considerable territory. But it drifted into the ordinary commission business in flowers and florists' sundries in stock for sale. Mr. Whitnall says "the consignors soon got to be specialists and there has been a steady division going on for years, until now the florist is not a grower and the grower not a florist, and the commission house is paid 15 per cent. for taking the 'kicks' of both." The Exchange flourished for a while, became insolvent and in 1897 was sold out to Holton & Hunkel, at the old stand, 457 Milwaukee street, where they are still doing a good commission business. This firm the present year bought out C. B. Whitnall's greenhouse business, who is retiring, so, like other western houses, the firm will join the growing brigade of grower-dealers.

In 1896 Ellis & Pollworth, both old employes of the Exchange, formed a company under the firm name of Ellis & Pollworth and opened a commission house, including supplies, at 137 Oneida avenue, where it continues to the present time. Three years after its start C. C. Pollworth bought out his partner's interest, ran a short time under his own name, finally branching largely into greenhouses in an up-to-date condition of things, and incorporated, thus forming another of the grower-dealers in the wholesale class. Milwaukee wholesale men have always depended largely on consignments from other states.

Baltimore, Md.

The city of Baltimore, although one of the old ones, has no wholesale florists, and is at present looked after in this line by the Florists' Exchange, which is co-operative for mutual benefits. No member can hold more than three shares, entitling the holder to one vote. It was established in 1892, has about forty growers and does a business of from $37,000 to $40,000 a year. A large part of the flowers grown in and about Baltimore are yet delivered to retailers in the old style.

Two efforts have been made to start commission stores, but they could not find business enough to exist.

Detroit, Mich.

This city did not enter the list of wholesale florists until the first year of the twentieth century, when the Michigan Cut Flower Exchange came into existence under the management of Wm. Dilger, but owned by John Breitmeyer's Sons, as a wholesale depot for the sale of their own stock and consignments from outside sources.

At Retail.

By Geo. W. Wienhoeber.

Mr. President, Gentlemen:

Early this spring I went to Milwaukee to see what our close relatives, the nurserymen, were doing at their convention. I learned much and looked wise, but there was one incident which made me feel a little uneasy. One of the older and more successful looking men leisurely got up to address the assembly, in which time my close friend Mr. Sanders had time to whisper me: "Very droll old timer, listen," and I did. He began with an allegory, made classical allusions and I pricked up my ears not to miss anything so good, for it really was. Suddenly and without warning, and I believe he was looking directly at me, he said: "Gentlemen, the worst enemy that the nurseryman has to contend with is the young bugger. Entomologist, bugologist, bugger if you please. His alarms are enervating and we stand aghast as we read of the new insect pests which he has discovered and describes at length in the journals, and which are about to ruin us. We study the matter over and what we discover is the codling-moth or the woolly aphis which you and I have successfully combatted this past score of years." But he continued: "Once in a while this young "bugger" does find a new spot on the butterfly's wing and of course, he helps some."

I am not a "bugger" before "bugologists," but a newly initiated member in the Society of American Florists, and although my position comes dangerously near to that of the young "bugger," I still have courage to say what is to follow, and if I err in the minds of those of experience, please remember the proverbial grain of salt.

Mr. Sanders has said much in his paper on marketing of flowers at wholesale, and now that we are about to consider the marketing of flowers at retail, the first thought that occurs to us is what a vast difference there is between the grower of flowers and the one who finally prepares them for the reception table. The one is close to nature, practical and scientific, and the other unfortunately in many cases is a specialist in the decorating with flowers. To market flowers to him means the catching of people's fancies and stimulating them to buy what he has to sell.

The retail florist deals with people who not alone are demanding fresh and beautiful flowers, but also a "service" which will bring to them the flowers in the most attractive manner. The wholesaler knows nothing about service in the retail sense, and to the retailer it is part of his stock in trade, good will of the business, and it is the factor, the quality of flowers being equal, which gives him rank in the estimation of flower lovers. To some "service" means style, to others, courteous business relations with patterns, or artistic taste, when in fact it includes these and every other feature in the retail trade outside of the paying of dollars for stock and receiving of dollars in return. It is the essential feature in the marketing of flowers at retail, and grows out of the sentiment which the retailer has or must acquire. With florists is it especially true that prices are seemingly arbitrary, since they vary with a hundred conditions and then not simultaneously throughout the trade in all cases? If the prices then are not a fixed standard of comparison, then what is left but the service to determine whether we are a more desirable firm to deal with than our competitor whose prices seem equally fluctuating. The retailer must find a market for his flowers not alone by selling the best flowers at acceptable prices, but he must increase it by winning his patrons' good will and confidence by a disposition which is generous and which leans to the beautiful.

In considering the leading retail florists of the country, we have this generous way of doing business exemplified. They realize the necessity of education in every direction possible, for how are they going to be able to sympathize with a patron's wishes or tastes, if they have but one point of view, that of the business man's. Furthermore the florist is expected to be original and not a copyist and how can he be so if he does not learn to study the beautiful in all he sees, thereby cultivating his tastes and imagination. Let him become interested in the style of architecture of country homes that he may make himself interesting to his client, who wishes to have a border of herbaceous perennials planted so that they may be seen from the loggia on the east side of the house. Let him cultivate a taste for colors by strolling through the art galleries occasionally, where suggestions for color, design, and it is not stretching the point to say that a technique in the handling of flowers may be learned.

The florist has read in the papers recently that at King Edward's coronation, the programs were so designed in color that when the thousands of people in the observation stands used them, they unconsciously became a scheme in the grandly planned decorations. Again, he has eagerly looked over the last number of "Country Life in America," and that article in a spring number of "Atlantic Monthly" on Rhododendrons, did not escape him. But you are thinking that I have gotten off from my subject of the marketing of flowers, and I assure you that I have not. Every time that you get a new impetus of thoughts from the many subjects which stir the imagination you begin to work with renewed interest. These thoughts are the leaven which lightens the sogginess of the purely business life. It assists you personally, and what is a tradesman who does not make himself felt in what he sells or who does not arouse admiration in those with whom he comes in contact? An Italian inscription on a sun dial in a garden which I saw in France, translated, read thus: "Life is short, art is long." How easily this can be remembered, and what a consolation it is.

The florists of today and those of tomorrow will widen their horizon if they wish to anticipate their customer's wishes. Those who wait until customers force ideas onto them will soon find themselves forsaken as dead weight. Florists must be initiative and not content to follow. And in what field could a man find a better chance to derive pleasure and enjoyment than in the florist business. He has business relations with people of most cultivated tastes and they are willing to award his good taste with generous support and appreciation if he is deserving. In many cases they make the business almost ideal by waiving money considerations entirely. Flowers should be associated with all that is beautiful, and what a pleasure it is to establish a business which will not mar the illusion.

Essentially the retailer of flowers is the one who distributes them for final use. He is the fakir surrounded by his dense masses of flowers which brighten the streets in spring, or he is the established florist of undisputed reputation whose establishment we have known for the past twenty years. Both do a legitimate business, both sell commodities, have receipts and expenditures and both have profits. They are the extremes of a trade which disposes of vast quantities of flowers daily. How interesting these extremes are, and what a vast number of enterprises rank between them.

I have said that the fakir does a legitimate business but why then are city ordinances passed periodically to prevent him from hawking his wares?

It is because these ordinances do not

reflect the true fakir question. These ordinances state under what conditions flowers may be sold, but in no case do they touch the essential point, that of selling flowers at prices which the florists believe are damagingly low. After the fakir has complied with the city ordinance, he is governed by the same business principles as is any other tradesman, and he should be allowed in trade competition unmolested. The store man sees him and he ought to reason philosophically this way: Is it possible that florists should have ever considered this poor fellow seriously in their business competitions by their trying to interfere with his earning a livelihood. Is it possible that we envy him of a cent of what he has earned by his persistent efforts of hailing every passer by with a bunch of flowers. Think of it! He makes many persons happy in a small way and he is able to gratify many wishes with his flowers for a penny.

We florists are not always generous. The very fact that the fakir disposes of enormous quantities of flowers is proof of his standing in the community. On a Saturday afternoon, what a pleasure it is to see the streets voluntarily decorated with bright flowers which make us forget that we are rushing along and know not why. For a moment we think of the Cafe de la Paix in Paris, where we buy nosegays from the flower girls and straightway our appetite is better. Be generous with the fakir for he never was your competitor and although alarmist florists talk of over production of flowers due to the fakir trade, do not believe that that is significant, because every time that a trade exigency arises business relations soon solve the problem.

At the other extreme is the distributor of flowers, who is successful, up-to-date and progressive, the retail florist. His prices are an afterthought, and his aim is to cultivate business integrity and to keep the best flowers only, which he presents attractively. As a business man he instils courtesy into his assistants and is generous in all his dealings. His transactions are principally with women, and he learns that to count pennies is poor economy. In case of mistakes, he makes every endeavor to correct them. If in any way he has been at fault or his customer thinks that he has, he graciously makes amends. Nor is he hereby humbling himself, but on the contrary he is liberal. We inspire in others the sentiments which we ourselves feel, or in other words, your customer won't be liberal if you are short-sighted, obstinate and ungenerous. Consider each customer's patronage as capital invested, which annually pays you interest, and you will guard this customer's wishes just as jealously as a cash investment. The florist is always willing to please, no matter how exclusive his position is, for he is not in business this year alone but for many more to come.

The practical handling of flowers for retail distribution has its many points for consideration. The keeping of stock is governed by local conditions. Flowers may be put aside from which orders are filled or they may at the same time become part of a display in a window or refrigerator. At all events they must receive the very best of care, although often in the commission houses they have received more injury than you can repair. In such establishments, where the trade comes largely from regular customers, it is well to get them accustomed to order their flowers in advance where it is possible. This will enable you to put their orders aside or you can fill them directly from the stock as it comes in, thus obviating unnecessary handling. This class of trade is very desirable, for its demands may be calculated quite definitely, and the handling of expensive flowers ceases to be a source of speculation.

The delivering of flowers is as important as is the selling them in the first place. If you send a special messenger, let him be intelligent and neat. Attire him as trade demands and have him reflect the character of your business until the flowers are finally at their destination. Florists' delivery wagons should be made attractive by their excellence in design and workmanship and not flashy so as to suggest vulgarity. Have good horses and plain harnesses.

Think of the beauty of the flowers which you are sending and the people who are to receive them, and the wagons which might be used to advertise chewing gum will seem cheap and tawdry. People on receiving flowers should feel that they are truly beautiful, so don't put the flowers to shame with rococo surroundings.

The presentation and arrangement of flowers at retail is an art in itself and the florist who does not employ the best talent possible will soon discover his error. People entering the florist's store expect to be refreshed and enthused for the few minutes that they are in it by the artistic display of flowers and plants. They expect to see the surroundings executed in the best possible taste. The decorations must be artistic and the furniture and wares must be of good design and color. All details will be noticed, even the stationery on the writing table. Your appointments should not be costly and elegant, but well chosen and good.

People of today do not want extravagantly elaborated stores, but want to go to a florist "shop." To them a shop is a place where the business is purely a specialty in its line, in distinction from the department store, and the shop's chief advertisement is good taste and originality. They feel that their orders are receiving personal care and they like to become acquainted with the clerks and the proprietor so that they may confidentially tell them how they may improve the business in this or that way. The shop accordingly becomes rather a small place to our notion; but as the underlying ideas are so good, let each customer think of it in this way and try to win their confidences. These people travel much, see much and their ideas may in many cases be of real value to you. But there are other branches in the business which you must impress upon them in a professional way. As a decorator your work has a professional merit, and in gaining a reputation for laying out city gardens and courts you become an Ornamental Horticulturist.

Make others feel the enthusiasm which you have in your business, and especially those who work for you. Make them feel some of your energy so that they will feel that they are associated with a progressive house. Your men should also have ideas so that your daily criticism won't be necessary. Give your reliable men an interest in the business as most business houses today do. People will soon notice this spirit which is characteristic of your business and their interest will tell others that roses coming from your place "are so much fresher than those from elsewhere." They will not challenge the way you do things as regards correctness. Let them feel that you are unrivaled and don't let any suspicions arise to the contrary.

Consistency is another factor in presenting your flowers. Fix a standard for your business and then live up to it, not in one branch alone, but throughout, so that your reliability won't be doubted in any part of your work. An expensively engraved bill-head sent out from your office will not offset a package carelessly put up. It were better to have less elaborate engraving and a better shipping clerk. Don't astonish people with extremes of lavishness or of thrift.

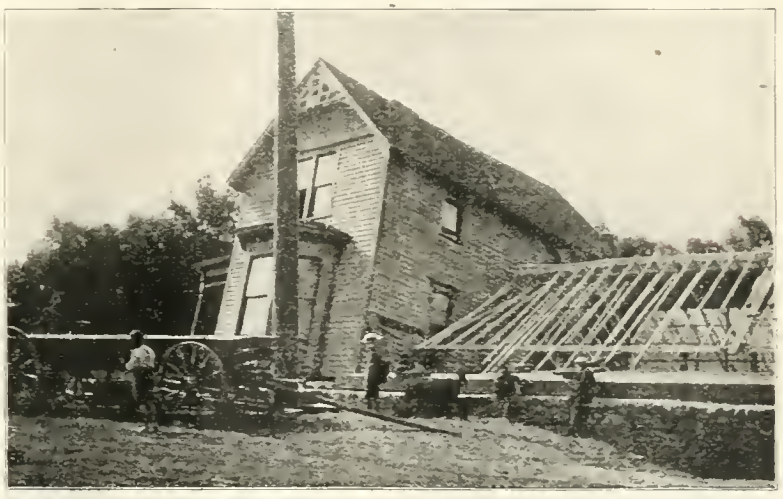
Just a word about advertising, before I conclude. As a member of the widespread commercial system in the United States, in this year of our Lord, 1902, I am forced to say, advertise. But first take an invoice of your wares, facilities, experience and ideas and what remains of these as salable commodities advertise before the community. Be honest and advertise only such things which you really have. Study all the text books on psychology for methods with which you can impress the human mind, but first have something and then draw attention to it honestly.

The florist should avoid broadcast advertising. Don't destroy the sweeter associations with which flowers are generally sent by undue publicity. There are so many ways of getting up winning advertisements that it is unfortunate that any of the commoner ways should be used. The florist has a dignified business, so let his advertising appear accordingly. Many mistake eccentricity and bizarreness for originality and that which is artistic.

The mailing list should rather be small than large. Each person on the list should feel that he is personally in touch with the business and not one of ten thousand. You make him feel this by sending such matter only as is carefully gotten up. By having a small list, you can afford to raise the standard of your advertising, your paper is better and your engravings used are the best and are faultlessly printed. The best is good enough. If your competitor "gets out" a calendar lithographed in fourteen colors, don't send one out in sixteen colors, but improve on his "ad" by distributing something more original. Have you ever thought how backneyed the custom of sending calendars on the first of January has become?

In the business in which I am associated I have tried to make the advertising feature seem as an undercurrent, not to be felt at once, but gradually. First of all our building, which is devoted entirely to the business, is rather quaint in design and is built of an English brick. Golden arbor-vitae in the window boxes in winter and dwarfed begonias and ivies in summer help to give it a distinctive air. Signs have been avoided and commercial earmarks are scarcely to be seen. The store is treated in a colonial tone, and the show rooms for pottery and other wares are in Flemish oak and are treated vigorously. In the photographic studio photographs of creditable work and those for illustrative purposes are made. From the photographs and from original sketches printing plates are made for folders and attractive sheets which we print in our print shop. By doing our own printing we are able to carry out the feeling which we are trying to establish in other branches of the business. We are not endeavoring to be aggressive in our advertising, but employing such means which will have a stimulating effect, so to speak.

To close, I wish to say that although I have taken liberties with the subject for discussion, I have had but one point



A Peculiar Accident.

in view, and that is the broadness of the retail florist's field. The details are only added to carry out certain lines of thought. I argue that the florist's market grows in proportion as his horizon of ideas and ambitions enlarges. So if by any means his imagination is brightened, his ideas increased, or his executive ability strengthened, the market will take care of itself. Practical details I have purposely avoided.

THE LAWSON CARNATION.

The illustration is from a photograph taken July 24. They were planted last summer about August 10, and began flowering middle of October. In December, January and February they were a cure for the blues. In March and April they were a little off crop because almost every shoot, either side shoot or leading shoot, had been pulled off for a cutting in February. Since middle of May they have been as you see them. Off 800 plants we get 200 fine flowers every morning, but they will soon have to go the way of all flesh and grass. Was there ever such a carnation! Here it is, no higher than it was in January. No red spider or any other trouble; and it has had no attention in the way of tying since last December. I hope the white Lawson will soon make its appearance on the market. W. S.

JOLIET, ILL.

A visit to the establishment of The J. D. Thompson Carnation Company revealed the fact that field carnations have done well there this season, there being little of the damage from surplus rains so notable around Chicago. The fields all had a gentle slope, and the water drained away without doing damage. In fact, many of the plants are rather above the usual quality at this date. Practically all the plants are now housed.

The most interesting feature was the large new house planted almost wholly with the new Enchantress. The fine growth the plants made in the field certainly speaks well for the variety. There were no better plants on the place, and we understand the plants were quite small when placed in the field last spring. Mr. Thompson says that when he saw what a splendid growth it made and how freely it was blooming during a visit to Mr. Fisher's place he could not resist the temptation to bid for the stock, even though the price was so high.

The new house containing this stock is 30x300, and has an iron frame of original design. There are no rafters, the cast-iron posts supporting a cast-iron plate designed for the house. The two purlins are of angle iron attached to the iron pipe posts by a specially made clip. The two lower purlins are connected at intervals by tie rods with turn buckles in the centers, and the two upper ones are fastened together by a short section of iron pipe. The supports for the heating pipes on the cast-iron posts are so arranged that they can be easily moved up or down and absolute trueness in the grade of the pipes maintained. The ventilation is continuous and on both sides of the ridge. The ventilator sections are spliced together so as to form practically three long ventilators of 100 feet each on each side of the ridge. The header is notched in only through the heads of the sash bars and not sunk level. It is believed that this will do away with any likelihood of drip. The ventilators open from the header and not from the ridge.

Of the 18,000 plants of Enchantress on the place 12,000 are for stock and 6,000 for blooming. In addition to this novelty the stock for blooming this season consists of 8,000 Lawson, 4,000 each of Crane and Governor Wolcott, 3,000 Lorna, 2,000 Apollo, 1,500 each of Estelle, White Cloud and Guardian Angel, 1,000 each of Marquis, Joost, Prosperity, Roosevelt, Queen Louise, Golden Beauty and Morning Glory, and 500 each of Harry Fenn, Stella, Viola Allen, Bradt, Nelson Fisher (a new pink a shade darker than Lawson) and Mrs. Patten (a new variegated). The two last named are varieties of Peter Fisher's that are not yet disseminated.

The foreman is Mr. J. E. Jensen, who was for a number of years with Peter Fisher, Ellis, Mass., and he certainly has the stock in good shape.

The propagating house benches all have brick bottoms, it having been demonstrated that this bottom assures an evener degree of bottom heat and moisture.

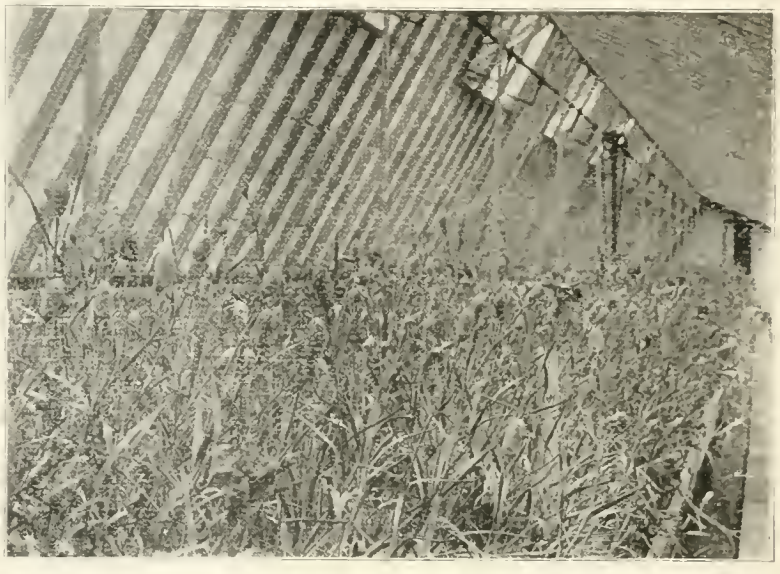
The heating apparatus for the establishment is very effectively installed, both boilers and piping being supplied by the Kroeschell Bros. Co., Chicago. At the time of our visit a new steam gauge was being put in by Mr. C. W. Jones, the heating engineer for the above firm. It has an attachment invented by him which can be adjusted so that when the steam pressure falls below a certain number of pounds an electric current is connected which rings a bell in the room of the foreman until the pressure is raised above that point. It is certainly an excellent precaution and a good safeguard against the failings of firemen who sometimes suffer from sunstroke during the darkest hours.

A very great convenience is a switch track that enables them to unload their coal direct from the car to boiler house. They use the Red Jacket, a West Virginia coal that Mr. Thompson considers much the best and most economical of any fuel he has used. It is now $3.25 a ton, but gives much better value in results than cheaper coals.

The manure tank is placed at an elevation back of the boiler house and is fitted with steam pipes that enable them to keep the liquid at 70 degrees for 24 hours while fermenting. A straw partition in the center filters it so that the clear liquid can be drawn off on the other side when ready.

At the Joliet penitentiary we found Head Gardener Wilson Tiplady getting plump in flesh and strong in humor. The grounds look well and show that his increase in avoirdupois does not interfere with his keeping an eagle eye on the men assigned to his department. He has some odd material to work with. All are inmates of the institution, and few have ever had any experience in floriculture, but he finds them willing to learn, and the stock in his charge shows it.

Near the penitentiary is a large steel mill and the smoke from this has been a sufficient drawback to keep Mr. Tiplady from tipping the scales at too high a figure. The glass at the houses has to be washed with dilute muriatic acid several times a season to clean it from the greasy substance deposited by the smoke. Under the circumstances it is remarkable that the stock, both outside and in, makes such a fine appearance.



The Lawson Carnation.

AUSTIN, MINN.

A Peculiar Accident.

The illustration on page 397 shows the calamity which befell A. N. Kinsman, of Austin, Minn. Mr. Kinsman had just completed three new houses and was about to place his residence, which he had moved from another part of the city, in position, and while the same was resting on jack-screws preparatory to putting in new foundations, it suddenly careened and dropped about eight feet at the rear end. It fell somewhat toward the greenhouses, which, being mostly of iron construction, were badly jarred from end to end. The front house, as shown in illustration, is 125 feet long, and was almost completely demolished. The entire glass was broken and the framework was thrown so badly out of plumb that it necessitated complete rebuilding. Some members of the family were in the house, but fortunately all escaped without injury. Little plaster was left intact after the fall. C. C. P.

I would no more be without the Review than I would be without a boiler.—H. G. Fishel, Corfu, N. Y.

CALIFORNIA PRIVET FOR SCREENS.

"Ivera" in Review Aug. 7 says: "Thousands upon thousands of California privet are being used for partition screens. It makes a cheap, rapid and most effective screen. More of it might be used thus all over the country, particularly out West."

I have grown this plant in the latitude of central Illinois for twenty years or more, and have never known a plant, screen or hedge of it to stand two consecutive winters without being injured by the cold beyond repair, unless very well protected by buildings or some thorough protection. The plant will not stand the winters about St. Louis or Kansas City. I know this is one of the best ornamental hedge plants near the Atlantic coast, from Boston to Jacksonville, but it will not stand the climate of the interior.

Spiræa Van Houttei is a most admirable plant for a screen, or low hedge, being hardy, tenacious of life, neat in habit, most beautiful in bloom, and in every way desirable. The best ornamental hedge plant I have ever seen.

Centerville, Ind. E. Y. T.

South Portsmouth, R. I.—R. J. Grinnell & Son report an excellent season's business in the bedding plant line. They did better than usual with their house of tomatoes and cucumbers this year, as the cold and backward spring held back outdoor-grown vegetables.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A man to work in greenhouses; one who has had some experience and is industrious and strictly temperate, and not a cigarette fiend; will give $25 per month with board and room; should prefer a Swede or American. W. J. Hesser, Plattsmouth, Neb.

WANTED—Man for greenhouse work; carnations, chrysanthemums, etc.; wages, $10 per week. Paul Gaertner, West Tuohy Ave., near Western Ave., Rogers Park, Ill.

FOR SALE—One Hitchings boiler, No. 15, and 500 feet of 2½-in. steam pipe, just as good as new. J. Russler, 102 and Butler Sts., Chicago.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Address S. S., care Florists' Review.

FOR SALE—A fine large Marine hot water boiler; perfect condition. Wm. Lee, Bedford, Ohio.

WANTED—Single man to work in greenhouses; must be steady and reliable; permanent place to right party. Address, stating full particulars and wages expected, with board and room, G. L. Huscroft, Steubenville, Ohio.

SITUATION WANTED—As helper in greenhouse; am willing to work for living wages until I learn something about the business; I desire a position in the greenhouse as foreman after I become capable of taking charge; or will accept position as working foreman in fruit nursery; can furnish the best of references; situation desired in the North or North-eastern states. Address, with particulars, H. M., care Florists' Review.

WANTED—750 feet 1-inch, and 275 feet 2-inch wrought iron pipe; second hand, but must be good. M. A. Barick, Seymour, Ind.

FOR SALE—1800 feet new 1¼-inch standard wrought iron pipe, 7c per foot. C. D. Gallentine, Morrison, Ill.

WANTED—A good all-round greenhouse man. European preferred; $40.00 and room and up; if married, house will be furnished. Ernst Nitsche, 314 Main Street, Dallas, Tex.

FOR SALE—At a bargain. A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

WANTED—A man who understands the growing of cut flowers and general stock. Must be temperate and single. State wages with board and room. Address No. 2012 Third Ave., New Brighton, Pa.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 723 E. State Street, Redlands, Cal.

FOR SALE—Greenhouse plant, 8000 ft. of glass, modern, well built, none better in Massachusetts; good retail trade; handy to Boston and other markets. This place is situated where land is valued high; upwards of 10 acres will be sold if desired. Address Mass., care Florists' Review.

WANTED—A cast iron boiler for hard coal large enough to heat 1000 feet of 4-inch pipe. State size, price and condition. Address N. K., care Florists' Review.

WANTED—Competent storeman, must be able to make up and decorate; references required. Central Greenhouses, Sandusky, Ohio.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—A practical working foreman (single and temperate), must understand the growing of cut flowers and have a thorough knowledge of growing vegetables in field and under glass. Celery, especially, in field. Culture of strawberries, 20 acres (well watered) of small truck; 175 hotbed sash; 3 greenhouses (4,000 square feet glass). Management of 7 men. Board, room and washing furnished. Only experienced men need apply with first class references from former employers. State wages and address H. B. Thompson, Canonsburg, Pa. P. O. Box 557. P. S.—Write at once

Notice of Receiver's Sale.

John G. Sippel Vs. Ernest W. Marland. } No. 15510. Madison Circuit Court.

NOTICE is hereby given that the undersigned, William F. Moreland, Receiver in the above entitled cause, will offer for sale at public auction at the Alexandria Greenhouse at No. —— North Canal Street, in the city of Alexandria, Madison County, State of Indiana, on Tuesday the 2nd day of September, 1902, the lease held by the Alexandria Greenhouse on the premises where the same is situated, and the buildings and all bulbs, flowers and plants and all other things pertaining to and belonging to the said Alexandria Greenhouse, said sale to begin at ten o'clock a. m. Terms cash.

Dated this August 6th, 1902.

W. F. MORELAND, Receiver.

Crouse & Jones, Attys. for Plff.

WANTED—A working foreman to take charge of 22,000 square feet of glass where first class roses and carnations are to be grown, also one house of poinsettia; one assistant. State age and wages expected. Including boarding and washing. Apply to John L. Wyland, De Haven, Pa.

WANTED.

A florist competent to grow cut flowers, also an assistant. Address, with experience, and wages; also where and when a personal interview can be had, in Chicago, this week.

J. M. B., care Florists' Review.

WANTED.

Experienced traveler to sell European plants, bulbs, seeds, etc., to wholesale seedsmen, florists and nurserymen. Must be of gentlemanly appearance, healthy, sober and energetic. Steady position. State reference, former occupation and salary wanted. Address confidentially,

AUG. RHOTERT, 26 Barclay St., NEW YORK.

Mention The Review when you write.

WANTED.

Experienced
Plant and Bulb Salesman
for Eastern territory.

ADDRESS F. R., Care Florists' Review.

WANTED.

October 1st, competent and reliable man to take charge of a retail flower store in Colorado. Must be experienced and thoroughly understand the business, especially designing and decorating. Give experience, references and salary expected. Only an A-No.-1 man can hold the place. Address Colorado, care Florists' Review.

For Sale at a Bargain

Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address

F. S., care Florists' Review.

For Sale: Cheap, Eleven Large SAGO PALMS

and Five Medium-Sized ones.

Prices and description on application.

BEATRICE McROBERTS,

GOVANSTOWN, Baltimore Co., Md.

Always mention the Florists' Review when writing advertisers.

Burpee's Seeds Grow

3 Good Second-Hand Furman Boilers!

Nos. 7 and 9 hot water, No. 11 steam. All in first-class condition with fixtures. I offer these at from one-third to one-fourth cost of new.

Also 3 Pratt & Cady Traps....

Automatic machines for returning condensed steam to boilers. My only reason for selling is that I am changing my entire heating system and putting in large tubular boilers.

A. N. PIERSON, Cromwell, Conn.

Mention The Review when you write.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 2688 Broadway
J. AUSTIN SHAW, Manager.

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Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

G. A. YATES FLORIST CO.

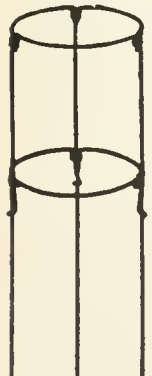
GRAVELLA, ALA.

SHIPPER OF
ALL KINDS OF

....EVERGREENS....

Southern Wild Smilax
a specialty.

Weekly orders solicited from dealers.
For prices, wire me at Owassa, Ala.



NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING, L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen Mfg Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. THORNE.

LA FAYETTE, IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. DORNER & SONS CO.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO.
208 Jersey Street,
HARRISON, · NEW JERSEY.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

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ZIRNGIEBEL

GIANT PANSIES.

Trade packages at $1.00. Also plants of the above strain at $5.00 per 100 and $10.00 for Fancies. They are equal to any that we ever sent out.

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BOSTON.

An old classic relates how a rooster approached the nest occupied by his sitting mate, stood on his right leg, closed his left eye and asked her what she expected to hatch out of a brick-bat, two rusty nails and an old door knob. She promptly replied "A brick block, old man! You go right on digging worms!" Now the business here gives me proportionately just about as much material to work with as the old hen had, but her hopefulness exceeds mine. I fear I can not hatch up much of a structure. However, goods are not so plentiful and I am not so sure that customers are either. One thing I notice concerning the customer. If he buys a few cents worth of material and really offers to pay for it at all, he proffers a big bill that he has been saving up ever since last spring, and a small syndicate has to be found to break it. The decrease in material has not been so marked that prices have advanced upon anything, as they still remain very low. Two or three rose growers have begun cutting from new bushes, and one, at least, upon a second crop, and later varieties of asters are becoming more numerous. It is about time for the sweet pea crop to go out of fashion, but no movement that way is noticeable.

The Waban Roses played base ball with a picked nine of Whitinsville florists and beat them severely, and claim they will do the same unto the Brimstone Corners from Park street upon the next set-to, coming off in a few weeks.

Pritchard's salesman, Denning, is off to the White Mountains for a couple of weeks.

F. W. Fletcher is back from a visit of some length to Nantucket with a quaint story of that quaint old place, and Wm. Anderson returns from Halifax even more enthusiastic over the beauties of that place, especially its public garden.

Dan Iliffe is mourning the loss of his seven-months old baby, and how sincerely only those who have sustained a similar loss can realize.

W. H. Elliott will very soon begin to move Beauties into that 800x54 house of his up on the slant of the Madbuy Hills. Another week is now the limit set.

F. H. Mead's host of friends are delighted to see him looking so extremely well in contrast to his wan appearance of a very few years ago. We now hope he will be able to disseminate his line of floral supplies during the greater part of the century.

Weather Octoberish.

J. S. Manter.

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How long could I leave a coke fire on a cold night? I have heard that coke burns out the grate bars faster than coal. Is that so? G. A. S.

Replying to G. A. S., at the price named coke would be certainly cheaper to use than coal, the relative value of the two as a fuel being very nearly pound for pound, provided the coke is absolutely dry. It will, however, be necessary to fire very frequently with coke, which will necessitate the employment of a night foreman.

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3500 Lawson, 2000 Joost, 300 Marquis,
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4000 W. Cloud, 700 G. Lord, 2000 Glacier,
4500 Triumph, 150 Irene,
1000 Morning Glory,

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Nagoya	3.00

PINK.	
Orizaba	$6.00
Mary Hill	4.00
Lady Playfair	2.50
Xeno	3.00
Maud Dean	4.00
Yanariva	6.00
V.-Morel	4.00
Adele	3.00
Lady Harriett	4.00
J. K. Shaw	3.00
Glory of the Pacific, red and bronze	3.00
G. W. Childs	4.00
Intensity	4.00
John Pockett	6.00
Lady Anglesly	4.00

H. WEBER & SONS, OAKLAND, MD.

CARNATIONS

Strong, field-grown plants.

"Goodenough"

the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00	per 100
MACEO	5.00	"
SCOTT	5.00	"
WHITE CLOUD	5.00	"

Write for prices on large lots.

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.

Mention The Review when you write.

Revised List of on hand **AUGUST 13, 1902, at** **ROSES**

Geo. A. Kuhl's,

PEKIN, ILL. Write him.

	2 by 2½-in.	2½ by 3-in.	3 by 3-in.
Meteors	200		
Brides	500	1600	
Maids	800		
Kaiserins		500	
Perles		300	
Liberties	700		
Golden Gates	500	200	700
Belle Siebrecht	150	300	

Mention The Review when you write.

ALL THE BEST **CARNATIONS**

Orders Booked Now for Fall Delivery.

SEND FOR PRICES.

Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

FIELD-GROWN

Carnation Plants!

FOR IMMEDIATE PLANTING.

FRANCES JOOST, ETHEL CROCKER, FLORA HILL, G. H. CRANE.

Send for samples and prices.

JOHN WOLF, - Savannah, Ga.

...YOU WILL FIND...

ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

SCHLOSS BROTHERS, 533 Broadway, NEW YORK CITY. Telephone No. 3872 Spring.

HEADQUARTERS FOR FLORISTS' RIBBONS AND NOVELTIES.

Mention The Review when you write.

Eucharis Grandiflora.

We have closed our retail cut-flower department and will dispose of our stock of the above fine money-maker to the florists who want a fine white flower for making up floral work, bridal bouquets and anything where a lasting, white, delicate flower is wanted. Have grown these for over 20 years and have cut thousands of blooms yearly. Will give 3 to 5 crops of bloom each season and with proper handling can be had at any season of the year. Have about 2000 bulbs in clumps and single. They need very little care and will grow in any shady, moist, warm corner.

Sample blooms will be sent to all who may order, and our plan of growing them will accompany all orders.

LARGE CLUMPS. 15 to 20 Bulbs, $2.50 each.
(Clumps will bloom this Fall.)

Single Bulbs, $10.00 per 100.
All orders cash.

"CRITCHELL'S"

Avondale, CINCINNATI, OHIO.

Mention The Review when you write.

Rose Plants for Winter Bloom

	Per 100	1000
1500 Golden Gate, extra fine, 3-in..	$5.00	$40.00
1500 Meteor, extra fine, 3-in.....	5.00	40.00
1500 Kaiserin, extra fine, 3-in.....	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyers. Terms cash with order.

ADDRESS

S. Alfred Baur, ERIE, PA.

Mention The Review when you write.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100; **$45.00** per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

ROSES for WINTER FLOWERING.

IVORY (American Rose Co. stock) per 100, **$9.00.**
BRIDES, BEAUTIES, GONTIER, PERLES, Mme. HOSTE, SAFRANO, GOLDEN GATES, 3-inch pots, per 100, **$6.00.**

Grafted **GOLDEN GATES** (very fine) per 100, **$12.00.**
BRIDESMAIDS, 3½-inch pots, per 100, **$12.00.**

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

NOW READY. WHITE ROMAN HYACINTHS,

12-15 centimeters, $2 50 per 100; $23.00 per 1000.

PAPER WHITE GRANDIFLORA NARCISSUS,

13 centimeters and over, $1 00 per 100; $8.50 per 1000.

J. & S. KINGLY COLLECTION PANSY. The finest strain of Giant Pansies now offered to the trade. It will please the most critical grower with its immense size, perfection of form, great substance and rich colors. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; Per oz., $5.00.

Giant Double Daisies.

Choice Mixed	per 1000 seeds, 25c;	⅛ oz.,	50c.
Longfellow, Rose	" " 25c;	⅛ "	40c.
Snowball	" " 25c;	⅛ "	40c.

JOHNSON & STOKES, 217-219 Market St., PHILADELPHIA, PA.

Bouvardias.

500 Roaea Multiflora	2-inch pots,
500 Pres. Garfield	
300 Humboldtii	
200 The Bride	**$3.00**
500 Hogarthii	
500 Pres. Cleveland	
200 Alf. A. Neuner	per 100
200 Double Flavescens	

Field-Grown Bouvardias.

400 Humboldtii	
300 Pres. Cleveland	
200 Pres. Garfield	**$8.00**
300 Roaea Multiflora	
200 Double Flavescens	per 100
200 Hogarthii	
125 Lanantha	

Send for prices on Field-Grown Roses.

Nanz & Neuner

LOUISVILLE, KY.

Mention The Review when you write.

WANTED!

9000 Maid Plants, good, strong 3-inch, **at once,** address

LAKEVIEW ROSE GARDENS,

JAMESTOWN, N. Y.

Mention The Review when you write.

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When Writing Advertisers.

Kentia Belmoreana, Per 100
12 to 15 in., 4 to 5 ch. lvs., 4-in. pots $20 00
$180.00 per 1000.
15 to 18 in., 5 to 6 ch. lvs., 4-in. pots..... 35.00

Latania Borbonica,
12 to 15 in., 2 ch. lvs., 4-in. pots 15.00

Pandanus Utilis,
12 to 15 in., stocky, 4-in. pots..... 20 00
18 in., " 5 " 25.00

Phoenix Farinifera, Reclinata and Pumila,
12 to 15 in., 4-in. pots 15.00
15 to 18 in., several leaves showing character, 5-in. pots 25.00

Phoenix Rupicola,
18 to 24 in., several char. lvs., 5-in. pots, 35.00

Areca Lutescens,
24 to 30 in., 5-in. pots 30.00

Ficus Elastica, 10 to 12 in., top cuttings 20.00

Cannas, Dry Roots, Best sorts, $15.00 per 1000.

Oranges and Kum Kwats,
Grafted, 10 to 12 in., bushy.... ..... 20.00
(Not less than 50 of a sort at above prices.)

We have a fine line of Hardy Ornamentals, Roses, Shade and Fruit Trees; all first-class and healthy. It will pay prospective buyers to visit our nurseries.

P. J. BERCKMANS CO., Fruitland Nurseries,

Established 1856. AUGUSTA, GA.

Mention The Review when you write.

Clearance Sale of ROSE PLANTS.

Elegant stock—never offered better plants. **Brides, Bridesmaids** and **Meteors,** 3-in., $3.00 per 100; $29.00 per 1000. Cash with order.

BRANT & NOE, Forest Glen, Chicago,

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

MACON, GA.

At the annual meeting of the Georgia State Horticultural Society the following officers were elected for the ensuing year: President, P. J. Berckmans, elected for the twenty-seventh time; secretary, W. M. Scott, of the board of entomology; treasurer, L. A. Berckmans, of Augusta. The vice-presidents were chosen as last year, one from each Congressional district. They were re-elected.

The meeting can be said to have reached the following conclusions:

Pecan growing is an untried industry, and no one in the horticultural convention knows anybody who has ever made a dollar out of the business in Georgia.

The Sneed and Triumph peaches are back numbers, and are no longer good for market.

Bordeaux mixture is found to be the most efficacious remedy for brown rot in peaches. Three to four sprayings during winter and spring are found to be best.

There is great need of encouraging forestry, and the preservation of thrifty growing trees in woodland, protecting the young switches from fire.

Irrigation is very profitable where it can be practiced without too much expense. This applies to truckers and small farms, but not to peach orchards. They do better on sandy soil than on clay lands.

PRIMULA OBCONICA.

A subscriber writes that he was poisoned by Primula obconica last May, and that it has spread from his wrists to his face, forehead and chin, and is now spreading to his arms and legs, from knees to ankles. He says he suffers untold misery from the itching and burning, and that the remedies prescribed by his doctor and others have proved ineffective. He would like to hear from any brother florist who has discovered a remedy for poisoning by this primula.

As we understand it, the "poisoning" is due to the entrance into the skin of the fine, sharp hairs that so freely clothe the leaves and stems of this plant, but why it should spread (if the theory is correct) we cannot understand. Some people seem to be very susceptible to unpleasant results from handling this primula, while others seem to be perfectly immune. If any of our readers can throw any light on the matter or suggest a remedy for the sufferer above noted we shall be glad to hear from them.

HEATING.

How many runs of 2-inch pipe will it take to heat my greenhouse, 75 ft. long, 17 ft. 4 inches wide inside of walls? Walls are concrete; outside wall is 10 inches thick; inside wall 18 inches thick (between two greenhouses); glass on side 16x20; one-half pitch; 12½ ft. to ridge. Night temperature to be 65 degrees.

H. S. B.

Replying to the inquiry of H. S. B., he will require thirteen lines of 2-in. pipe to maintain a temperature of 65 degrees in the greenhouse he describes, using hot water system. The best distribution would be five lines under the outer bench and four each under the center and inner bench.

Henry W. Gibbons.

New York.

Lily of the Valley
From COLD STORAGE...

Cold Storage Valley should be used considerably more, particularly for Thanksgiving, Xmas, New Year and January. At that time even the very best selected newly imported pips don't bring any foliage, come uneven and hardly pay; very often they turn out a total failure, even with the best attention and very best arrangements.

Cold Storage Valley bring flowers and foliage without much trouble and without special arrangements. Care should be taken to grow them as cool as possible without bottom heat.

My stock is very fine this year and promises to give good results.
Place your orders now.

Fine Pips, $13.00 per 1000; case of 2500, $31.50; per 100, $1.50

FANCY CUT VALLEY ALWAYS ON HAND.

H. N. BRUNS,
1409-1411 W. Madison St. Chicago, Ill.

Mention The Review when you write.

BURBANK'S Shasta Daisy.

New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $18.00 per oz.

Pansy, Giant Mixed, $1.00 per oz.; $10.00 per lb. Asparagus Sprengeri, $1.50 per 1000 seeds.

PLANTS.

Shasta Daisy, 2-in., $10.00 per 100; 3½-in., $15.00 per 100. Asparagus Pl. Nanus, 2½-in., $3.00 per 100; $25.00 per 1000; 3½-in., extra fine, $5.00 per 100; $40.00 per 1000. Calla Bulbs, 1st size, $4.00 per 100; 250 at 1000 rate. Express prepaid.

California Carnation Co., Loomis, Cal., U.S.A.

Mention The Review when you write.

FIELD-GROWN CHRYSANTHEMUMS

Autumn Glory, Ivory, Glory Pacific, Queen, Salmon Queen, Jessica, Kentucky, Pres. Smith, E. G. Hill, White Queen, Golden Wedding, Xmas, Major Bonnaffon, Hicks Arnold, G. W. Childs, etc. 20 var. at $5.00 to $8.00 per 100. Will exchange for Carnations and Roses. 25 at 100 rate.

W. L. Thomas & Son, Box 82, Augusta, Ky.

Mention The Review when you write.

Carnations,
Roses, Violets and Chrysanthemums.

FANCY CUT FLOWERS and HIGH-GRADE CUTTINGS.

THE PRIZE-WINNING CARNATION

Pres. McKinley

OUR LEADER FOR 1903.

E. T. GRAVE,
RICHMOND, IND.

Mention The Review when you write.

Strong 3-in. ROSES

Special very low prices to make room.
Splendid plants Extra good value.

3,000 Brides and Maids, 3-in	$40.00 per 1000
1,000 Golden Gates, 3-in., fine	45.00 "
2,000 Meteors, 3-in	30.00 "
2,000 Brides and Maids, 2x3-in	20.00 "
200 Kaiserins, 3-in., $5.00 per 100.	

Note this offer: 100 at 1000 rate.

CARNATIONS. Marquis, Joost, Triumph, Jubilee, Scott, Armazindy. Strong field plants, $5.00 per 100, $45.00 per 1000. Mrs. Bradt, $7.00 per 100, $60.00 per 1000.

W. H. GULLETT & SONS, - LINCOLN, ILL.

Mention The Review when you write.

Montgomery, Ala.—W. B. Paterson is putting the finishing touches on three houses, each 22x150, built this season. His two houses of mums and three of roses are doing finely. Mr. Paterson will soon begin to house 10,000 carnations. Owing to the dry season (hardly any rain since April) carnation plants in the field are smaller than usual, but they are very healthy. There is no sign of stem-rot; out of 14,000 plants he has not lost 50.

Bristol, Pa. The seed houses of D. Landreth & Sons were burned out Aug. 14. The fire broke out in the carriage house in the rear of Burnet Landreth's residence at Bloomsdale, Pa. The flames quickly spread to the adjoining buildings, containing seed-packing machines, printing office and general office of the firm. The carriage house was burned to the ground and the packing house completely gutted, leaving but the standing walls. The loss will reach about $40,000, covered by insurance. Much of the contents of the buildings was saved.

500,000 PANSIES!

Finest Market Strain Grown.

Awarded First Class Certificate of Merit by the Massachusetts Horticultural Society.

Attention is Called

TO THESE FACTS:

This strain is the result of over twenty years careful selection.

The seed was saved this year from over 12,000 plants, the finest among the 500,000 flowered and sold last spring.

Particular attention is always paid to form and substance as well as size and color. The colors will be found very evenly proportioned, including rich selfs, brilliant variegations and many novel shades—no dull mixed sorts.

Our pansies have for many years held the highest reputation in the Boston and Eastern New England markets and we confidently believe will be found the most satisfactory strain ever offered for florists' use.

Two of our customers write us as follows:

BOSTON, MASS.

MR. I. E. COBURN, Dear Sir:—The pansies you have supplied us with have been the means of largely increasing the demand for these plants. The colors, size and form have been the admiration of all our patrons who have had them.

Yours truly, SCHLEGEL & FOTTLER CO., Seedsmen, 26 South Market Street.

BOSTON, MASS.

MR. I. E. COBURN: — We have handled several thousand baskets of your pansies for the past four years and find them superior in size, color and variety to any grown in this section.

J. A. BRYANT & CO., Commission Merchants, Faneuil Hall Market.

We offer a limited number of young plants for sale this Fall.

Nice plants from seed bed, **$5.00** per 1000. Transplanted plants after September 1st, **$6.00, $8.00, $10.00** per 1000, according to size.

By express only. Cash with order.

I. E. COBURN,

291 Ferry St., EVERETT, MASS.

IRIS GERMANICA

And other fine species of Iris grown by thousands. We are doing with the Iris what Groff is doing with the Gladioli.

Many of our Iris are suitable for forcing. Send for descriptive catalogue.

A SPECIAL OFFER of 100 NEW IRIS at $30.00 the hundred, for one week only.

LAUREL HILL NURSERIES,

Wholesale Growers of Hardy Perennials,

STOCKBRIDGE, MASS.

FRANK BRUNTON, Mgr.

BALL'S PALMS, ETC.

Now in splendid condition. Fully up to the high standard my plants have attained for general condition and hardiness.

Send Orders Early. I will ship when wanted.

ARECA LUTESCENS. All sizes, from strong young stock to bushy specimens.

KENTIA BELMOREANA and FORSTERIANA. In "single" plants and elegant bushy "made up" plants. All in perfect condition.

LATANIA BORBONICA, stocky and strong.

PHOENIX CANARIENSIS, medium and large specimens.

ARAUCARIA EXCELSA.

ARAUCARIA ROBUSTA COMPACTA.

PANDANUS VEITCHII.

PANDANUS UTILIS.

COCOS WEDDELIANA, Etc.

Send for **Descriptive Price List**, or see last issue Florists' Review.

CHAS. D. BALL, Holmesburg, Phila., Pa.

ONE QUARTER NATURAL SIZE.

Asparagus Sprengeri

10,000 FIELD-GROWN.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot grown stock.

$4.00, $6.00 and $8.00 per 100

According to size.

Nathan Smith & Son,

Adrian, Mich.

Mention The Review when you write.

FANCY

DAGGER

Hardy Cut Ferns

First Quality, 60 cts. per 1000.

Also Dealer in

Christmas Trees, Baled Spruce for Cemetery Use,

Bouquet Green, Sphagnum Moss, Etc.

L. B. BRAGUE, Hinsdale, Mass.

Mention The Review when you write.

Asparagus Plumosus

3-inch pots, at $5.00 per 100.

SMILAX, 2-inch pots, at $1.50 per 100.

Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.

HARDY CUT DAGGER and FANCY FERNS

A-No. 1 quality, $1.00 a 1000.

Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.

Orders by mail, telephone or telegraph promptly attended to. Discount on large orders. L. D. Telephone 2618 Main.

HENRY M. ROBINSON & CO.,

32, 34 & 36 Court Square, BOSTON, Mass.

Mention The Review when you write.

H. J. SMITH,

P. O. Box 181. HINSDALE, MASS.

Hardy, Cut, Fancy and Dagger Ferns!

Mosses, Laurel, Bouquet Evergreen, Festooning, Wreaths, Hemlock and Spruce Boughs.

DID YOU SEE OUR EXHIBIT at ASHEVILLE?

Mention The Review when you write.

LEO NIESSEN,

WHOLESALE FLORIST, Philadelphia, Pa.

Choice Cut Flowers in great variety from leading growers throughout the coming season.

Mention The Review when you write.

HARTFORD, CONN.

Carnations in this section have suffered somewhat by excessive rains, but not as badly as in the West.

John Coombs is busy housing this week. His Lawson has stood the test better than any other variety, Joost dying out the worst.

Mrs. Goodwin of Whiting street has a fine lot of plants, especially Floriana, Lawson and Queen Louise. Her violets are in the pink of condition as usual.

Mr. Whiting is rebuilding a number of houses this summer and keeping up to date in spite of his age.

George S. Osborn is all through housing carnations, having commenced very early, July 7. Lawson, Cressbrook, Queen Louise, Floriana, Marquis, Nelson, Estelle, Crane and others look promising. Murphy's White is being tried here, and is certainly a rapid grower; its progress will be watched with interest.

J. F. Coombs went with the Knights of Pythias on their trip to California.

James Young reports heavy loss on carnations from stem-rot.

"QUICK AS A WINK."

A sample of the "Quick-as-a-Wink" hose coupling sent us by the W. J. Clark Company, Salem, O., proved that this simple device is a great saver of time and labor. With this coupling a section of hose can be attached to the water pipe in a small fraction of the time it takes to use the usual screw coupling. As florists are continually making and breaking conplings in their work this little invention is of special interest to them. Time is money these days, and every inexpensive device for the saving of time must be employed.

CINDERS FOR PROPAGATING.

Replying to an inquiry Mr. Vesey writes that the cinders he used in his propagating bed were from soft coal. The roots made are more stiff and wiry than those made in sand. He has used the finely sifted cinders for four successive batches of cuttings, and has never seen any indications of fungus, and does not look for any unless the drainage of the bench should become defective.

West Pullman, Ill. C. C. Hess will build three greenhouses 18x300 feet each on his market gardening farm on the Calumet river. Frank Engle has the contract.

We are Headquarters for

ORCHIDS

We collect, import, grow and sell nothing else. We not only pretend, but we have the finest and most perfectly grown plants in the world. We deal with the best people from the Atlantic to the Pacific and our record is not to have lost a customer yet. We can please you. Give us a trial order and be convinced.

For Freshly Imported Cattleya Trianae see Special List.

LAGER & HURRELL, Summit, N. J.

ORCHID GROWERS AND IMPORTERS.

Mention The Review when you write.

Fruit, Shade and Ornamental Trees,

Evergreens, Shrubs, Privet and Asparagus.

A few thousand extra large Shade Trees, such as Elms, Norway, Sugar and Silver Maples.

Peach, Apple, Pear in car-load lots.

SEND IN YOUR LIST OF WANTS. CATALOGUE FREE.
TRADE LIST OUT IN SEPTEMBER.

FRANKLIN DAVIS NURSERY COMPANY, BALTIMORE, MD.

Mention The Review when you write.

5000 SMILAX TO CLOSE.

500 Hibiscus, in 2½ to 4-inch.
5000 Sprengeri, 2 to 6-inch.
5000 Plumosus, 2 to 5-inch.
Boston Ferns, 4 to 10-inch.

Let us have your orders.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Pansy Seed.

Mammoth Butterfly, very fine. 1000 seeds, 25c. Choice named varieties, ⅛ oz., 75c.; ¼ oz., $2.50; oz., $4.00. Extra choice mixture, 20 var.; trade pkt., 35c.; oz., $4.00. Giant Trimardeau, high grade mixture, per oz., 75c. Giant Trimardeau, named colors, 75c. to $4.00 per oz., 20 var. Above are imported direct from best growers. Seed all tested. **JAS. C. MURRAY, Seedsman, Peoria, Ill.**

CHRISTMAS FLOWERING

Sweet Peas

MISS FL. E. DENZER, large pure white flower. 1 pkt., containing 2 ozs. of seed, **$1 50** 8 pkts., containing 1 lb. of seed, **$10.00.** Mailed free.

ZVOLANEK'S CHRISTMAS, the well known pink and white, 1 lb., **$4.00.**

Both varieties, if sown first part of September, start to blooming in November and flower all winter till June.

Also **MONT BLANC** (European) **$2.00** per lb., and all other select florists' Sweet Pea Seed at low prices.

ANT. C. ZVOLANEK,

GRAND VIEW, N. J.

Mention The Review when you write.

The Greatest Victory Yet.

THE PIERSON FERN, NEPHROLEPIS PIERSONI,

Awarded S. A. F. GOLD MEDAL, ASHEVILLE CONVENTION, August 20th, 1902.

READ WHAT THE JUDGES SAY:

"The F. R. Pierson Co., Tarrytown, N. Y. A group of Nephrolepis Piersoni. Many magnificent specimens were staged in various sizes, both in pots and pans. The committee considers this the finest decorative fern introduced in recent years. Among Nephrolepis it is what Farleyense is among Adiantum. The committee strongly recommend that it be awarded the gold medal."

(Signed) HARRY PAPWORTH,
WILLIAM SCOTT,
LEWIS ULLRICH, } COMMITTEE.

THE ONLY GOLD MEDAL EVER AWARDED BY THE S. A. F.

LILIUM HARRISII...

MICHELL'S SPECIAL BRAND.

These Bulbs are grown for us alone. The grower confidently claims ninety per cent. free from disease. They have arrived in fine condition, firm and well ripened. Price: 5x7, $5.00 a 100, $47.50 a 1000. Case of 400 at 1000 rate. 7x9, $11.00 a 100, $100.00 a 1000. Case of 200 at 100 rate.

Our Regular Brand of Lilium Harrisii, equal if not superior to bulbs offered by any other firm. Sold in original cases only.
Price: 5x7, one case 400 bulbs, $17.00; three cases 1200 bulbs, $48.00.

Send for Wholesale Seed and Bulb Catalogues.

HENRY F. MICHELL, 1018 Market Street, **PHILADELPHIA, PA.**

NEW CROP PANSY SEED

Superb Show Mixture.....⅛ oz. 75c; oz. $5.00
Finest Giant Strains oz. $2 50; in mixture, oz. 2.00
Cineraria, Giant Prize Mixed..... trade pkt. .75
Cineraria, new large flowering, striped, pkt. .25

NOW READY.	Per 100	Per 1000
L. Harrisii, 5x7	$4.50	$40.00
L. Harrisii 7x9	11.00	100.00
L. Candidum, 20 centi. and up	5.50	
Callas, 5¼ to 6-in. circumference	7.00	65.00
Callas, 4½ to 5¼-in. "	5.50	50.00
Freesias, 1¾ to 2½-in. "	.90	8.00
Roman Hyacinths, 12 to 15 centi...	2.50	24.00

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Celery Plants

100,000 extra heavy **transplanted** plants. Nothing like ordinary plants. Will develop into good Celery one month sooner than plants of the usual size.

White Plume, Giant Pascal, Fin de Siecle, Golden Self-Blanching, Perfection Hertwell, $2.00 per 1000.

200,000 extra large, non-transplanted, $1.50 per 1000. Cash with order.
Samples by mail for 10 cts. in stamps.

W. B. DU RIE,
RAHWAY, N. J.

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Geraniums!

The following strictly high grade varieties **true to name.** All from 2½-inch pots:
Jean Viaud (the pink novelty), $3.00 per 100.
Duchess of Orleans (the variegated wonder), $3.00 per 100. S. A. Nutt, Beaute Poitevine, Francis Perkins, E. G. Hill, Mme. Bruant, Mme. Jaulin, Athlete, L. P. Morton, Thos. Meehan, Kellway, and others, $2.00 per 100; $18.00 per 1000.

Smilax!

We are headquarters for **SMILAX.** Strictly first-class stock from 2¼-inch pots $1.25 per 100; $10.00 per 1000. Any quantity. Cash with order.

The W. T. Buckley Plant Co.,
SPRINGFIELD, ILL.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, strong plants out of 2-in. pots, $3.00 per 100; 3-in. pots, $6.00 per 100. Elegant plants to get your stock from. Cash with order. A. L. Miller, Jamaica Ave., opp. Schenck Ave., Brooklyn, N. Y.

ADIANTUMS.

Adiantum Roesbeckia, strong; for 6 or 7-in. pots, from bench, $25.00 100.
H. A. Jahn, New Bedford, Mass.

Adiantum farleyense—elegant stock. Write for price list. A. N. Pierson, Cromwell, Conn.

ALYSSUM.

3,500 Giant dbl. alyssum, 3-in. pots, extra fine, bushy, $3.00 100. E. J. Cloud, Avondale, Pa.

AQUATICS.

Aquatic plants suitable for ponds and aquariums. Send for catalogue of plants, fish and birds. Edw. S. Schmid, 712 12th St., N. W., Washington, D. C.

ARAUCARIAS.

We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Araucaria excelsa, A. excelsa glauca and A. robusta compacta in all sizes. Fine plants, low price. Bobbink & Atkins, Rutherford, N. J.

ARAUCARIAS, all sizes.
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Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
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Asparagus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100. NATHAN SMITH & SON, Adrian, Mich.

Asparagus Sprengeri, 2½-inch...$4.00 per 100
Asparagus Sprengeri, 3-inch..... 6.00 per 100
Asparagus plumosus nanus, 2½-inch 5.00 per 100
Asparagus plumosus nanus, 3-inch.. 7.00 per 100
VICK & HILL CO., Rochester, N. Y.

10,000 Asparagus plumosus. Bright, clean stock, 2½-in., $3.00 per 100. Asparagus Sprengeri, $2.00 per 100. Satisfaction guaranteed or your money back. C. F. Baker & Son, Utica, N. Y.

ASPARAGUS SPRENGERI.
3½-inch, large, strong plants..... 7c.
4-inch, large, strong plants.....10c.
5-inch, large, strong plants.....20c.
C. C. POLLWORTH CO., MILWAUKEE, Wis.

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Asparagus plumosus nanus, 425 fine stocky 3½-in. plants at $6.00 per 100, or $24.00 for the lot. Cash with order. Rosemont Garden, Montgomery, Ala.

Asparagus Sprengeri, year in and year out 50c per bunch. A. plumosus nanus, all the year round, 50c per string.
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1000 Asparagus Sprengeri, nice bushy plants, 2½-in. pots, ready for planting on borders, $2.50 100. E. J. Cloud, Avondale, Pa.

Asparagus Sprengeri, very bushy, 2¼-in. $1.75. Plumosus, extra strong, 2¼-in. $3.50. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

5000 A Sprengeri, 2 to 6-in., and 5000 A. plumosus, 2 to 5-in. Let us hear from you. Geo. A. Kuhl, Pekin, Ill.

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A. plumosus nanus, 2½ in. $3.00 100, $25.00 1000; 3½-in., very fine, $5.00 100, $40.00 1000.
California Carnation Co., Loomis, Cal.

Asparagus plumosus nanus, 3-in., fine, strong stock from our own seed. $7.00 per 100.
Van Wert Greenhouses, Van Wert, Ohio.

Asparagus Sprengeri, 2-in. $2.00 100. A. plumosus, 2-in. $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, strong plants 2½-in. ready for 3-in., $3.00 100.
H. B. Campbell, Davenport, Iowa.

For A. Sprengeri and A. plumosus, see my adv. under CYCLAMEN.
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Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000.
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ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
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ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
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2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus, fine stock. Send for price list.
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Asparagus Sprengeri, 2¼-in., $1.50 100.
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Asparagus plumosus, 3-in., $5.00 100.
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Asparagus plumosus, all sizes.
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AZALEA INDICA, $15.00 to $50.00 1000, at nurseries in Belgium. Also Palms, Araucarias, and Bay Trees. C. H. Joosten, Importer, 178 Chambers St., New York.

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Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
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BOUVARDIAS. Rosea Multiflora, Pres. Garfield, Humboldtii, The Bride, Hogarthii, Pres. Cleveland, A. A. Neuner, Double Flavescens, 2-in., $3.00 100. Humboldtii, Pres. Cleveland, Pres. Garfield, Rosea Multiflora, Double Flavescens, Hogarthii, Lanantha, field-grown, $8.00 100. Nanz & Neuner, Louisville, Ky.

BULBS.

	100	1000
White Roman Hyacinths, 12-15 cms.	$2.50	$23.00
Paper White Grandiflora Narcissus.	1.00	8.50
Freesias (California grown) ½ inch and over	.10c per doz.	.60 5.00

Selected White Callas 1¼-1½ inches in diameter, 75c per doz.; $5.00 per 100; 1½-2 inches in diameter, $1.00 per doz.; $6.00 per 100. 1¾-2½ inches in diameter, $1.50 per doz.; $10.00 per 100.

Send us your order for Dutch Hyacinths, Tulips, Narcissus, etc.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

LILIUM HARRISII, fine bulbs, 5-7 inch, $5.00 100, $47.50 1000; 7-9 inch, $11.00 100, 200 for $20.00. WHITE ROMAN HYACINTHS, $2.60 100, $23.00 1000. Send in your list of Dutch bulbs to be priced.
A. C. BROWN, Springfield, Ill.

Surplus stock of LIL. HARRISII. Guaranteed sound, clean stock.

	100	1000
5 x7 in. case of 400.....	$4.00	$35.00
5½x7 in. case of 350.....	4.50	40.00
7 x9 in case of 200.....	9.00	85.00

Case lots at 1000 rate. Don't miss this chance.

FRENCH ROMAN HYACINTHS, very scarce.

	12	100	1000
11x13 cms.	$0.30	$2.00	$18.00
11x15 cms.	.40	2.50	22.00
12x15 cms.	.45	2.60	24.00
13x15 cms.	.50	2.75	26.00

NARCISSUS. Paper white (true grandif.), 13 cm. up, 20c doz., $1.00 100, $8.00 1000. Trumpet major, earliest forcing, French stock, 20c doz., $1.00 100, $9.00 1000.

FREESIAS. Our well-known pure white California stock.

	12	100	1000
¾ to ½ in.....	$0.05	$0.40	$3.00
½ to ¾ in.....	.10	.60	5.00

BERMUDA BUTTERCUP OXALIS, 15c doz., 75c 100, $6.00 1000; extra large, 20c doz., $1.00 100, $8.00 1000.

ALLIUM NEAPOLITANUM, favorite for forcing, 10c doz., 50c 100, $4.00 1000.

CALLA ETHIOPICA, nondiscased, reliable stock.

	12	100	1000
3x5 in. circ.....	$0.60	$4.00	$35.00
4x6 in. circ.....	.75	5.50	50.00
5x7 in. circ.....	1.00	7.50	70.00
Monster	1.50	10.00	

CYCLAMEN Persicum Giganteum, brilliant rose, rose with red eye, crimson, white, 1½ to 3 in. diam., $1.00 doz., $7.00 100

LILIUM CANDIDUM. (St. Joseph's lily.) We have the northern-grown stock, thick-petalled, substantial stock.

	12	100	1000
1st size, 22 cms. up.....	$0.75	$5.00	$45.00
2nd size, 20 cms. up.....	.60	4.00	40.00

H. H. BERGER & CO., 47 Barclay St., New York.

First consignment of FRENCH bulbs.

White Roman Hyacinths, finest quality, 12 to 15 cms. in circ., $3.00 100; $26.00 1000.

Narcissus Paper White grandiflora, $1.00 100: $9.00 1000.

Callas. We offer an unusually fine stock of these at the following low prices:

	Diameter.	100.	1000.
Extra quality..	1¼ to 1½ inches	$5.00	$40.00
Selected	1½ to 1¾ inches	6.00	50.00
Mammoth	1¾ to 2 inches	8.00	70.00
Exhibition	2 to 3 inches	10.00	....

Lilium Harrisii. Finest selected bulbs, 6 to 7 inches in circ., case (350 bulbs), $17.50, in less quantities, $8.00 100; 7 to 9 inches in circ., case (200 bulbs), $20.00, in less quantities $11.00 100.

Lilium Longiflorum (Bermuda-Grown), 7 to 9 inches in circ., case (200 bulbs), $20.00; in less quantitites, $11.00 100.

Bermuda Buttercup Oxalis, 75c. 100; $6.00 1000.

F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

FREESIA bulbs, home-grown, pure white.

	100	1000
Mammoth	$1.00	$8.00
First size	.75	6.00
Bermuda, ½ in. size.....	.75	7.00
Bermuda, ⅜ in. size.....	.70	6.00
California, ½ in. size.....	.70	6.00

Delivered free anywhere in U. S.

NARCISSUS.

	100	1000
Paper white grandif.	$1.25	$ 9.00
Von Sion, dbl. nose.....	2.00	18.00
Von Sion, single nose.....	1.50	12.00

ROMAN HYACINTHS.

Roman hyacinths, 11x15.....	2.50	22.50
Roman hyacinths, 12x15.....	2.75	26.00
Roman hyacinths, 13x15.....	3.25	30.00
Roman hyacinths, 15 and over....	4.00	38.00

CATALOGUE MAILED FREE.

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Our RETARDED or COLD STORAGE Lilium longiflorum can be forced for Christmas. It will pay you to try some. Price: 7 to 9-in. bulbs, 300 in a box, $7.50 per 100, $60.00 per 1000; one whole box sold at 1000 rate. Prices upon all other bulbs on application.

CIUCAS & BODDINGTON CO., 812-814 Greenwich St., New York.

Now ready.	100.	1000.
L. Harrisii, 5x7.....	$ 4.50	$ 40.00
L. Harrisii, 7x9.....	11.00	100.00
L. Candidum, 20 cms. and up....	5.50	
Callas, 5¼ to 6-in. circ.....	7.00	65.00
Callas, 1½ to 5-1¼-in. circ.....	5.50	50.00
Freesias, 1¾ to 2½-in. circ.....	.90	8.00
Roman Hyacinths, 12 to 15 cms.	2.50	24.00

W. C. BECKERT, Allegheny, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

LILIUM HARRISII, extra choice bulbs.

	100	Case.	1000.
5x7-in. case 400	$ 4.75	$18.00	$ 45.00
7x9-in. case 200	11.00	20.00	100.00
9x11-in case 100	20.00	20.00	190.00

As the lot is not very large, it would be well to order early.

WHITE ROMAN HYACINTHS, 12 to 15 cms., (packed 2100 to the case), $24.00 per 1000. This price will be advanced shortly.

Other bulbs now ready—pink and blue Roman Hyacinths, white Italian Hyacinths, Freesias, Alliums, Narcissus, paper white, etc.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

HOLLAND HYACINTHS, large bulbs for forcing and bedding, equal quantities of red, white, blue, $20.00 1000; all colors, mixed, $18.00 1000.

TULIPS, extra fine mixture, $5.50 1000; separate colors, white yellow, striped red, etc., $6.00 to $8.00 1000.

NARCISSUS, double and single, fine mixture, $7.00 1000.

CROCUS, separate colors, $2.00 1000; mixed, $1.50 1000.

For less than 500 add 10 per cent. Other bulbs and plants cheap.

C. H. JOOSTEN, Importer, 178 Chambers St., New York.

Lilium Harrisii, 5-7 $45.00 1000; 7-9 $100.00 1000. Lilium longiflorum, Bermuda-grown, prices same as Harrisii; Japan-grown, retarded, f. o. b. Icehouse New York, 6-8 $35.00 1000, 7-9 $50.00 1000, 9-10 $75.00 1000. Roman hyacinths in fine condition, 12x15 $25.00 100. Narcissus, paper white grandi., 13 and up (mammoth), $9.00 1000. Freesia refracta alba, mammoth bulbs, $7.50 100.

Prices on all other bulbs and plants cheerfully given.

F. W. O. SCHMITZ, Prince Bay, N. Y.

MICHELL'S special brand of Lilium Harrisii, claimed by the grower to be 90 per cent free from disease. 5x7, $5.00 100, $47.50 1000; case of 400 at 1000 rate. 7x9 $11.00 100, $10.00 1000; case of 200 at 1000 rate.

Our regular brand of Lilium Harrisii, equal if not superior to bulbs offered by other firms. Sold in original cases only; 5x7, one case, 400 bulbs, $17.00; 3 cases, 1200 bulbs, $48.00.

Send for wholesale seed and bulb catalog.

H. F. Michell, 1018 Market St., Philadelphia, Pa.

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Callas. A few hundred strong bulbs, $5.00 100; some smaller ones, $3.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Narcissus and daffodils, fineat varieties, for fall delivery. Write us for low prices.

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Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.

BOBBINK & ATKINS, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lillies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl tuberose and Caladium esculentum bulbs. Popular varieties.

Jno. F. Croom & Bro., Magnolia, N. C.

Caladiums, dry bulbs, best named sorts, 1¼in., $6.00 100, $50.00 1000.

P. J. Berckmans Co., Augusta, Ga.

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500 calla bulbs, 2 to 2½-in. in diam., $5.00 per 100. Cash, please.

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LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla bulbs, selected, $4.00; 1st size, $3.00 per 100. G. Nonck, Batavia, N. Y.

Lilium Harrisii, 7 to 9, 200 for $20.00. Wm. Elliott & Sons, New York.

Calla bulbs, 1st size, $4.00 100.

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CANNAS.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

Cannas, dry roots, best sorts, $15.00 1000.

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Canna roots, popular varieties.

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Field-grown Joost, Crocker, Hill and Crane. Send for samples and prices. John Wolf, Savannah, Ga.

Send for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

CARNATIONS. CARNATIONS. CARNATIONS.

THE BEST FIELD-GROWN STOCK.

Every one a choice selected plant.

	100.	1000.
Bon Homme Richard	$5.00	$15.00
America	4.00	35.00
Jubilee	4.00	35.00
Daybreak	4.00	35.00
Gen. Gomez	4.00	35.00

Order quickly; plants reserved for later shipment if desired. Terms cash.

H. W. BUCKBEE,

Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$8.00	$70.00	Melba	$5.00	$40.00
Marquis	6.00	50.00	M'Richm'd	5.00	40.00
White Cl'd	6.00	50.00	Scott	5.00	40.00
Hill	6.00	50.00	Pingree	6.00	....
Lord	5.00	40.00	Gold Nugget	6.00	.....

250 of one variety at 1000 rate.

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Field-grown carnations, strong and healthy.

	100		100
Gov. Wolcott	$16.00	Crane	$ 6.00
Prosperity	10.00	Gomez	6.00
Lawson	8.00	Queen Louise	10.00
Morning Glory	6.00	Norway	8.00
Maceo	6.00	Egypt	10.00
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Discount by the thousand. Cash, please.

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Carnations from field. Strong, healthy plants.

3500 Lawson.	2000 Glacier.
2000 Crane.	1000 M. Glory.
4000 White Cloud.	700 Lord.
4500 Triumph.	150 Irene.
2000 Joost.	300 Marquis.
1000 Maceo.	200 Norway.

First size, $8.00 100; second size, $5.00 100.

300 Prosperity and 200 Lorna, $10.00 100.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Extra fine field-grown plants.

	100		100
Thos. W. Lawson	$8.00	E. Crocker	$5.00
Wm. Scott	5.00	Gen. Maceo	6.00
Flora Hill	5.00	Norway	6.00
G. H. Crane	5.00	Mrs. Joost	6.00
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LEO. NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Field-grown carnations; fine, strong, healthy plants:

	100	1000		100	1000
Lawson	$7.00	$60.00	Lord	$4.00	$35.00
Bradt	7.00	60.00	Norway	4.00	35.00
Marquis	4.00	35.00	Prosperity	4.00	35.00
White Cloud	4.00	35.00			

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Carnations, fine field-grown plants:

	100.	1000
Mrs. Thos. W. Lawson	$6.00	$50.00
Ethel Crocker	5.00	45.00
Jubilee	4.00	35.00
Wm. Scott	4.00	35.00
Genevieve Lord	4.00	35.00

S. T. DANLEY, Macomb, Ill.

Carnations, strong field-grown plants:

	100		100
Maceo	$5.00	Scott	$5.00
F. Joost	5.00	W. Cloud	5.00

GOODENOUGH, the most profitable white, $7.00 100. Write for prices on large lots.

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Nice shapely, healthy plants of Joost, Crocker, Scott, Carthedge, Eldorado, Firefly, scarlet seedling, Crane, M. Glory, Duke of York, and variegated seedling. Ask for prices quick. Also 200 nice Sudlax plants 3-inch for $3.50. Cash. RONEY BROS., West Grove, Pa.

25,000 strong healthy, field-grown plants.

	100		100
Marquis	$6.00	Armazindy	4.00
Joost	5.00	Psyche	3.00
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1000 fine field-grown carnations. Crane, Joost, Norway, Ethel Crocker, and a few others, $5.00 100. Cash with order. Speak quick if you want them. No better plants in the market for the money.

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CARNATIONS, FIELD-GROWN. 200 Marquis, 700 Norway, 800 Lawson, $6.00 100. 3000 Flora Hill, 1000 Crane, 800 Triumph, 800 Daybreak, $5.00 100; $45.00 1000. Cash with order. W. SABRANSKY, Kenton, Ohio.

2000 field-grown carnation, extra fine and healthy; all cuttings taken from flowering stems. Lizzie McGowan, $3.00 per 100; Russell, good pink, moves easily, $4.00 per 100. Aaron Keiter, Parker Ford, Pa.

Let us know your wants on carnation plants—we prepay express charges. California Carnation Co., Loomis, Cal.

FIELD-GROWN carnations: Joost, Hill and McGowan, $4.00 per 100. Cash with order.

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Carnations, strong fieldgrown plants. Marquis, Joost, Triumph, Jubilee, Armazindy, and Scott, $5.00 100, $45.00 1000; Mrs. Bradt, $7.00 100, $60.00 1000.

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Carnations, stocky, field-grown. No. 1 stock.

Triumph	5c
White Cloud	5c
Joost	5c
Genesee (white)	5c
Lawson	6c

JOY & SON CO., Nashville, Tenn.

Carnations from field, extra large plants in most robust condition. Scott and Melba, 1st size, $5.00, 2nd size, $4.00 100. Chas. Rayner, Anchorage Rose Houses, Anchorage, Ky.

Carnations, strong fieldgrown plants: Marquis, Joost, Triumph, Jubilee, Armazindy, and Scott, $5.00 100, $45.00 1000.

W. H. Gullett & Sons, Lincoln, Ill.

Carnations from field, extra strong plants. Write for varieties and prices. Cash with order.

Frank H. Kimberly, New Haven, Conn.

Field-grown carnations. Crane, Cloud, Glacier, Triumph, Hill, Lawson, Daybreak, $4.50 100. Cash. Mrs. E. Kuntz, Frankfort, Ind.

1000 young carnations, $5.00 per 100. Clean healthy plants. Cash with order.

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Lawson and Bradt carnations, very choice stocky and clean, $12.00 per 100. James Patience, Stamford, Conn.

CRESSBROOK carnations from field, nice, strong plants, $10.00 100, $75.00 1000.

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1700 field-grown LAWSON, strictly first-class, $60.00 1000.

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Carnations. Send to us for prices on what you need.

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Prosperity, $8.00; Daybreak, $4.00 100. Strong, healthy plants. Carl Rauth, Springfield, Ill.

High-class Joost. A BARGAIN. $5.00 100, $45.00 1000. Otto Bourdy, Lowell, Mass.

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We can still furnish the following from 2½-in. pots. They are well-established, thrifty young plants ready for immediate shipment:

Yellow.	Per 100.	Pink	Per 100.
Col. Appleton	$4.00	Orizaba	$6.00
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Major Bonnaffon	3.00	John Pockett	6.00
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T. Eaton	4.00	Willow Brook	3.00
Ivory	3.00	Nellie Pockett	4.00
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Our selection of standard varieties, early, midseason and late, $20.00 per 1000; $2.00 per 100. Reduction on large orders.

H. WEBER & SONS, Oakland, Md.

Chrysanthemums, 2½-in. $2.00 100, $20.00 1000; rooted cuttings, $13.00 1000. White—Eaton, Bonnaffon, Fitzwygram, Kalb, Bergmann, Ivory, Robinson, Queen.

Yellow—Parr, Sunshine, Fitzwygram, Jones, Trophy, Pennsylvania, Appleton, Hurrell, Bassett, Lincoln, Whilldin.

Pink—Pacific, Perrin, Morel, Murdock, Montmort, Autumn Glory, Ivory.

Bronze—Spaulding, Hanham.

Red—Defender, Shrimpton, Childs.

Subject to being sold on receipt of order.

POEHLMANN BROS. CO., Morton Grove, Ill.

Chrysanthemums. W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Park, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.

Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.

R. F. Tesson, West Forest Park, St. Louis, Mo.

Chrysanthemums from 2½-in. pots. Fine strong plants, $2.00 per 100. Yellow—Major Bonnaffon, Golden Wedding, Yellow Jones, Yellow Queen, O. P. Bassett and Gloriana. White—Western Klog, Queen, Niveus, White Jones, Mrs. H. Robinson and Kate Brown. Pink—Mrs. Murdock, Mrs. Perrin and Mrs. E. G. Hill.

MRS. J. W. CROUCH, Chattanooga, Tenn.

CHRYSANTHEMUMS – Continued.

Chrysanthemums Cullingfordii, Eureka, Woodford, Minerva, Mrs. J. Jones, Mrs. J. G. Whilldin, Modesto, Mrs. H. Weeks, Mrs. S. T. Murdock, Mrs. O. P. Bassett and others, $2 100; 1,000, our selection, for $15; cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums, 30 of the best standard and new varieties. No. 1 plants, 2½-in. $2.50, 3½ and 4-in. $5.00, 5-in., fine bushy plants, $10.00 per 100. Friederichsen Bros., Wilton Junction, Iowa.

Positively the last call for mums. To close out, 100 Timothy Eaton and 100 mixed, $2.00 100. Fine plants. Cash. Gunnar Tellmann, Marion, Ind.

Field-grown chrysanthemums, 20 varieties at $5.00 to $8.00 100. W. L. Thomas & Son, Box 82, Augusta, Ky.

CINERARIAS.

Cinerarias, 2-in., $2.00 100; 3-in., $3.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cineraria grandiflora, finest dwarf, $2.00 100; 300 for $5.00. J. W. Miller, Hatton, Pa.

Cinerarias, 2-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cinerarias, ready Oct. 1, $2.50 100.
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Clematis paniculata, 2, 3 and 4 years old. Write for prices.
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Coleus stock plants, 2-in. large and strong, ready for 4-in., 25 or more varieties, $1.50 100. N. O. Caswell, Delavan, Ill.

CYCLAMEN.

Cyclamen giganteum, extra fine strain and plants; in separate colors; 4-in., $12.00, 5-in., $25.00 100. Asparagus plumosus, 3-in., $7.00 100. A. Sprengeri, field-grown, fine heads, $5.00 100. C. Wioterich, Defiance, Ohio.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100. Lehoig & Wionefeld, Hackensack, N. J.

Cyclamen giganteum or persicum, ready to shift for Christmas blooming, 3-in., $5.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, fine strain, 3-in. $8.00 100, 2½-in. $4.00 100. A. Balmer, Montclair, Colo.

Cyclamen, 3½-in., separate colors, $8.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Cyclamen, fine plants, mixed colors, 4-in., $8.00 100.
H. B. Campbell, Davenport, Iowa.

Cyclamen giganteum, fine plants, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

DAISIES.

Shasta daisy plants, 2-in. $10.00 100; 3½-in. $15.00 100. 250 at 1000 rate. Express prepaid. California Carnation Co., Loomis, Cal.

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200 Dracaena indivisa, 6-in. pots, 3 ft. 6 in. high, full heads, fine for vases, $15.00 per 100; $2.00 per doz. Ruxton Floral and Nursery Co., Ruxton, Md.

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Eucharis grandiflora, a money-maker for the florist who wants a fine, white flower for funeral work, bouquets, etc. Large clumps (will bloom this fall), 15 to 20 bulbs, $2.50 each, single bulbs, $10.00 100. Cash.
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FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.
ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.
ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, N. J.

Ferns in flats. The most advantageous way to buy in a stock of ferns at a little cost. Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting. We can furnish these ferns, grown separately, each flat containing any one of the following sorts, ferns all good salable varieties. Pteris Wimsettii, P. Gilbertii, P. magnifica, P. serrulata, P. cristoloba, P. cretica albo-lineata, P. adiantoides, P. Mayii, Adiantum cuneatum, Aspidium tensimense. Price per flat $2.00.
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NEPHROLEPIS PIERSONI will be a money-maker for you. Will be introduced to the trade in spring of 1903. Demand will be enormous. Place your order at once to secure early delivery. Price: $9.00 doz., 50 plants at 60c each, 100 plants at 50c each, 500 plants at 45c each, 1000 plants at 40c each.
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DREER'S FINE FERNS. Now is the time to lay in your supply of ferns. We have in stock over 500,000 plants grown in open frames, well-hardened, and in prime condition to grow for the coming season's use. For varieties and prices see displayed adv. in this issue.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Boston ferns, strong, 3 to 5 fronds, ready for 3-in. pots, $1.50 100; $10.00 1000. Nephrolepis cordata compacta, size and price of above. N. rufescens tripinnatifida (ostrich plume), small, $3.00 100, 50 and 500 at 100 and 1000 rates. F. O. B. Cash with order. Samples 10c. A. L. Hatch, Rockledge, Fla.

Seedling ferns in flats. All the leading varieties, ready for 2-in. pots, $2.00 per flat. Small ferns for filling ferneries, in all the best commercial varieties, 2½-in., $3.00 100; $25.00 1000.
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100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
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Orders booked now for September delivery for the new Nephrolepis fern ANNA FOSTER. Small plants $25.00 100.
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FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.
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Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000.
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FERNS, 100 each 3½ and 5-in. Boston ferns; must go quick to make room. Also 500 English ivy. Write Roney Bros., West Grove, Pa.

Mixed ferns, 20 sorts, $3.00 per 100. Satisfaction or your money back. C. F. Baker & Son, Utica, N. Y.

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Ferns for fern dishes, 2 and 2½-in. pots, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

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Boston ferns, 6-in. pots, 40c.
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Boston ferns from 4-in. pots and up. Write Geo. A. Kuhl, Pekin, Ill.

Maidenhair ferns, 3-in. $5.00 100.
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New Myosotis palustris semperflorens gr. Nixenauge, $1.00 per 100. Samples with bloom, 10c. G. Lotze, Glen Burnie, Md.

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Geraniums, strictly high-grade varieties, true to name, from 2½-in. pots: Jean Viaud, the pink novelty, and Duchess of Orleans, the variegated wonder, $3.00 100; Nutt, Poitevine, Perkins, Hill, Bruant, Jaulin, Athlete, Morton; Meehan, Kellway and others, $2.00 100, $18.00 1000. Buckley Plant Co., Springfield, Ill.

To clean up. We have at least 15,000 geraniums in 4-in. pots, in bud and bloom, at $5.00 per 100. Cash to accompany the order.
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Geraniums; good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
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Geraniums. Sheridan, King of the Scarlets, Nutt, Mrs. Bruant, La Favorite, Naomi, Mme. Salleroi—all named sorts—2½ and 3-in. pots, $1.50 100, $12.00 1000. Cash with order. Critchell's, Avondale, Cincinnati, O.

Geraniums. All the best and the best only. Send for descriptive list.
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Cut Gladioli Spikes, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.
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Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

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Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.
We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
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Evergreens, shrubs and privets. Send in your list of wants. Trade list out in September. Write for it.
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BOSKOOP. Catalogue free. HOLLAND.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

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Heliotropes, 2 and 3-in. Mme. Bruant, the finest heliotrope for pot sales and bedding. N. O. Caswell, Delavan, Ill.

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500 hibiscus in 2½ to 4-in. pots.
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110,000 hydrangeas. Low prices.
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Iris Germanica and other fine species of iris grown by the thousands, many of which are suitable for forcing. SPECIAL OFFER: 100 new iris at $30.00 the 100 for one week only. Send for descriptive catalogue.
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English Ivy, bushy specimens, 6 ft., $1.50 each; 4-in., $2.50 doz., $15.00 100; 3-in., $1.50 doz., $10.00 100. Bobbink & Atkins, Rutherford, N. J.

English Ivy, strong plants, 3-in., $5.00 per 100, $35.00 per 1000.
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At all times, extra fine CUT BLOOMS of Lily of the Valley, $3.00 per 100. Cash must accompany orders. Anton Schultheis, Box 78, College Point, L. I., N. Y.

Lily of the Valley, every day in the year, $3.00 per 100.
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Extra fine VALLEY, $4.00 to $5.00 per 100.
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English Milltrack mushroom spawn from a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Mushroom spawn, very vigorous, gives extra large and heavy mushrooms. Paul Swanson, 2747 47th St., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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HARDY MYRTLE, grand stock, extra heavy field-grown, $6.00 100, $50.00 1000. A. L. Miller, Station E, Brooklyn, N. Y.

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Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

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Oranges and Kum Kwats, grafted, 10-12 in., bushy, $20.00 100.
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Orchids. PHALAENOPSIS, largest stock in America: Amabilis, Amethystina, Leucorhoda, Luddemaunia, Rosea, Schilleriana, Stuartiana, all sizes, established, and newly imported. Saccalobium guttata and violacea, Vanda lamellata. Odont. crispum, about 100 plants at $1.50 each. Cattleyas, all varieties. Write for prices.
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We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Orchids. Largest stock of commercial plants in America. Julius Roebrs, Rutherford, N. J.

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We shall have, for September delivery, a limited quantity of choice paeonies suitable for commercial cut flower work. Varieties and prices on application. The Cottage Gardens, Queens, L. I., N. Y.

Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

Large double pink paeonies, $5.00 100.
Elizabeth Nursery Co., Elizabeth, N. J.

HIGH-GRADE PAEONIES.
C. S. Harrison's Select Nursery, York, Neb.

PAEONIES—September shipments.
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PALMS, ETC.

BALL'S PALMS. Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.
KENTIA BELMOREANA, 2½-in. $4.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 5-in. 75c, 6-in. $1.00 and $1.25, 7-in. $1.50, 8-in. $2.00 each. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $2.50, 9-in. $3.00, 10-in. $4.00, $5.00, $6.00 and $7.50.
KENTIA FORSTERIANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 6-in. 75c. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $3.00.
ARECA LUTESCENS, 2½-in. $6.00, 3-in. $10.00, 4-in. $17.50 per 100. Several in a pot, very bushy, 6-in. 50c, 75c and $1.00, 8-in. $2.00 and $3.00, 10-in. $4.00 and $5.00, 12-in. $7.50.
LATANIA BORBONICA, 2½-in. $4.00, 3-in. $8.00 per 100, 4-in. strong, 25c, 6-in. 50c, 8-in. $1.50.
PHOENIX CANARIENSIS, 8-in. pots at $2.00 and $2.50, 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.
ARAUCARIA EXCELSA, 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.00.
ARAUCARIA ROBUSTA COMPACTA, 16 to 18-in. high, 3 to 4 tiers, $2.00; 18 to 20-in. high, 4 tiers, $2.50.
PANDANUS VEITCHII, 6-in. at $1.00.
PANDANUS UTILIS, 4-in. 20c, 6-in. 50c, and 75c, 8-in. $1.00.
COCOS WEDDELLIANA, FICUS ELASTICA, DRACAENA SANDERIANA, ETC.
Descriptive price list on application.
CHAS. D. BALL, Holmesburg, Philadelphia.

KENTIA BELMOREANA. 12-15-in., 4-5 char. lvs., 4-in. pots, $20.00 100, $180.00 1000; 15-18-in., 5-6 char. lvs., 4-in. pots, $35.00 100.
LATANIA BORBONICA, 12-15-in., 2 char. lvs., 4-in. pots, $15.00 100.
Pandanus Utilis, 12-15-in., stocky, 4-in. pots, $20.00 100; 18-in., stocky, 5-in. pots, $25.00 100.
PHOENIX FARINIFERA, RECLINATA, and PUMILA, 12-15-in., 4-in. pots, $15.00 100; 15-18-in., several lvs. showing character, 5-in. pots, $25.00 100.
PHOENIX RUPICOLA, 18-24-in., several char. lvs., 5-in. pots, $35.00 100.
ARECA LUTESCENS, 24-30-in., 5-in. pots, $30.00 100.
FICUS ELASTICA, 10-12-in., top cuttings, $20.00 100.
Not less than 50 of a kind at above prices.
P. J. BERCKMANS CO., Augusta, Ga.

We have the largest stock of palms in the world; unsurpassed in quality and price; all sizes from 1 ft. to 20 ft. Don't place your order before you get our prices.
Siebrecht & Son, New Rochelle, N. Y.

We have the finest stock of PALMS in the country. Write for prices.
ROBBINK & ATKINS, Rutherford, N. J.

Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right.
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Crotons, about 20 varieties, 3-in. pots, strong, 6 to 8 inches, $7.00 100, 50 at 100 rate. F. O. B. Cash with order. Samples 10c.
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I have 15 large houses full of FINE PALMS, ferns, asparagus, and Adiantum farleyense. Send for price list.
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PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

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For sale, a good specimen plant of Phoenix tenuis, about 8 ft. high and 6 ft. across, for $25.00. W. T. Bell & Sons, Franklin, Pa.

Large stock—all sizes and varieties.
Send for PALM catalogue.
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Latania borbonica, for growing on, fine, 3-in., $6.00 100. J. B. Heiss, Dayton, Ohio.

Kentias, good, 50c, 75c and $1.00 each.
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Zirngiebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirngiebel, Needham, Mass.

Pansy plants from the famous Jennings' strain of seed, ready Sept. 1, at $4.00 1000. E. B. Jennings, Southport, Conn.

Pansy plants, ready Oct. 1, $3.00 1000, 60c 100. Jos. H. Cunningham, Delaware, Ohio.

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Capsicum annuum, "celestial" pepper, 2¼-in. $2.00 100. S. Muir, 3530 Mich. Ave., Chicago.

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500 2-year POINSETTIAS, one shoot, $10.00 per 100. John Breitmeyer's Sons, Detroit, Mich.

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Improved Chinese primroses, finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-in. $2.00 100. Extras added liberally. Cash. John F. Rupp, Shiremanstown, Pa.

Primula obconica grandiflora, alba and rosea (mixed only), very strong, 2-in. $2.00 100; 3-in., very strong, ready for 4 or 5-in., $5.00 100. N. O. Caswell, Delavan, Ill.

Primroses, Chinese, fringed, and obconica, 2¼-in., $2.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primroses, Chinese, Obconica grandiflora and Forbesi, $2.00 100. Cash.
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Primroses, 2½-inch pots, fine strain, $3.50 per 100. W. A. Bock, N. Cambridge, Mass.

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Roses for winter flowering.
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Golden Gates,	Perles,
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3-inch pots, $6.00 per 100.
GRAFTED ROSES. Golden Gates, very fine, $12.00 100; Bridesmaids, 3½-in., $12.00 100.
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Strong 3-in. roses. Extra good value.

	1000
3000 Brides and Maids, 3-in.	$40.00
1000 Golden Gates, fine, 3-in.	45.00
2000 Meteors, 3-in.	30.00
2000 Brides and Maids, 2 by 3-in.	20.00
200 Kaiserins, 3-in., $5.00 100.	

NOTE THIS OFFER: 100 at 1000 rate.
W. H. GULLETT & SONS, Lincoln, Ill.

Rose plants, extra fine, for winter bloom.

	100	1000
1500 Golden Gates, 3-in.	$5.00	$40.00
1500 Meteors, 3-in.	5.00	40.00
1500 Kaiserins, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order.
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SURPLUS ROSES. We have 200 Meteors, 500 Brides, 800 Maids, 700 Liberties, 500 Golden Gates, 150 Siebrechts, in 2 by 2½-inch pots; 1600 Brides, 500 Kaiserins, 300 Perles, 200 Golden Gates and 300 Siebrechts in 2½ by 3-inch pots; 700 Golden Gates in 3 by 3-inch pots. For a bargain, write Geo. A. Kuhl, Pekin, Ill.

Roses in quantity. Budded and on own roots. Crimson Ramblers and all other climbing and creeping roses. Low price. Manetti stock for December delivery, $10.00 1000. 200,000 roses in 2-in. pots for immediate and early spring delivery.
Elizabeth Nursery Co., Elizabeth, N. J.

BARGAINS.—ROSES.
Must sell. Fine healthy stock. Maids and Gates, 3-in., $4.00 100, $45.00 1000; 2½-in., $3.00 100, $25.00 1000. Brides, 3-in., $5.00 100. Some Beauties and Perles, $5.00 100.
A. C. BROWN, successor to Brown & Canfield, Springfield, Ill.

Roses, very select; private stock, offered to make room:
1000 Brides, 3-in. ..... $3.00 per 100
200 Golden Gates, 3-in. ..... 3.00 per 100
Cash with order.
STUART & HAUGH, Anderson, Ind.

Roses. Beauties, 2½-in. $3.50, 3-in. $5.00 100. Gates, 2¼-in. $3.00 100, $25.00 1000. 3-in. Maids, $40.00 1000. 3-in. Meteors, $35.00 1000. Subject to being sold on receipt of order. Poehlmann Bros., Morton Grove, Ill.

LOOK! LOOK!!
Roses ready for planting, good heavy stock: Perles, Brides, Maids, Gates, Woottons, 3-in., $5.00 per 100; 4-in., $6.00 100.
EVENDEN BROS., Williamsport, Pa.

Roses. 1000 Maids and 1000 Perles, 3-in., $4.00 100. Good strong plants for immediate planting. Cash with order. R. Williamson, Weehawken, P. O., North Bergen, N. J.

Roses. Brides and Bridesmaids, 2½-in., $3.00 100. Meteors, 3-in., $3.50 100. Golden Gates and Kaiserins, 4-in., $8.00 100. Cash.
W. J. & M. S. VESEY, Fort Wayne, Ind.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
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Left over Bridesmaids, Golden Gate and Bride roses at $4.00 per 100; $30.00 per 1000. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Brides, Bridesmaids and Meteors, 3-in., $3.00 100, $29.00 1000. Elegant stock—never offered better. Cash. Brant & Noe, Forest Glen, Chicago.

MANETTI stock. English, $12.00 1000; French, $10.00 1000. Special price on large quantities. Bobbink & Atkins, Rutherford, N. J.

Kaiserin roses, nice 3-in. plants, $5.00 per 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

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Ficus elastica, 18 to 24-in. high, 6-in. pots, $4.00 and $5.00 doz.
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PANSY SEED—New crop—My own saving—Every possible color, shade and marking—oz. $4.00; ¼ oz. $1.00.
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Chinese primula, separate colors, 100 seeds, 25c, 1000 seeds, $1.50.

Cineraria hyb. nan., giant-flowering, pkt. 500 seeds, 25c, 5 pkts, $1.00; dwarf, nana, same price.

CALCEOLARIA, mottled and tigered, pkt. 500 seeds, 25c, 5 pkts, $1.00. Shrubby rugosa, pkt. 25c.

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Imperial Pansy. Finest Giant Flower in all shades and colors, oz., $2.00.; Pkt., 25 cts. Cryptomeria Japonica, the Japan Araucaria, 1000 seeds, $1.50; pkt., 25 cts. Primula chiafimb. glob., in colors or mixed, pkt., 25 cts. Cineraria, by prize strains, pkt., 25c. Hollyhocks, Chat. prize strains, mixed, oz., $1.25; pkt., 25c. SHELLROAD GREENHOUSES, Grange P. O., Baltimore, Md.

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G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

WINNSBORO, TEX.—The Elberta Orchard Co. has been organized with a capital stock of $50,000, for growing fruits and vegetables; directors, Fred W. Malley of Hulen; W. T. Whitmean, J. M. Lanford of Winnsboro, M. M. York of St. Louis, Mo.; J. M. Gore of Quincy, Ill.; Chas. Voight of St. Louis, Mo.; Carroll York of Elberta, Texas.

COLORADO SPRINGS, COLO.—The El Paso County Horticultural Society is one of the most interesting as well as important institutions of the city. It does its work in a quiet sort of a way, but nevertheless it is doing something all the time for the good of the city. It succeeds in interesting many hundreds of persons each year in horticulture, and thereby increases the general attractiveness of the city. The annual exhibition of the society was held Aug. 20 and 21, and the show was finer and better than ever.

The Michigan Cut Flower Exchange

WM. DILGER, Mgr.

WHOLESALE CUT FLOWER COMMISSION DEALERS.

Full line of FLORISTS' AND GREENHOUSE SUPPLIES. Special attention paid to Shipping Orders.
Don't forget to write us for FANCY FERNS. We are Headquarters in the Middle States. ANY NUMBER ANY TIME, the year round. Let us figure with you.

Don't fail to write for a Sample of **FLORAZENOLEUM,** DEATH ON MEALY BUG, THRIPS, SCALE, BLACK APHIS, etc.

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Choice PAEONIES.

We have a limited quantity of choice Peonies, suitable for commercial cut flower work, which are named and described as f llows:

(PRICE FOR NATURAL DIVISION 3 TO 5 EYES.)

Lohengrin, deep rose pink, creamy rose center with crimson tips. $2.50 per doz.; $20.00 per 100.
Pink Beauty, bright rose pink with silvery rose center. Early. $2.00 per doz; $15.00 per 100.
Queen Victoria, white, crimson petals in center. $2.50 per doz.; $20.00 per 100.
Mont Blanc, snow white guards, center finishing creamy white. Mid-season. One of the best shippers. $5.00 per doz.; $40.00 per 100.
Gigantea clear silvery rose, 6 to 9 inches diameter, 2 to 3 eyes. Very early. $1.00 each; $8.00 per doz.
Pulcherrima, white, delicately traced rose pink. $2.50 per doz.; $20.00 per 100.
Festiva Maxima, enormous bloom, snow white, crimson spots in center. $2.50 per doz.; $20.00 per 100.
Humei clear soft pink. Best very late pink; $2.00 per doz.; $15.00 per 100.
Paganini, pink with sulphur white center. Large, fragrant. $2.00 per doz.; $15.00 per 100.
Humea Alba, delicate fresh pink, creamy white center, flushed. Price for good roots, 2 to 3 eyes, $1.00 each.
Baron de Rothschild, silvery rose, center shaded purplish rose. $1.00 per doz.; $8.00 per 100.
Achillea, very large early bloom, flesh white. Fragrant. $4.50 per doz.; $35.00 per 100.
Chrysanthemiflora, deep rose, creamy pink center, deep pink tuft. $4.50 per doz.; $35.00 per 100.
Officinalis Rubra fl. pl., the old well known early dark red. $2.00 per doz.; $12.00 per 100.
Officinalis Rosea, double, rosy red. $2.50 per doz.; $15.00 per 100.
Officinalis Mutabilis, or Alba plena, light satin rose changing to white. $3.50 per doz.; $25.00 per 100.
Officinalis Rosea Superba, enormous bloom, clear rose pink, tinted salmon. The earliest pure pink paeony. Cut blooms sell for double the price of any other paeony at its season. $3.50 per doz.; $25.00 per 100.

3 to 5 eyes save where noted. Send your orders early. Shipments will be about the middle of September. Orders will be filled strictly in rotation. First come, first served.

THE COTTAGE GARDENS, Queens, Long Island, N. Y.

Mention The Review when you write.

EXPRESS PACKAGES.

We have received a report from a California subscriber which indicates that some Eastern shippers are very careless in the way they pack shipments of plants for the Pacific coast. The subscriber mentioned ordered plants amounting to only $2.50 and received the plants in a box built of two thicknesses of boards, upon which the express charges were $2.88. The box was one-third full, the rest of the space being filled with paper for stuffing. After the plants were taken out the box and packing material were found to weigh twelve and one-half pounds, while the weight of the whole package was only twenty pounds. In other words, the recipient of this package paid express charges on twelve pounds of useless matter, and even at this part of the plants were wrapped in paper only and were practically all dead when received.

It is possible that this package was put up by a careless employe, but it certainly should not have been permitted to go out by the firm receiving the order. As a result of this transaction, the California subscriber will naturally feel unsafe in ever again ordering any plants from the Eastern shipper mentioned, and the possibility of making him a permanent customer has been killed. Shippers should not fail to see that their customers are treated just as they themselves would like to be treated when ordering plants.

Waynesboro, Pa.—Henry Eichholz has purchased a 25 H. P. boiler to heat his new greenhouses.

CYCAS REVOLUTA

We have an immense stock at from 25 cents to $3.00 each, and are selling out exceptional values.

THE GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.

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We acknowledge the receipt of a copy of the thirteenth annual report of the Missouri Botanical Garden, St. Louis, from Director William Trelease. In addition to the usual report of the work of the garden, there are numerous scientific papers, many of them handsomely illustrated.

Fond du Lac, Wis.—Mr. E. Haentze has started on a three months' European trip, stopping at Chicago and New York on the way.

Albany, N. Y.—The contract for the reconstruction of the main greenhouse in Washington park has been awarded to the Albany Material and Supply Company.

DID YOU SEE OUR GERANIUMS AT ASHEVILLE?

WEREN'T THEY TICKLERS?

You better place your order now.

Send for descriptive list, free.

HENRY EICHHOLZ,
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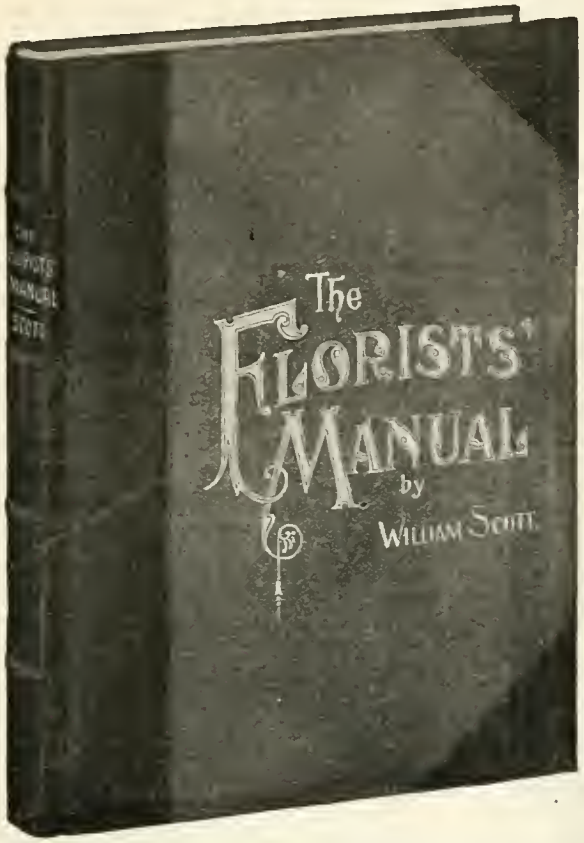

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NO SCIENCE BUT LOTS OF PRACTICAL COMMON SENSE.

It don't tell you the botanical classification but it does tell you how to produce marketable plants and cut flowers in the best and cheapest way.

It don't list every plant in cultivation but it does tell you just what you want to know about every plant that there is any money in for a Commercial Florist.

The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

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The book treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

It is a book that you need in your business just as you need any other useful labor and money saving implement or device.

The price is $5.00, carriage prepaid.

If you have not already obtained a copy of this book order one now.

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The Florists' Manual

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

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Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
Astilbe japonica
Azalea
Balsam
Bay Trees
Bedding Plants
Begonia
Bellis
Bottom Heat
Bougainvillea
Bouvardia
Bromeliads
Browallia
Bulbs
Caladium
Calamus
Calceolaria
Camellia
Canna
Carludovica
Carnation
Celosia
Centaurea
Cheiranthus
Chrysanthemum
Cineraria
Clematis
Cobea
Cold-frames
Coleus
Cosmos
Cotyledon
Crinum
Crocos
Croton
Cycas
Cyclamen
Cytisus
Dahlia
Decorations
Decorative Pl'ts
Deutzia
Dianthus
Dracaena
Drainage
Easter Plants
Epacris
Erica
Eriostemon
Eucharis
Eupatorium
Euphorbia
Ferns
Fertilizers
Ficus
Fittonia
Floral Arrangements
Freesia
Fuchsia
Fungicides
Gardenia
Geranium
Gladiolus
Glazing
Glechoma
Gloxinia
Grasses
Greenhouse Bldg
Grevillea robusta
HardyPerennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Koeniga
Lantana
Lapageria
Lawns
Libonia
Lilium
Lily of the Valley
Linum trigynum
Lobelia
Lysimachia
Manettia
Manures
Maranta
Martinezia
Maurandya
Metrosideros
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Selaginella
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Skimmia japon'a
Smilax
Soils
Solanum
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Price, $5.00, Prepaid by Express or Mail.

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Roses in quantity, budded and on own roots. Crimson Rambler and all other Climbing and Creeping Roses. Low prices on application. See wholesale list for bargains. Manetti Stock for December delivery, $10.00 per 1000.

400,000 SHRUBS; 110,000 HYDRANGEA; 200,000 HERBACEOUS PLANTS.

PAEONIES IN LARGE QUANTITIES. LARGE DOUBLE PINK PAEONIES..... $5.00 per 100.

Clematis Paniculata, two, three and four years old. Write for prices.

200,000 Roses in 2-inch pots, for immediate and early Spring delivery.

THE ELIZABETH NURSERY CO., ELIZABETH, N. J.

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CALL.

Organization of the American Paeony Society.

The undersigned, having combined to organize a society for the purpose of furthering the knowledge and interest in the paeony, cordially invite all those interested in the flower to join in said organization. The initiation fee will be $5; the annual dues $3. The general scheme of the organization will be upon the same lines as the American Carnation Society, which has been such a signal success, and which has produced a phenomenal improvement in the carnation flower. The Paeony Society will have ample financial backing and its success is amply assured. Those wishing to join may become charter members by remitting $5 membership fee to Alex. Wallace, temporary secretary and treasurer, Box 1697, New York City.

W. A. Peterson, Chicago, Ill.
T. C. Thurlow, West Newbury, Mass.
William Scott, Buffalo, N. Y.
James Wheeler, Brookline, Mass.
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E. L. Beard, Boston, Mass.
George Hollis, South Weymouth, Mass.
C. W. Ward, Queens, L. I., N. Y.
Alex Wallace, care Florists' Exchange, New York.

HAMILTON, ONT.

An announcement has been issued regarding the trade exhibit to be held in connection with the convention of the Canadian Horticultural Association in this city, Sept. 3 and 4, and copies may be had by addressing Chas. M. Webster, N. Wentworth street. A rate of only 10 cents a square foot has been made for space. It is certainly an excellent opportunity to reach the Canadian trade.

Moline, Ill.—Active steps are being taken by the City Improvement League to largely expand the park system.

FREESIA BULBS

Home-Grown, Pure White.

THE BEST STOCK FOR EARLY FORCING.

		Per 100	Per 1000
MAMMOTH BULBS		$1.00	$ 8.00
FIRST SIZE	"	.75	6.00
BERMUDA	" ½-in. size	.75	7.00
"	" ⅝ in. size	.70	6.00
CALIFORNIA	" ½-in. size	.70	6.00

DELIVERED FREE ANYWHERE IN THE U. S.

Narcissus Bulbs.

	Per 100	Per 1000
PAPER WHITE GRANDIFL	$1.25	$ 9.00
NARCISSUS VONSION, dbl. nose	2.00	18.00
NARCISSUS VONSION, single nose	1.50	12.00
ROMAN HYACINTHS, 11x15	2.50	22.50
" " 12x15	2.75	26.00
" " 13x15	3.25	30.00
" " 15 and over	4.00	38.00

Catalogue Mailed Free.

Stumpp & Walter Co.

50 Barclay St., New York City.

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It's a Shame!

A crying shame to offer HARRISII at such a name.

$20.00 FOR 200 BULBS OF 7 TO 9.

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W. & T. SMITH COMPANY,

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Wholesale Growers of Ornamental Trees Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

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500 SMILAX,

3-inch, strong, healthy plants, $2 50 per 100.

100 GATES,

3-inch, strong, healthy plants, $2.50 per 100

W. C. ROCKWELL, BRADFORD, PA.

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IMPORT PRICE.

TO DISPOSE OF A FEW THOUSAND **LIL. HARRISII Surplus Stock** WE OFFER AS LONG AS UNSOLD:

GUARANTEED SOUND, CLEAN STOCK:

	Case	100	1000		Case	100	1000		Case	100	1000
5x7-inch.....	400	$4.00	$35.00	5½x7-inch.....	350	$4.50	$40.00	7x9-inch.....	200	$9.00	$85.00

Case lots at 1000 rate. DON'T MISS THIS CHANCE.

HYACINTHS.

French Roman White—(very scarce—buy before stock gives out.)

	12	100	1000		12	100	1000
11x13 cm.....	30c	$2.00	$18.00	12x15 cm.....	45c	$2.60	$24.00
11x15 cm.....	40c	2.50	22.00	13x15 cm.....	50c	2.75	26.00

NARCISSUS.

	12	100	1000
Paper White—(True Grandifl.) 13 cm. up..	20c	$1.00	$8.00
Trumpet Major—EARLIEST Forcing—French stock ..	20c	1.00	9.00

FREESIAS.

Our well known **pure white California** stock.

	12	100	1000		12	100	1000
⅜x⅝-inch.....	5c	40c	$3.00	⅝-inch up to ¾-inch.	10c	60c	$5.00

BURMUDA BUTTERCUP OXALIS.....15c 75c 6.00
" " " **extra size**.....20c $1.00 8.00

ALLIUM NEAPOLITANUM.

	12	100	1000
Favorite for forcing	10c	50c	$4.00

CALLA ETHIOPICA.

Same non-diseased reliable stock grown by us in California for the past twenty years.

	12	100	1000
3x5-inch circumference.....	60c	$4.00	$35.00
4x6-inch "	75c	5.50	50.00
5x7-inch "	$1.00	7.50	70.00
Monster ..... Large Callas scarce.	1.50	10.00	

CYCLAMEN PERSICUM GIGANTEUM.

In most brilliant rose, rose with red eye, crimson, white with red eye, white, mixed. Bulbs, 1⅛-3 inches diameter, 12, $1.00; 100, $7.00.

LILIUM CANDIDUM.

St. Joseph's Lily, more used by florists than ever for forcing. We offer the **Northern** grown, thick petalled, substantial stock. **Pays well.**

1st size, 22 cm. up.. . . ..12, 75c; 100, $5.00; 1000, $45.00
2nd " 20 " 12, 60c; 100, 4.00; 1000, 40.00

SEEDS.

Asparagus Sprengeri. Every seed germinative. Fresh 1902 crop. **No old seed.** 100 seeds, 30c; 1000 seeds, $2.00.

PANSY SEED.

Berger's Never-fail Mixture is made up by ourselves, contains **all colors,** all **best strains. We recommend it.** Will not disappoint you. 100 seeds, 25c; 500 seeds, $1.00; oz., $2.50.

Bugnot, Trimardeau, Odier, Cassier, 1000 seeds, 25c; 5000 seeds, $1.00. **Separate colors,** white, black, bronze, red, blue, purple, violet, yellow; four colors, etc.; 1000 seeds, 25c; 5000 seeds, $1.00. **Any named sort. Write for them.**

New Giant Cassier, 500 seeds, 25c; 1000 seeds 40c.

CHINESE PRIMULA, separate colors, 100 seeds, 25c; 1000 seeds, $1.50.

Cineraria Hyb., Giant Flowering Max.....pkt. 500 seeds, 25c; 5 pkts., $1.00
" " " " Dwarf (Nana) " " 25c; " 1.00
Calceolaria, mottled and tigered..... " " 25c; " 1.00
" **Shrubby** Rugosa, pkt., 25c.

H. H. BERGER & CO., 47 Barclay Street, NEW YORK.

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ROSES.

Seasonable Hints.

With the longer and cooler nights greenfly will be sure to make its appearance.

Whilst this is one of the most annoying and persistent enemies of the rose grower, it is one of the easiest to destroy and hold in check, and anyone who has studied its habits and the various methods of eradicating it has no need to suffer from its ravages. Tobacco in its various forms is the most effective remedy known. For roses which are in bud or bloom vaporizing and smoking are the safest and most effective.

To derive the greatest benefit from fumigating it should be done in the morning before sunrise, immediately after the morning's cut is taken. At that time the glass is cool, the soil in the benches comparatively dry and evaporation is at a minimum, which allows the vapor or smoke to settle nearer the soil and to cling closer to the leaves and stems than if performed in the evening. By keeping the ventilators closed for twenty minutes or half an hour the fumes will have done their work, when syringing can be proceeded with. The ventilation required during the day will dissipate the odor of the tobacco before it is time to take the evening cut.

Fumigating, when done in the evening, is apt to leave a disagreeable, stale smell on the morning cut, which is very perceptible after the flowers have been packed and shipped a distance. The water from the syringe also adheres more tenaciously to the leaves and gives them a wet and bedraggled appearance, which is absent after a morning fumigation.

A system of periodical fumigating should also be adopted and strictly adhered to, once a week being sufficient to keep them in subjection.

If fumigating is only done when the fly becomes so numerous as to injure the buds the amount required to effect a remedy will be apt to spoil the luster of the petals. The coloring of such varieties as Meteors, Beauties and Bridesmaids will also lose its intensity.

RIBES.

WHY PAY MORE?

rate colors, per 1000, **$2.00.**
For less than 500 add 10 per cent.

HOLLAND HYACINTHS—Large bulbs for forcing and bedding. Equal quantities red, white, blue, per 1000, **$20.00. All colors, mixed,** per 1000, **$18.00. Tulips,** extra fine mixture, per 1000, **$5.50. Tulips** in separate colors, white, yellow, striped, red, etc., per 1000, **$6.00** to **$8.00 Narcissus,** double and single, fine mixture, per 1000, **$7.00. Crocus** by the million, separate colors, per 1000, **$1.50. Crocus** by the million, mixed colors, per 1000, **$1.50.**

Other Bulbs and Plants cheap.

Azalea Indica,

$15.00 to $50.00 per 1000 at Nurseries in Belgium.

Also PALMS, ARAUCARIAS AND BAY TREES.

Bamboo Plant Stakes for Chrysanthemums, etc., per 1200, **$6.00.**

Cash with order please. For catalogues address—

C. H. JOOSTEN, Importer, 178 Chambers St., **NEW YORK.**

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Hardy Myrtle

Grand Stock, Extra Strong, Field-Grown.

$6.00 per 100; **$50.00** per 1000.

ABUTILON SAVITZII.

2-in. pots $3.00 per 100, 3-in. pots $6.00 per 100. Elegant plants for stock. Supply limited.

A. L. MILLER, Station E, **Brooklyn, N. Y.**

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OUR STOCK

Will Please

YOUR CUSTOMERS.

C. C. Pollworth Co.

Milwaukee, Wis.

Catalogue on application.

THE HAIL ASSOCIATION.

The annual report of the officers of the Florists' Hail Association of America shows that on the first day of August, 1902, the 1,098 members comprising the Florists' Hail Association of America insured an aggregate of 16,376,507 square feet of glass, subdivided as follows: Single thick, 3,643,463 square feet; double thick, 8,670,634 square feet; single thick, extra one-half, 361,069 square feet; double thick, extra one-half, 830,993 square feet; single thick, extra whole insurance, 983,769 square feet; double thick, extra whole insurance, 2,482,610 square feet.

The receipts for the year ending August 1, 1902, have been: From twelfth assessment, $9,498.77; from new business, as per treasurer's report, $2,545.84; from interest on investments, $406; from reinsurance of glass broken by hail, $104.53; from repayment of loan, $400. Total receipts for the year, $12,955.14.

The treasurer has paid $8,483.25 for losses during the year; for expenses, $1,629.49; for investment on account of emergency fund, $6,400, making a total of $16,512.74.

The cash balance on hand at the close of the year is $6,116, of which $2,307.15 belongs to the reserve fund, and leaving $3,808.85 available for use in the emergency fund. To this should be added $6,000, which has been invested upon call, making a total of $9,808.85 for the payment of losses.

The reserve fund of the Florists' Hail Association now consists of $7,600, invested as per treasurer's report, and $2,307.15 cash in hand, making the total reserve fund August 1, 1902, $9,907.15.

Glass belonging to members to the extent of 86,261 square feet of single thick and 32,196 square feet of double thick was broken by hail during the past year and paid for by the Florists' Hail Association.

Since the first day of June, 1887, the Florists' Hail Association has paid over 600 losses involving an expenditure of about $53,000.

If you want protection from loss by hail send to John G. Esler, secretary, Saddle River, N. J., for rates, etc.

Bridgeport, O.—Lawrenee E. Sands, cashier of the National Exchange Bank of Wheeling, has bought at sheriff's sale in partition proceedings, the Reid nursery property for $7,955.

Roses and Mums to Close Out

White—Eaton, W. Bonnaffon, Fitzwygram, Kalb, Bergmann, Ivory, Robinson, Queen; **Yellow**—Parr, Sunshine, Yel. Fitzwygram, Yel. Jones, Trophy, Pennsylvania, Appleton, H. Hurrell, O. P. Bassett Lincoln, Whilldin; **Pink**—Pacific, Perrin, Morel, Murdock, Montmort, Asst. Glory, P. Ivory; **Bronze**—Spaulding, Hanham; **Red**—Defender, Shrimpton, Childs, 2½-inch, $2.00 per 100; $20.00 per 1000. **Rooted Cuttings** of the above $13.00 per 1000 as long as they last. Get your order in quick.

Beauties, 2½-inch, $3.50 per 100; 3-inch, $5.00 per 100. **Gates**, 2¼-inch, $3.00 per 100; $25.00 per 1000. **Maids**, 3-in., $40.00 per 1000. **Meteors**, 3-in., $35.00 per 1000. Subject to being sold on receipt of order.

Poehlmann Bros. Co., -- Morton Grove, Ill.

PRIMROSES

	Per 100
Chinese	$2.00
Obconica Grand	2.00
Forbesi	2.00

Asparagus { Sprengeri, 2-inch pots 2.00; Plumosus " " 3.00

CINERARIAS, ready October 1st 2.50

PANSY PLANTS, ready October 1st, $3.00 per 1000 .60

CASH OR C. O. D.

JOS. H. CUNNINGHAM, - - Delaware, Ohio.

Mention The Review when you write.

Smilax!

Strong plants, 2½-in. pots, ready for benching, **$1.00** per 100; **$10.00** per 1000

JOHN BROD, Niles Center, Ill.

Mention The Review when you write.

VIOLETS. FINE STOCK. ALL VARIETIES.

3-inch, $4.00 per 100; $35.00 per 1000.
2¼-inch, 2.75 " 25.00 "

SMILAX, 2-inch, $1.50 per 100; $12.50 per 1000.
3-inch..... 3.00 " 25.00 "

STEVIA, fine plants, 3-inch, $2.50 per 100.

SWAINSONA. 3-inch, $8.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

WALTER MOTT SEED & BULB CO.,

Jamestown, N. Y.

SEND FOR CATALOGUE.

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Latania Borbonica

for growing on, 3-inch pots, fine plants, $6.00 per 100.

J. B. HEISS, The Exotic Nurseries, DAYTON, OHIO.

Mention The Review when you write.

We have the largest stock of

ARAUCARIA EXCELSA

In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above	$0.50
5½-in. pots, 12 to 14 inches	60c to .75
6-in. pots, 15 to 18 inches	75c to 1.00
Specimen	1.25
Kentias Forsterlana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots	.75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen	from $4.00 to 5.00
Boston Ferns, 6-in. pots	.40

Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants
1012 Ontario St., PHILADELPHIA, PA.

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JOSEPH HEACOCK,

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Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and **LATANIA BORBONICA**

Price List for the asking.

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YOU OUGHT TO TRY

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at **$3.75** per 100, until sold.

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DREER'S FINE FERNS!

Now is the time to lay in your supply of FERNS. We have in stock over one-half million plants grown in open frames, well-hardened and in prime condition to grow on for the coming season's use.

	In. Pots.	Per 100	Per 1000
Adiantum Aethiopicum	3	$10.00	....
" Bellum	2	5 00	.....
" Bausei	3	10.00	.....
" Capillus-Veneris	3	8 00	.....
" " Mairisii	3	10.00	.....
" Cuneatum	2	3.50	$30.00
" "	3	6.00	50.00
" " Variegatum	2	4.00	.....
" "	3	6.00	.....
" Charlottæ	2	4.00	30.00
" "	3	6.00	.....
" Decorum	2	3.50	30.00
" "	3	6.00	50.00
" Farleyense	2	8.00	.....
" "	3	15.00	.....
" Grandiceps	2	3.50	30.00
" "	3	6.00	.....
" Gracillimum	2	3.50	30.00
" "	3	6.00	50.00
" Le Grandi	2	6.00	.....
" "	3	8.00	.....
" Mundulum	2	4.00	.....
" "	3	6.00	.....
" Pubescens	2	3.00	25.00
" Rochfordianum	2	3.50	30.00
" "	3	6 00	50.00
" Weigandii	2	6.00	50.00
" Rhodophyllum	2	5.00	.....
" "	3	8.00	.....
Aspidium Tsussimense	2¼	3.50	30.00
Asplenium Nidus-avis	3	20.00	.....
Blechnum Braziliense	2¼	3.50	30.00
" Occidentale	2¼	3 50	30.00
" Ruhrum	2¼	3.50	30.00
Cyrtomium Falcatum	2¼	3.50	30.00
" Fortunei	2¼	3.50	30.00
Davallia Fijensis Plumosa	2	8.00	.....
" " Majus	3	10.00	.....
" Pentaphylla	3	8.00	.....
" Stricta	2¼	3.50	30.00
Dicksonia Antarctica	3	8.00	....
Doodia Aspera Multifida	2¼	3.50	30.00
" Caudata	2¼	3.50	30.00
Gymnogramme Sulphurea	2¼	5.00	....
Lastrea Aristata Variegata	2¼	3.50	30.00
" Chrysoloba	2¼	3.50	30.00
Lygodium Scandens	2¼	4.00	30.00

	In. Pots.	Per 100	Per 1000
Microlepia Hirta Cristata	2¼	$ 6.00	.....
" " "	3	10.00	.....
" " "	4	15.00	.....
Nephrolepis Bostoniensis	2¼	4.00	$35.00
" "	6	40.00	....
" Cordata Compacta	2¼	4.00	35.00
" Duffii	3	6 00	.....
" "	4	10.00	.....
" Pectinata	3	6.00	.....
" Rufescens Tripinatifida	3	10 00	.....
Onychium Japonicum	2¼	3.50	.....
Platyloma Falcata	2¼	4.00	35.00
Polypodium Aureum	2¼	3.00	25.00
" Areolata	2¼	3.50	30.00
" Fraxinifolia	2¼	3.50	30.00
Polystichum Coriaceum	2¼	4.00	35.00
" Setosum	2¼	3.50	30.00
Pteris Adiantoides	2¼	3.00	25.00
" Argentea	2¼	3.50	30.00
" Argyraea	2¼	3.50	30.00
" Cretica Albo-Lineata	2¼	3.50	30.00
" " Magnifica	2¼	3.50	30.00
" Hastata	2¼	3.00	25.00
" Harrisoni	2¼	3.50	30.00
" Iuternata	2¼	3.50	30.00
" Leptophylla	2¼	3.50	30.00
" Longifolia	2¼	4.00	.....
" " Mariesii	2¼	4 00	.....
" Nemoralis	2¼	3.50	.....
" Ouvrardi	2¼	3.50	30.00
" Palmata	2¼	3.50	30.00
" Serrulata	2¼	3.00	25.00
" " Cristata	2¼	3.50	30.00
" " Volnta	2¼	3.50	30.00
" Sieboldii	2¼	3.50	30.00
" Tremula	2¼	3 50	30.00
" Victoria	2¼	3.50	30.00
" Wimsetti	2¼	3.50	30.00
Selaginella Caesia	3	6.00	.....
" " Arborea	3	10.00	.....
" Cuspidata	3	6.00	.....
" Denticulata	3	5.00	.....
" Flabellata	3	6.00	.....
" Kraussiana Aurea	3	5.00	.....
" " Variegata	3	5.00	.....
" Martensi	3	6.00	.....
" Vogelii	3	8.00	.....

Choice Mixed Ferns Our selection from 2¼-inch pots $3.00 per 100; $25.00 per 1000; $100.00 per 5000.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

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Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. Jnly 27, 1897; May 17, 1898.

Write for prices and circulars.

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226 N. 9th St., Brooklyn, N. Y.

CYCLAMEN GIGANTEUM or PERSICUM. Extra fine plants; ready for shifting for Christmas blooming, 3-in., $5.00 per 100. **Cinerarias,** 2-in., $2.00 per 100. 3-in., $5.00 per 100. **Smilax,** 2-in., $1 00 per 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100.

Primroses, Chinese Fringed and Obconica, 2¼-inch, $2.00 per 100.

Cyclamen Persicum Seed, mixed, $4.00 per 1000 seeds. **Asparagus Sprengeri,** $1.75 per 1000 seeds. **Pansy,** Prize Strain Bugnots, Cassiers and Odiers or Giant Trimardeau, $2.00 per oz. All fresh seed.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N. Y.**

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GERANIUMS!

Good Assortment, Standard Varieties, from 2¼-in. pots, **$2.00** per 100.

CHRYSANTHEMUMS....

Cullingfordii, Eureka, J. H. Woodford, Minerva, Mrs. J. Jones, Mrs. J. G. Whilldin, Modesto, Mrs. H. Weeks, Mrs. S. T. Murdock, Mrs. O. P. Bassett, and others at **$2.00** per 100. 1000 our selection for **$15.00.**

CASH WITH ORDER.

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I grow only pansy seed and plants, and only the finest. Plants ready Sept. 1 at $1.00 per 1000. Finest Mixed, pkt., $1.00; ½-oz., $3.00; 1-oz. $5.00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

E. B. JENNINGS, Lock Box 254, **Southport, Conn.**

GROWER OF THE FINEST PANSIES.

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FREESIAS CALLAS

Lilium Harrisii, Etc.

If our trade bulb list has not been received, we shall be glad to send it on application.

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36 CORTLANDT STREET, NEW YORK.

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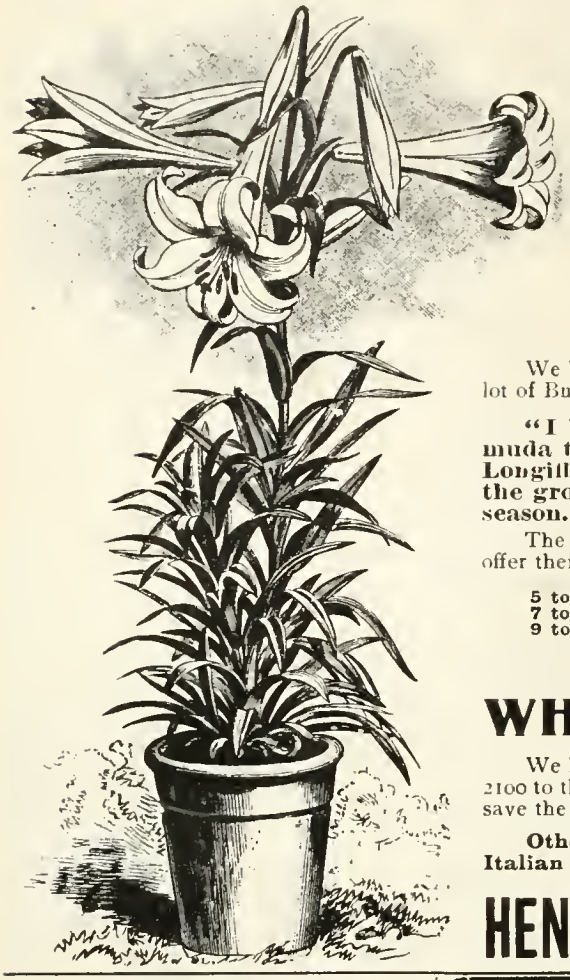

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Lilium Harrisii

(Bermuda Easter Lily.)

We have received from one of the most careful growers in Bermuda a grand lot of Bulbs. He writes us regarding the same as follows:

"I believe these Bulbs to be the very best stock leaving Bermuda this or any previous season, perfectly free from disease, no Longiflorum mixed with them and worth 50 per cent. more to the growers than nine-tenths of the stock leaving the colony this season."

The appearance of the Bulbs fully warrant the above strong statement. We offer them as under:

	Per 100	Per Case	Per 1000
5 to 7-inch, packed 400 in a case.....	$ 4 75	$18 00	$ 45 00
7 to 9 " " 200 "	11 00	20 00	100.00
9 to 11 " " 100 "	20 00	20.00	90.00

As the lot is not very large it would be well to order early.

WHITE ROMAN HYACINTHS.

We have a good supply of the popular 12 to 15 centimeter Bulbs (packed 2100 to the case), price **$24.00** per 1000. This price will be advanced shortly; save the difference by ordering now.

Other bulbs now ready—Pink and Blue Roman Hyacinths, White Italian Hyacinths, Freesias, Alliums, Narcissus Paper White, etc., etc.

HENRY A. DREER, 714 Chestnut St., ...PHILADELPHIA, PA.

LONDON, ONT.

Meeting of Canadian Horticultural Society.

The fifth annual convention of the Canadian Horticultural Association, which will be held in the city of Hamilton on Wednesday and Thursday, Sept. 3 and 4, will show a marked advancement over any of its predecessors. From its near proximity to Buffalo and other American cities, there is likely to be a good sprinkling of those who have not found it convenient to attend the S. A. F. meeting at Asheville.

The flower fete gotten up by the Hamilton Horticultural Society and Gardeners' and Florists' Club will be an innovation that cannot but have a beneficial influence.

The trade exhibit, too, under the able management of Mr. C. M. Webster, is an assured success. Already space has been applied for by a large number of firms. Several United States firms, who are not exhibiting at Asheville, have applied for space. Customs arrangements for the free entry of goods for exhibition have been made. The program has been arranged to cover a range of subjects that will give ample scope for instructive discussion.

An effort will be made to establish a trade paper under the patronage of the association, and last, but not least, the value of the social side is one that cannot be estimated too highly. The hospitality of the Hamilton boys is well known, and we are assured of a very pleasant time. One of the features will be a trolley ride through the Niagara

Lily of the Valley

EVERY DAY IN THE YEAR,

$3.00 per 100.

Three and a half million Valley Pips in one field.

SMILAX, 15 cts. a String.

Asparagus Plumosus Nanus,

ALL THE YEAR ROUND, **50 cts. a String.** Five thousand strings, varying in length from 10 to 20 feet, in one house.

Asparagus Sprengeri,

YEAR IN AND YEAR OUT.

50 cts. a Bunch. Three thousand plants ready to cut and bunch.

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Send for Special Bulb List.

MANETTI STOCK.

Order now for early delivery.
English Manetti, **$12.00** per 1000.
French " **10.00** "
Special prices on large quantities.

PALMS, ARAUCARIAS, FICUS, FERNS, Etc.

We have the largest stock in the country

SEEDLING FERNS IN FLATS,

All the leading varieties, ready for pots **$2.00** per flat.

SMALL FERNS for filling Ferneries,

In all the best commercial varieties, 2½-inch **$3.00** per 100; **$25.00** per 1000.

Headquarters for BAY TREES and BOXWOOD—Write us for prices.

KENTIA BELMOREANA.

					Per doz.	Per 100	Per 1000
2-inch pots,	2 to 3	leaves,	6	inches high	$1.00	$6 50	$50.00
2½ "	3 to 4	"	8	"	1 50	12 00	100.00
3 "	4 to 5	"	10 to 12	"	3 00	25.00	
4 "	5 to 6	"	15	"	4.50	35.00	
5 "	5 to 6	"	18	"	7 50	60.00	
5½ "	5 to 6	"	22	"	9.00	75.00	

					Each	Per doz.
6 "	6	"	24	"	$1.25	$15.00
6 "	6 to 7	"	26 to 28	"	1.50	18.00
6 "	6 to 7	"	28 to 30	"	2.00	24 00
7 "	6 to 7	"	30 to 36	"	3.50	36.00
7 "	7 to 8	"	36 to 40	"	4.50	50.00
8 "	7 to 8	"	40 to 45	"	5 50	60.00
5½ "	3 plants in pot				1.00	10.00

12-inch tubs, bushy specimens, each, $10.00, $12.00 and $15.00.

Larger specimens, prices on application.

KENTIA FORSTERIANA.

					Per doz.	Per 100
2½-inch pots,	3	leaves,	8	inches high	$1.50	$12.00
3 "	3 to 4	"	12	"	2.50	20.00
4 "	4 to 5	"	15	"	4.50	35.00
5 "	5	"	15 to 18	"	6.00	50.00
5½ "	5	"	18 to 20	"	7.50	60.00
6 "	5	"	20 to 24	"	9.00	75.00

KENTIA FORSTERIANA.

					Each	Per doz.
6-inch pots,	5 to 6	leaves,	24 to 28	inches high	$1.00	$10.00
6 "	5 to 6	"	28 to 30	"	1.25	15.00
6 "	6	"	30 to 32	"	1.50	18.00
6 "	6 to 7	"	32 to 36	"	2.50	24.00
7 "	6 to 7	"	36 to 42	"	3 50	36.00
8 "	6 to 7	"	42 to 48	"	4.00	45.00
8 "	6 to 7	"	48 to 60	"	5.00	60.00
7-inch, 4 plants in pot					4.00	45.00

FICUS ELASTICA, (Rubber Plant.)

4-inch pots, now ready	$3.50 per doz.;	$25.00 per 100	
5 "	6.00	"	45 00 "
6 "	7.50	"	60 00 "

ARAUCARIA EXCELSA.

Fine plants	$6.00 per doz.;	$40.00 per 100	
"	7.50	"	55.00 "
"	9.00	"	70.00 "
"	12 00	"	90.00 "
"	18.00	"	

ARAUCARIA EXCELSA GLAUCA.

Fine plants.....$9 00 per doz. Fine plants .....$18.00 per doz.
" .....12.00 " " ..... 24.00 "

ARAUCARIA ROBUSTA COMPACTA.

Extra fine plants ...$12.00 per doz. Extra fine plants.....$18.00 per doz.
Extra fine plants....$24.00 per doz.

Our special list of forcing Azaleas, Kalmias and Rhododendrons now ready, write for same.

Visit our Nurseries which are very interesting at the present time.

BOBBINK & ATKINS, Rutherford, N. J.

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fruit district to Winona and Grimsby; another to the mountain, the view from which is one of the best in Canada. From there can be seen the Niagara fruit district lying in the valley, with Lake Ontario on the one side and the mountain range on the other, the numerous rail and electric roads winding in and out, and at the foot of the mountain lies the city of Hamilton, bordered by the Burlington bay.

As the convention is being held at the same time as the Toronto fair there will be cheap rates on all railways. Single fare good for ten days and special rates on several days; about two-thirds single fare. Those attending should make inquiry from nearest agent, and those at a distance should buy a return ticket to Toronto and then go either by rail or boat to Hamilton.

The entertainment committee has provided an excellent program, and all who attend will receive a royal welcome.

LOND.

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Bulbs! Bulbs!

Ex. Pearl Tuberose and Caladium Esc. Bulbs and Canna Roots. Popular varieties.

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HEATING.

I wish to heat, by hot water, a small place, 10x20, side walls 4 feet, 10 feet to ridge, south end glass, north end protected, to maintain a night temperature of 50 degrees. How many flows and returns of 2-inch pipe will it require? I wish to use same boiler that I heat my house with now. Top of boiler is two feet above floor of greenhouse and greenhouse is five feet away from house. Could pipes be run to it? And what is the best way to protect them. F. M. Ill.

Replying to F. M., a 2-inch flow pipe should enter one end of the greenhouse near the ridge, then dropping down under one of the side benches, branch into four 2-inch pipes, which should run along two sides and across one end of the house, then reducing into one 2-inch return and running back below the ground to the boiler in the cellar of the dwelling. The pipe must be down-hill from the time it leaves the main flow pipe in the dwelling until it reaches the boiler again at the return. The best way to protect the pipe above the ground is to wrap it with with ½-inch hair felt, over which should be placed the ordinary sectional asbestos covering for 3-inch pipe, which has a canvas outer covering that can be readily painted to make it water-proof. The return below the ground should be well wrapped with hair felt or asbestos, and enclosed in a wooden box of 2-inch thick plank.

If the greenhouse were heated by an independent boiler, three pipes under each bench would answer, but in a small house heated from the dwelling system, where the fire is usually checked at night, more heating surface is required in the greenhouse. Henry W. Gibbons.

New York.

VENTILATION.

A good deal has been said and written about giving roses and carnations plenty of air, especially the latter, but I believe the full importance of the matter has not yet been generally understood. I believe that few, if any, growers yet have sufficient ventilating space on their houses to enable them to give as much air in summer as they should.

On a house about 30 feet wide, and this is getting to be the most common width around Chicago, I believe that the ventilators should be four feet deep and continuous, and that there should be ventilators of this size on both sides of the ridge. They should open from the header and not from the ridge. The ventilators can then be kept open in rainy weather without admitting much of the rain. In ordinary summer weather both sides should be wide open, insuring a really active circulation of the air. In a few carnation houses I have seen where the summer ventilation was what seemed to be unnecessarily large the plans were so vigorous and produced such fine blooms on stout stems that the difference in their favor was strikingly apparent.

In winter time the expense of the extra ventilators will be well repaid also, for you can then nearly always put on a crack of air on the opposite side from that from which the wind comes, and get ventilation without any chance of a chill wind striking the plants. I believe that this double ventilation on the roof is far preferable to any attempt at using side ventilation, which has several drawbacks.

With eight feet of continuous ventilation on carnation houses the inside temperature in summer time could be kept nearly the same as in the open air and not 10 to 15 degrees higher, as is now the rule. And this would largely do away with any necessity of shading carnation plants after benching. Of course, a very light shade for a few days would be wise in hot, sunny weather, but only for a day or so, and so light that there would be only the slightest check in the sun's rays. Charles Handel.

Grinnell, Ia.—M. N. Confrey, florist for the Ladies' Cemetery Association, has now been appointed sexton of the cemetery also.

Chrysanthemums and Carnations.

This comes from WALLACE GOMERSALL, Superintendent of the famous "Wodenethe," owned and finely maintained by Winthrop Sargent, Esq., Fishkill-on-Hudson, N. Y.:

"For Chrysanthemums, we use **GRAPE DUST** with the best results by freely dusting with it until the delicate blooms come, then we are a bit shy of it to prevent any staining of the petals, but during the green state, even in bad weather, there is no trace of fungus, and we keep free of the spot. I have recommended it to many gardeners, and so far my acquaintances have found it very valuable. In common with many Gardeners and Florists, I have found it of great value in checking the **RUST ON CARNATIONS.** It is not expensive to use, for by using in air bellows it diffuses itself everywhere, and is, in my judgment, a valuable every day article."

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Fitted and Handsome Fancies.

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"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

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Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.
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Short-Roof Greenhouses.

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Perfect Ventilation.

Safety and Ease of Construction.

Largest Available Bench Space.

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INSIDE VIEW OF HOUSES.

All Benches Equally Good.

Cool in Summer and easy to heat in Winter.

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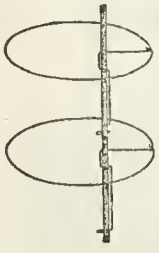
TESTIMONIALS.



From A. Gude & Bro., Washington, D. C., April 11, 1902. "In reply to your inquiry of March 19 in reference to the Wire Tendril, we beg to say that we find them very satisfactory in every respect."

From Alex. B. Gardner, Washington, D. C., Oct. 29, 1901. "I have used your Wire Tendrils on my roses and carnations and find them much better than anything else I have ever used or seen."

Sample package of 100, by mail prepaid, 60 cents.

H. THADEN & CO.

472 W. Hunter St., ATLANTA, GA.

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DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN - - - - CIRCULAR FREE -

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Kill and Save the Blooms Bugs!

QUICKLY DOES IT.

Cut Flower Boxes

WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable, handy.** To try them once is to use them always.

DON'T USE OLD STORE BOXES.

If you have any doubt, send for samples, which speak for themselves.

Size			
No. 1	3x4½x16	$1.75 per 100;	$15.00 per 1000
" No. 2	3x6x18	2.00 "	18.00 "
" No. 3	4x8x18	2.40 "	22.00 "
" No. 4	3x6x20	2.75 "	25.00 "
" No. 5	4x8x22	3.00 "	28.00 "
" No. 6	4x8x28	3.75 "	35.00 "

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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

Holds Glass Firmly
See the Point
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
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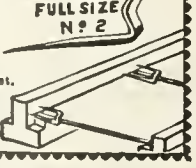
714 Chestnut St., Phila., Pa.



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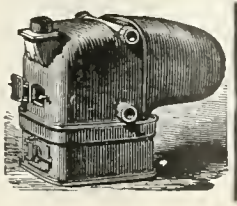

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Hot Water Boilers, Pipes, Fittings
And Ventilating Apparatus
Send Four Cents for Catalogue.

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Wrought Iron Pipe,

Cast and Malleable Iron Fittings,

Brass and Iron Valves and Cocks,

Suitable for Greenhouse Work.

Sole Agents for Lunkenheimer Valves and Steam Specialties.
Pipe cut and fitted to sketch from 1-8 inch to 18 inches.

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1428-32 Callowhill Street,

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This is a Formula for **Preventing and Remedying Black Spot on Rose Plants.**

We do not hesitate to advertise
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"DUNNITE"
(Registered)
It is a GRAND Formula, GENUINE and PURE, and will earn its own reward from every grower who uses it.
DUNNE & CO.

ESPECIALLY ADAPTED TO AMERICAN BEAUTY.

If used as directed you will never suffer from BLACK SPOT or INSECTS on any of your ROSE PLANTS.

This formula is the result of practical experience and careful study of many years.

Write for Prices and Descriptive Circular.

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DUNNE & COMPANY,

HORTICULTURAL SUPPLIES,

Office and Salesroom: **54 West 30th St., NEW YORK.**

The Syphon Refrigerator

(Bohn Patent.)

For Florists

We have Hundreds of Testimonials as strong as the following:

Minneapolis, Minn., January 5, 1901.
White Enamel Refrigerator Co.,
St. Paul, Minn.

Dear Sir:—The refrigerator you built for us recently is proving entirely satisfactory. It maintains a very uniform temperature of 42 degrees, and flowers keep in it well.

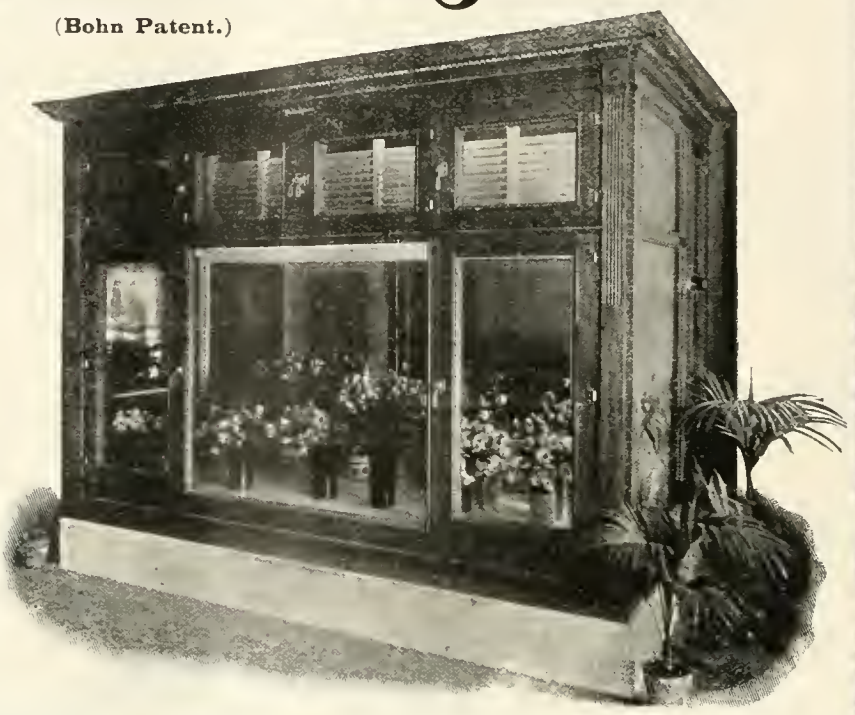
We find it well constructed and a highly attractive ornament to our store.

Yours very respectfully,
E. Nagel & Co.

St. Paul, Minn., December 8, 1898.
White Enamel Refrigerator Co.,
St. Paul, Minn.

Dear Sir:—Since using your ice case in our retail flower department we have saved 30 per cent in the consumption of ice. Our saving in flowers we cannot accurately determine, but should estimate conservatively 25 per cent. Not only this, flowers keep with us as they never did before, and retain their salable appearance longer. Your box is certainly a boon to the florists and we predict a wonderful sale on them, especially to the florists, when their qualifications become known.

Yours truly,
L. L. May & Co.



MANUFACTURED BY

THE WHITE ENAMEL REFRIGERATOR CO., ST. PAUL, MINN.

STYLE "H"
Built for E. Nagel & Co., Minneapolis.

Built for Lincoln I. Neff, Pittsburg, Pa.

ST. PAUL.

Improvement is the order of the day in florists' circles in the Saintly City. Everybody engaged in the business is making some addition or improvement, some quite extensive, others on a smaller scale, but everybody is doing something, all of which would indicate a prosperous season just passed.

Reference has been made to the following buildings being erected: L. L. May & Co., 7 new houses; Holm & Olson, 4 new houses; A. S. Swanson, 3 new houses; Carl Peterson, 2 new houses.

In addition to these previously mentioned, N. C. Hansen is erecting a new house for carnations, 23x125 in dimensions. The material for this was obtained in Chicago, the best Louisiana cypress. The glass used will be 16x18 and butted, no putty being used. The glass will be kept in place by a wooden cap screwed on. Mr. Hansen has recently purchased three acres of land containing a neat dwelling and barn, situated on Dale street and Maryland avenue. It is his intention to eventually erect a large range. The location for his houses is ideal, the land sloping to the south.

Henry Krinke is also building one or two new houses to accommodate his rapidly expanding trade.

E. F. Lemke is tearing down some houses on his property on Hague avenue and is erecting three new houses, 16x85, 12x85 and 8x85 in dimensions, respectively. These will be planted to carnations and violets. Last year he erected a fine house at this place, 16x160, even span, 14x16 butted glass being used in its construction.

Galvanized Wire FLOWER STAKES

ANY LENGTH OF SIZE DESIRED

MANUFACTURED BY

JOHN A. ROEBLING'S SONS CO.,

Write us **171 LAKE STREET, CHICAGO.** Lowest Prices

N. C. Hansen has a fine crop of sweet peas and is cutting from 5,000 to 10,000 daily. He is growing nineteen varieties and all are doing finely. As the list of varieties may be both profitable and interesting, I will give them here: Captivation, Countess Cadogan, Navy Blue, Firefly, Blushing Beauty, Blanche Burpee, Emily Henderson, Countess Radnor and Extra Early Blanche Ferry, all good and first class. Extra Early Blanche Ferry was in bloom this season June 16 in open ground. Considering the cold and backward spring, this is considered very early. In the second division we place the following: Eliza Eckford, Royal Robe, Peach Blossom, Aurora, Apple Blossom, Coquette, Black Knight, Admiration, Stella Morse and Primrose. Under different circumstances, with different growers, in different soils and localities, results might be different, so I pass this on, without suggestion, as one man's experience with these sorts.

L. L. May & Co. are benching carnations. These have made remarkable growth in the field and are in fine shape for planting.

Carlsen & Lauritzen have their rose houses all replanted and are putting in new benches preparatory to planting carnations. This firm has had good success with roses on their own roots, and claim more blooms than from grafted ones. All new building has been with butted glass, which method of laying they consider far superior to lapping.

At Como Park the cannas are bursting into bloom, furnishing a dazzling array of colors. The lily ponds are a great center of attraction.

Notwithstanding the heat and inactivity in social circles, there is still some trade, and white flowers are very scarce at times. Asters in particular are in very good demand and of excellent quality.

X. Y. Z.

THOS. W. WEATHERED'S SONS

Horticultural Architects and Builders and Manufacturers of Heating and Ventilating Apparatus

The above illustrates our Iron Construction with Iron Gutter, made in lengths up to 25 feet.
From a photograph of the Cressbrook Greenhouses, Fall River, Mass.

For further information address **THOS. W. WEATHERED'S SONS, 36 Marion Street, New York City.**

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OVER Three Thousand Varieties and more than Two-and-a-Half Million Colored Fruit and Flower Plates constantly carried in stock. We have a larger variety and a larger stock of Colored plates than any other concern in the World, made in Lithograph, Litho-Process, Photo-Process, Photograph and Hand-Painted.

N. B.—We carry in stock all forms and blanks necessary to successfully conduct the Nursery business.

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ALL-HEART CYPRESS GREENHOUSE CONSTRUCTION LUMBER

Our material is GUARANTEED to be STRICTLY FIRST-CLASS, ABSOLUTELY FREE OF SAP and defects.

We carry constantly a large and complete stock of OPEN-AIR DRIED lumber. This, with our unexcelled facilities for manufacturing, enables us to make prompt shipments.

On HOT BED SASH, we are LEADERS. Our Sash are strong and well made, tenons are white leaded.

Standard sizes carried in stock.

Our long experience, large and extensive trade, places us in a position to furnish STRICTLY UP-TO-DATE MATERIAL.

If you contemplate building it will pay you to get our plans and estimates.

OUR RECORD FOR 1901—Material furnished for over 1,200,000 Square Feet of Glass.

SELLING AGENTS GARLAND GUTTERS

JOHN C. MONINGER CO., CHICAGO, ILL.
Office, 111 E. Blackhawk St.
Factory, 412-422 Hawthorne Ave.
Lumber Yards, 31-41 Smith Ave.

PORTLAND, ORE.

A stranger traveling from the East and accustomed to living in a thickly settled and highly cultivated country would not, on his first visit, be very favorably impressed with the prospect of some of the Western states. For hundreds of miles you can travel over the deserts of Wyoming, Utah and Idaho and see no signs of life, only a few herds of cattle and occasionally a forlorn-looking jackrabbit. Conditions change, though, on reaching the "Webb-foot State," and a half-day's ride over the Union Pacific takes you through a picturesque country along the banks of the Columbia river (the Hudson of the West), when you reach the beautiful city of Portland.

This city has a population of 100,000 and is almost surrounded with hills and dense forests. The climate is not uncomfortably warm and store trade has been active all summer with plenty of good materials to do business with, excepting roses. Here you see sweet peas, coreopsis, zinnias, asters, and, in fact, all garden flowers grown to any size you want them, and are being used extravagantly in making window decorations.

The firm of Clarke Bros. consists of three enterprising young men who started here ten years ago in a very small way and have built up an extensive business. They own a fine range of 40,000 feet of glass at Mount Taber, a suburban town, where the writer found Frank Clarke wearing the badge of authority, and saw carnation plants three feet high and blooms three inches across.

We learned that during the rainy season and winter months the cut is very light, but the plants make a healthy, vigorous growth, which accounts for the great feast of carnations from April 1 to September 1.

Five years ago this firm opened a store on Morrison street, and Albert Clarke, who manages this branch of the business, justly deserves the praise for his business integrity and for his efforts in advancing floriculture in Portland. The store is beautifully furnished, and is said to be the finest in the Northwest. They also own 35,000 feet of glass in Oakland, Cal., which was built to grow flowers for the Portland store in the winter months. Ralph Clarke has charge of this branch.

Another progressive firm which has established a good business here is Martin & Forbes. They met with reverses at first, but weathered the storms, and during the past five years have built a range of 35,000 feet of glass, which is equipped with all modern improvements. Mr. Martin superintends the growing and all stock shows good care. Mr. Forbes gives all his attention to the downtown store, and says that the business shows a satisfactory increase every year.

L. G. Pfunder is the oldest florist here, and has been doing well financially for twenty years. The grounds surrounding his residence and store are the prettiest in the city. The talented Miss Rose Pfunder looks after her father's interests at the store. H. J. M.

See That Ledge.
Pat. Sept. 18, 1900.
THE JENNINGS IMPROVED IRON GUTTER.
....USE OUR....
Patent Iron Bench Fittings and Roof Supports,
Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.
SEND FOR CIRCULARS. **DILLER, CASKEY & CO.,** Successors to JENNINGS BROS. S. W. Cor. 6th and Burke Sts., PHILADELPHIA, PA.

MONTREAL.—The Montreal Horticultural Society has secured the Windsor Hall for the autumn exhibition to be held Sept. 3rd and 4th next.

SPRINGFIELD, ILL.—The Illinois Park Association has secured the old Robert Pulliam farm in Ball township as a site for its proposed park.

STURGEON BAY, WIS.—P. G. Swan is building an addition to his plant that will require 17,000 feet of glass.

American Brand
FLORISTS' FOIL

PLAIN, EMBOSSED, COLORED.

The Standard Foil of America.

MANUFACTURED BY

THE JOHN J. CROOKE CO.

ESTABLISHED 1850.

186 Grand St., NEW YORK. 149 Fulton St., CHICAGO.

A BUNCH OF AMERICAN BEAUTIES.

WE MAKE CYPRESS GREENHOUSE MATERIAL

for houses where grow AMERICAN BEAUTIES of another kind and other flowers.

OUR MATERIAL IS STRICTLY FIRST CLASS, ABSOLUTELY CLEAR, FREE OF SAP AND AIR-DRIED.... **Famous Louisiana Red Cypress.**

We also make **HOTBED SASH** and keep in stock **TENNESSEE RED CEDAR POSTS, HINGES FOR VENT SASH** and other **GREENHOUSE MATERIAL.**

OUR NEW CATALOGUE will contain New Features in regard to Greenhouse Construction that will interest anyone contemplating building.

FOLEY MANUFACTURING CO.,

Office: 471 West 22nd St. **CHICAGO, ILL.** Factory and Lumber Yard: 474-498 WEST 21st PLACE.

Mention The Review when you write.

PIPING.

Please tell me how to pipe the house described below for hot water. House 20x76, with 10x20 boiler room. Want to use 1 1-4 inch and 2 or 3-inch feed pipes, whichever are best. Walls 2 1-2 feet from plate to ground. Rafters, 12 feet. Boiler is a Capitol Maseot, made by U. S. Heater Co. Temperature in coldest weather to be maintained at 48 degrees. Outside temperature sometimes falls to as low as 15 degrees below zero. Also please state how much, if any, the boiler should be placed below surface of ground. E. C.

In reply to E. C., for the heating of the house in question, twelve lines of 2-inch W. I. pipes should be used, two flows and two returns under each of the side benches and under the center bench, as indicated in accompanying figure. A 3-inch main flow and return should extend from the boiler into the greenhouse, there branching into three 2-inch mains, as shown. The top of the boiler should be not less than 10 inches below the floor of the greenhouse, and more if practicable. HENRY W. GIBBONS.

New York.

GOVERNMENT SEEDS.

Soon the generous government will begin its annual distribution of free seeds, and this year forty million packages will be sent out. The rumor that free flower pots would be sent with them proves to be a canard. Free hoopskirts and other cages are possible, however, but free beer seems a long way off.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

Traveling Representative: U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

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BUILDERS of DURABLE and PRACTICAL GREENHOUSES at a LOW COST.

SUB-WATERING BEDS—(Patent applied for)—for Carnations, Roses, Violets and Lettuce. Give them a trial this year and increase quantity, improve quality and save labor. Next year you will want all your beds made our way. The cost is reasonable.

Our descriptive circular contains valuable information for every florist. Send for it.

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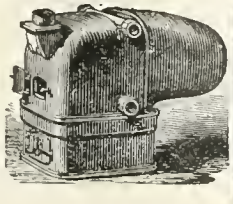

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USE
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Clean and harmless as **Fumigant** or **Spray.** Ask your seedsman for it or write to

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1002 Magnolia Ave., Louisville, Ky.

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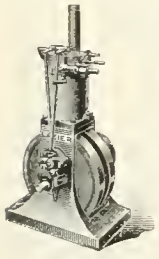
IF YOU REQUIRE POWER for any purpose write for our descriptive catalogue. The cut herewith shows our 3½ straight line Engine complete with fittings and fully guaranteed at **$110.00,** or **$135.00** on time. This machine has every improvement and is very simple. It will pump 500 gallons of water per minute at a height of 25 feet. Highest award Pan-American. We sell hundreds of them monthly with universal satisfaction. We believe in quick sales and small profits.



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BUFFALO, N. Y.

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HEATING
PERFECTLY AND ECONOMICALLY INSTALLED BY
HENRY W. GIBBONS
Heating Engineer and Greenhouse Architect.
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PLANS EXPERT ADVICE — FIVE CENTS FOR CATALOGUES

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Red Standard Pots
Smoothest on the market. Strength and Porosity unexcelled. Write for prices; we will surprise you.
The Ziegler Filter and Pottery Co., Toledo, O.

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Evans' Improved Challenge Ventilating Apparatus, Write for Illustrated Catalogue.
Quaker City Machine Works,
RICHMOND, IND

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High Grade BOILERS
Get our Catalogue. For GREENHOUSES.
STEAM AND HOT WATER.
GIBLIN & CO., Utica, N. Y.

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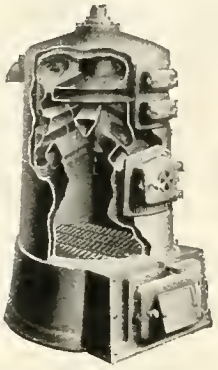

Round "Burnham" Boilers
IN 5 SIZES.
Specially adapted for moderate ranges. We also make Sectional Boilers for large ranges. **Highest economy. Reasonable prices.**

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IRON FRAMED GREENHOUSES.
RED GULF CYPRESS GREENHOUSE MATERIALS.
HOT BED SASH AND FRAMES.
IRON FRAME BENCHES FOR SLATE, TILE OR WOOD TOPS.
GLAZING POINTS AND HARDWARE.
GREENHOUSE CONSTRUCTION SPECIALTIES.
Send for Plans, Specifications and Estimates for work erected complete, or materials ready for erection.

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Geo. M. Garland, Des Plaines, Ill.
Testimonials of our leading growers.
Send for Catalogue.

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wanted to sell Rippley's 4 and 5 Gallon Compressed Air Sprayers, Large Orchard Sprayers, Spraying Solutions and Breeders Supplies. We can keep you busy the year around. Large 1902 catalog and terms free.
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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**
For Particulars Address
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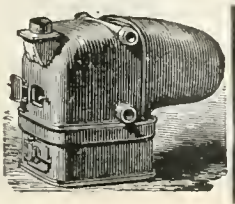
THE STANDARD,
The lightest running, most rapid and powerful Ventilating Machine in the market.

The DUPLEX GUTTERS,
Made of wrought or cast iron, with self-adjusting sash bar clips.
The only DRIP PROOF GUTTERS made.
Send for catalogue—free
E. HIPPARD,
Youngstown, Ohio.



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Order Your Boiler Now

JACK FROST WILL BE HERE BEFORE YOU KNOW IT.

If you will let us know how much space you want to heat we will give you lowest price on

GENUINE KROESCHELL BOILER for your purpose.

PURCELLVILLE, VA., December 5, 1899.
KROESCHELL BROS. CO.: I write to state that the No. 12 Boiler we bought of you last summer is taking care of 30,000 feet of glass with great ease. Last night the temperature outside stood at 20 degrees with the wind blowing a gale, but the night fireman maintained an even temperature with but very little draught, and I believe it will give us all the heat we need in the coldest weather. **The boiler is all and more than you claim for it** and is entirely satisfactory in every respect.
A. B. DAVIS & SON,
W. S. DAVIS, Mgr.

CHICAGO, ILL., April 13, 1900.
KROESCHELL BROS. CO: Your Greenhouse Hot Water Boiler No. 3 is beyond question **the best boiler made.** It is taking care of 2,250 feet of 4 inch pipe with ease and I am going to build this season another house 18x112 which I expect to heat with the same boiler. There are a number of different kinds of boilers made and we have had some of them in use, but **they will not do the work your boiler does.** Should any florists want information as to what your boilers will do, please send them to me.
FRANK J. FINK.

BOWMANVILLE, ILL., April 10, 1900.
KROESCHELL BROS. CO.
The boiler I bought of you is supplying 11,000 feet of 4-inch pipe and would easily supply 12 000 feet. It heats a section of five houses or 35,000 feet of glass, 60 deg. or more if needed, and **I have found the boiler perfectly satisfactory in every respect.**
H. BAUSKE.

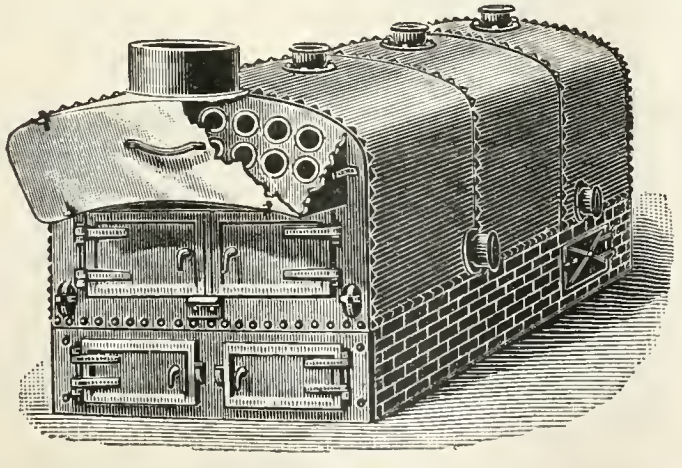
READ WHAT SOME WELL-KNOWN FLORISTS SAY ABOUT THE KROESCHELL BOILER

CHICAGO, ILL., April 13, 1900.
KROESCHELL BROS. CO.
I can say that the two No. 12 Boilers we purchased of you last year **proved very satisfactory** indeed, heating our rose section of 50 000 square ft. easily. What would another boiler cost, only built 2 ft. longer, for delivery this fall? An early reply will oblige.
WEILAND & RISCH.

MILWAUKEE, WIS., April 11, 1900.
KROESCHELL BROS. CO.: We did not get the No. 6 Boiler we ordered of you; you could not make it on account of the strike in your shop. Am very sorry we did not get it, as **yours are the best boilers made.** We have one No. 5, bought almost five years ago, and we heat four houses 12x150 feet with it, or almost 3,200 feet of 4-inch pipe. When we are in need of another boiler we shall buy yours.
AUG. BURMEISTER CO.

CHICAGO, ILL., April 14, 1900.
KROESCHELL BROS. CO.: In reply to your inqury I would say that the last boiler you sold to us is giving the same uniform satisfaction afforded by the other three, **purchased six years ago.** Your boilers seem built for the purpose of causing water to boil, with economy in the use of coal. As our Mr. Louis M. Noe, of Madison, N. J., has this week placed an order for one of your No. 11 Boilers, further comment is unnecessary.
BRANT & NOE.

KROESCHELL BROS. CO.



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Boilers are made of the best of material. Shell, firebox sheets and heads of steel, water space all around (front, sides and back.) Write for information.

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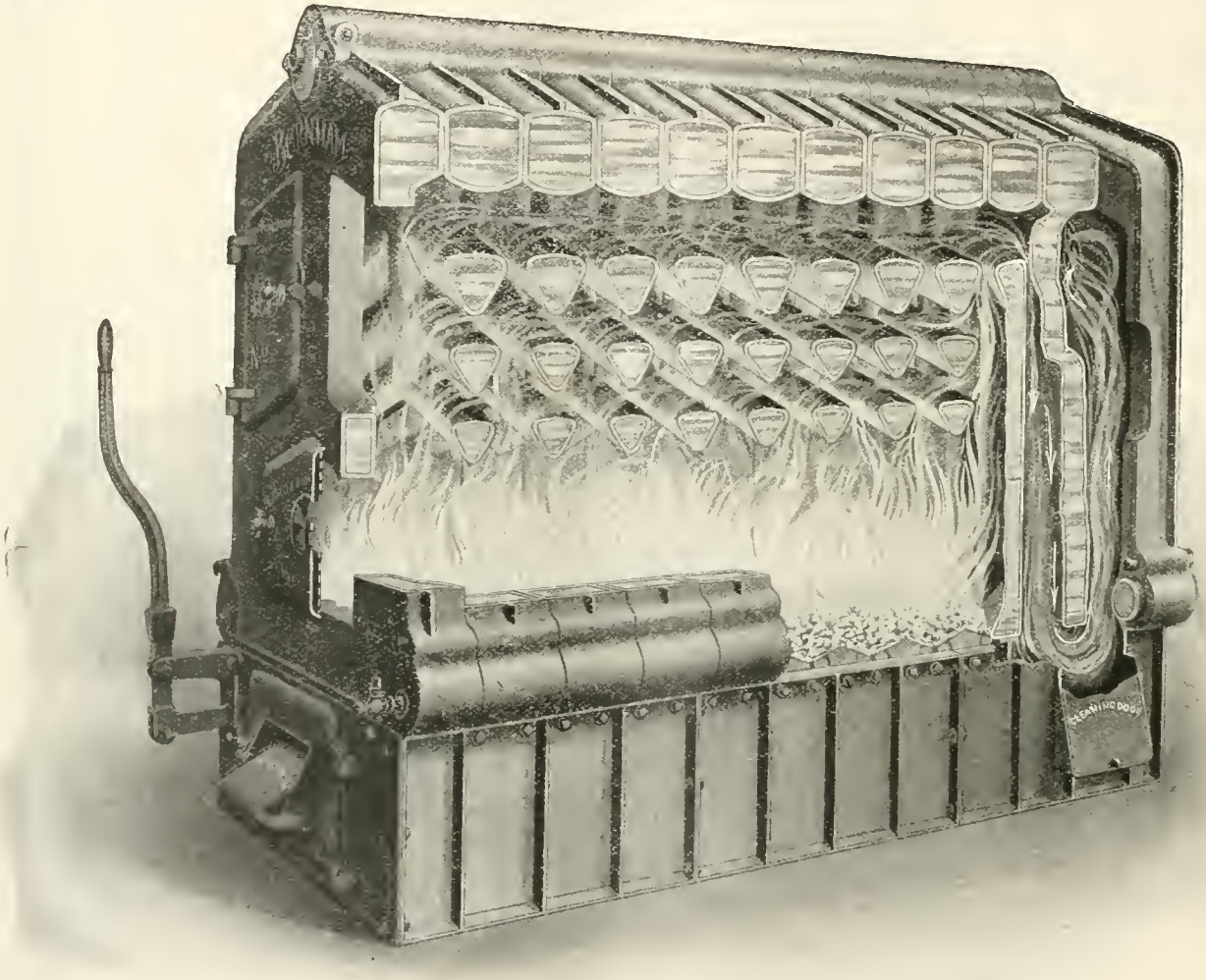
Plans and estimates furnished on application for Heating and Ventilating Apparatus erected complete or for material only. Catalogue of Patent Iron Greenhouse Construction mailed on receipt of five cents postage.



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THE WEEKLY
FLORISTS' REVIEW

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MEMORIES OF THE MOONSHINERS.

There were many florists journeyed southward, some from the far North, one from distant Los Angeles, several from way down East, and what was most gratifying was the good attendance of our brothers from widely separated points in the South. If the convention had not been the business and social success it was, it yet would have been a bright spot in the history of the S. A. F., for it brought from the truly South a meeting of the men engaged in the business that no other occasion could possibly have brought about. Yet we missed many familiar faces from the centers of horticulture, men who have been inseparable from our annual gatherings, and the reasons for their being absent were in too many cases only too reasonable. We missed the eloquence of Robt. Craig, the rotund and contagious geniality of Edwin Lonsdale, the humorous speeches of Warren Ewell, but above all we deplored the absence of the man who was elected last year to preside over us. Though absent from us, who at Asheville did not have him constantly in mind? And the action taken by the convention in electing John Burton again for our president was the most satisfactory, the most pleasant and altogether the most admirable that could possibly have been done. I care not about precedents. It is one that in our history for many years may never occur again, and was the most sincere and true evidence of friendship and appreciation of worth that we could possibly have given him. It was worth a hundred resolutions of sympathy and condolence for his and their bereavement, which sympathy may lighten but time alone can heal. To make amends for the absence of the hitherto faithful ones we still had with us the conservative brain and its product in the shape of E. Gurney Hill, the clear-cut parliamentary oratory of Patrick O'Mara, the argumentative, dogmatic opinions of C. W. Ward, the dignity and wisdom of W. R. Smith, the good sense and business of H. B. Beatty, the lovable, smooth Teutonic-faced Fritz Bahr, of Chicago, and our new baby member, who has entirely missed his calling, Philip J. Foley. But I am not going to give you a list of members present. That you will find in another column.

The lay-over in Washington en route was most enjoyable, and the gathering of the New York, Philadelphia and other Eastern delegates as hosts of the Washington gentlemen was a superbly managed affair and if the thanks for it were publicly given in scant measure, I tender mine now most heartily, as I know all felt like doing. The dawn of Tuesday (after the attractions of the baggage car of Monday night) was fresh and glorious and found us within seventy miles of Asheville. We were really in the land of the moonshiners, the rhododendron and azalea and kalmia and many other trees and shrubs not seen in our Northern woods. The windings and curves of our train, its proposed destination in some opposite cliff or hole in the mountains as we looked across some wild ravine was truly appalling, but we got there sound in mind and limb. Only don't think that you will be sure to get there. Insure your life when you travel on the Southern R. R. Wrecks come thick and fast, and frequently they forget that two trains can not pass each other on the same rails.

Do not be too profuse in offering to pay your friend's trolley car fare from the station to the hotel. It takes $1.25 to pay for five passengers. This advice is for the benefit of Mr. Wm. Dilger, of Detroit. It was too bad that more rooms had not been engaged at the Battery Park Hotel, a fine roomy building grandly crowning the summit of a hill and affording a view of the spread-out city and valley below. Not only those who had trusted to luck, but many who thought they had quarters secured there, had to shoulder their grips and seek another resting place. There was no lack of accommodation; what the hotels did not afford the private houses gave in abundance.

The Auditorium, where the meetings and trade exhibits were held, is a splendid building. We have seldom met in a more commodious and handsome structure, and the trade exhibit, although sometimes the cause of a little more talking and hubbub than was desirable during the business sessions, added greatly to the decorations and made the interior of the hall and the platform most attractive. Now if there was anything surprising, to me at least, it was in the excellence and extent of the trade exhibit. It was equal to many we have had in our good-sized Northern cities. It is not presumable that the exhibitors did this from any philanthropic impulse, but whatever the motive, they, one and all, deserve our thanks. We trust sincerely that it paid them well for the effort. It held up the reputation of the society, and the prospective business could scarcely have been the sole motive in going so far. There were fine assortments of palms and ornamental plants by Henry A. Siebrecht & Sons, Henry A. Dreer, Robt. Craig & Son, P. J. Berckmans Co., J. A. Peterson with his fine healthy Begonia Lorraine and pandanus, Chas. D. Ball and Lemuel Ball with splendidly-grown palms, and several others. Don't think I am making a pretense of giving a list of exhibitors, for that is completely done elsewhere.

Then the supply men made a fine display. Bayersdorfer, as usual, spread himself, as did M. Rice & Co., both of the City of Brotherly Love and business; and the more dainty article of ribbons was well represented by S. S. Pennock and Schloss Bros. The bulb industry was well represented by Vaughan's Seed Store, Cluecas & Boddington Co., Stumpp & Walter Co., Henry F. Michell and H. Siebrecht & Son. Arthur Cowee, of Berlin, N. Y., made a fine display of gladiolus of the Groff hybrids. The collection was in charge of Mr. Cowee's brother and was the cause of the only "jar" that I experienced during the meeting. I thought I was doing my share for the firm when I told some admirers that Mr. Cowee grew twenty-nine acres of gladioli, but the brother present indignantly said it was a libel, they had sixty-five acres. The correctness of this we must leave to future generations. However, considering the flowers were four days on the train, they were fine.

There were greenhouses and boilers and ventilators well represented. Lord & Burnham Co., The Challenge Ventilator Co., J. L. Dillon, Chadborn Mfg. Co., all had working models. Jas. M. Lamb, Fayetteville, N. C., had a real collection of Sarracenia and Dionaea and other insectivorous plants, and perhaps for the first time some of our brother florists made their acquaintance with Venus' fly trap.

In a class rather by itself was the wonderful table of Nephrolepis Piersoni. This magnificent fern could get no higher honor than the society's gold medal, but it deserves the highest. It marks an epoch in ferns. And now it is a pleasant recollection to mention the splendid specimen of nepenthes and other choice and rare plants loaned by ex-President

Eating Watermelon on top of Sunset Mountain, Asheville.

W. R. Smith, of Washington, which greeted you and gave such a pleasant impression as you entered the vestibule of the Auditorium building. Last of this incomplete story (the best should always be left for the last) was the help given by Robt. Bottomley from the houses of Biltmore. Dozens of magnificent kentias adorned the hall and stage, but more notable than all were six or eight specimen kentias that were pronounced by all the largest and at the same time the most perfect specimens they had ever seen. One on each side of the stage was, for artistic effect, worth a carload of ordinary palms.

The attendance at the business meetings was above the average, and compared with larger attendance at larger cities, it was a much better ratio. Oh, for the ability to compose that well-rounded and poetical phraseology of a Mr. Barnard, and better still to commit it to memory! It was beautiful, and so was the reply of our gifted Patrick O'Mara. On cool reflection I think we will all agree that the meetings were as interesting and instructive as we have ever had. To get down to rock bottom truth the meetings must be made interesting, and if even lively and amusing it will appeal to many. Our meetings can be compared to the readers of a newspaper. Some will read only the sporting news, others will read the sensational stories of crime, folly and disaster, and a very few, not five per cent. will read the really important words devoted to the problems of the world and humanity. Few have the capacity to take it all in. So our meetings must cater to all classes, and it is only with a desire to be truthful when I say that the great majority of those attending our conventions go there for what is most laudable and natural—a few days' healthy recreation of mind and body. Learned essays if inaudible to 90 per cent of the audience are no attraction or amusement. Mr. Farquhar's illustrated lecture was a bright feature, as his similar contributions to the society have been. They are educators, and directly you acquire more knowledge of this kind you are a better man. The only criticism I heard of the fine talk and views of Mr. Farquhar was that it was a trifle too long.

Closer relations will come some day. If either of the reports had been accepted it is doubtful if any of the special societies would have availed themselves of the agreement or privileges. In my humble opinion the smaller societies, devoted to a special flower, are doing better and more vigorous work than any committee or section can or will; and while I believe there are few members of these smaller societies that are not also members of the S. A. F., and the best of members at that, these special or smaller societies will enroll members who will eventually be as devoted to our mother society as the most loyal. It was cruel to discharge the hard working committee with a bare vote of thanks. Yet I have not forgotten Cleveland, where, after the executive committee had labored and brought in a report, better, I think, than either of those reported at Asheville, the report was turned down without a word of debate and our labor went in vain.

There was no need of much entertainment at Asheville. We entertained ourselves with keeping off the mosquitos at night and gazing on the eternal hills at every spare moment during daylight. Don't you ever try to fool me any more about the delightful coolness of the mountain tops of North Carolina. To believe that I shall want $500 and a large bag of salt. You are so much nearer old Sol, you know. It can not be called a bowling town, although the alleys that the teams played on were about as good as can be found. Philadelphia had a walk-over. They had a trained and expert team, and when such experts as the venerated W. K. Harris, John Westcott and the youthful Gibson are not good enough for a place on the team you can guess how they were fixed. "Vengeance is mine, saith the Lord," and Milwaukee is still to come.

The shooting has never been equalled for its expertness. There has been more attendance, more conviviality and more fun , but never such remarkable marksmanship. There was a grand absence of a lot of greenhorns wanting to take a shot. A gun and well-loaded shell should never be in the hands of a novice. A misdirected ball at bowling may cause sore shins at the very worst, but careless handling of the shot-gun and a charge through the solar plexus would only give our secretary work to record resolutions of sympathy for the bereaved family.

It's delightful to think that outside of Philadelphia in the whole United States there actually exist three men who can shoot as well as George Anderson. Altick, of Dayton, Ohio; Hammond, of Richmond, Va.; and Brown, of Richmond, Va., are wonders, and shook up things considerably. When men break forty-eight or fifty targets you don't know what they will do next, and if Deacon Harris goes on improving with age, as he has done the past year, he will easily give a handicap to his brother Quakers. The gentlemen of Asheville, who beat the florists' one-half dozen, are gentlemen, and no one begrudges them their honor and emoluments. Major McKissick and his colleagues are gentlemen from the word "pull," and the major tells a story, too.

Brother Deake was all over where he could do the most good, and on Friday morning he concentrated all his efforts to take us to the top of Overlook Mountain. Up, up we went, winding around the side of the mountains. The scenery was grand when we reached the top, but not so grand as we went up; it was too often a rocky wall on our left and eternity on our right. Excuse the interpolation, but of all cities adapted to trolley car accidents Asheville is best equipped. If I wanted to realize quickly on my accident insurance I should reside and ride much in Asheville.

We were photographed in all sorts of positions and conditions. It would take an Austin Shaw to do justice to the distant mountain peaks in the far horizon and the beautiful valley below, and if you closed your eyes, your imagination could bring to you Mt. Peter, The Bowery, the Lake of Killarney, Niagara Falls, the Mosambique Channel, Chicago and the Hellespont.

The crowning piece of enjoyment was the carriage ride to Biltmore, the 150 square miles of mountain and woodland and water and the almost unequalled mansion of George Vanderbilt. The hennery and piggery and dairy departments are all wonders, but we are not in the live stock business, and although admiring the best products that artificial selection has produced in the lower animals, we were all absorbed in the countless trees and shrubs and herbs which border the roads, crown the hills and fill the eye everywhere in this marvelous domain. It is impossible to describe it; you must see for yourself. The view from the mansion is one of surpassing beauty. Time is up; I must close. The genial whole-souled Robt. Bottomley gave us a hint that the basement of the conservatory would be a cool place to assemble and we assembled. The fever was assuaged by a cool decoction and it was

The Pierson Fern at the Asheville Convention Exhibition.

Photo by Ray, Asheville.

Group of Florists at Asheville. Photographed on top of Sunset Mountain.

not from Milwaukee. Mrs. Bottomley took care of the ladies; the men helped themselves, and then Mr. E. G. Hill read the final resolutions, which were affirmed by all. William Scott, from Buffalo, tried to summarize the whole convention and made a learned endeavor so to do. He said in part that there had been larger conventions, many of them in time would be forgotten, but our visit to Asheville would stand out as a sunny memory, never to be forgotten. We had seen the country and made friends with a people that it was very unlikely we could ever have done without the aid and incentive of the S. A. F. and a visit to this wonderful spot. Mr. O'Mara spoke eloquently. Mr. Bottomley responded to well wishes for his health and long life in a most hearty way and hoped for our speedy return, and Mr. Deake brought this most enjoyable afternoon to a close by telling us how gratified he was at our presence in Asheville, and that all had gone well.

A Few Hints.

When a good and faithful wife hires a carriage to bring a husband home from the bowling tournament she should describe him as a tall blonde with pompadour hair, eagle eyes and aquiline nose, then a lot of commonplace Detroit florists would not seize on the carriage and leave the poor husband to walk a mile and a half home. Grant this lesson will do good.

Mrs. Philip Breitmeyer should provide her husband with several night robes, so in case he loses one he need not appropriate the Pullman bed sheet and have detectives following up the S. A. F.

The landlord of the Berkley must give Mr. Ward and me another room next time. We were awakened every morning at 6 a. m. by the daily slaughter of chickens; that staple of the southern clime. Knocked over with a broom, a rotary movement of the neck and soon the heads were in one place and our dinner in another. Man must eat animal food, but division of labor seems little advanced in the South, and I strongly object to a slaughter-house under our window.

Nothing else to grumble about and we shall always retain "sunny memories of a foreign (?) land."

We look forward to Milwaukee with the greatest pleasure and believe it will bring out one of the best conventions in the history of our society.

William Scott.

CARNATIONS.

In the Aug. 14th issue of the Review is an article on syringing carnations, by Mr. A. F. J. Baur, which I read with interest, as the subject is of much importance to me at this time.

I am satisfied that plants should be syringed more often when first planted, but as to the amount after they have been in the houses several weeks I am not so sure. I think I am the only one in this city who syringes after the watering in the morning. My plants are syringed after dinner and have been planted in the house some five or six weeks; in fact the ones inside now have not been in the field, but were kept in the house. They are in good condition and look healthy. I want to know whether by syringing them after dinner there is danger of getting too soft a growth, or is there

danger of rust from it. The plants have not had a great deal of water in the field and I want to know whether it will be wise to syringe them in the same manner when I bring my outside stock in.

Of course our conditions here are somewhat different from the eastern growers, and one must know them to be able to form a really correct opinion, but I think one familiar with carnations would be able to give some points of value.

I would like to have Mr. Baur's opinion. COLORADO.

At this time of the year, while the days are quite hot and the sun so bright, I do not think any serious harm would result from a daily syringing about 2 o'clock in the afternoon. If plenty of ventilation is kept on the houses and the plants get the full sun the growth is not apt to become very soft, and I believe that on extremely hot days it can not help being a benefit to the plants to give them a light spraying overhead and to keep the walks damp during mid-day.

With as fine growing weather as I understand they have in Colorado's neighborhood there ought to be very little danger from oversoftness. It is during the cloudy weather we have during late fall and early winter that we experience the greatest trouble in keeping our carnations from growing soft and too rank.

If Colorado has not housed his carnations from the field yet he ought to lose no time in getting at it. They will need syringing and close watching for a couple of weeks, but as soon as they catch a good hold I would cease the syringing altogether except what they get in the morning in being watered, and I would also cease syringing the others, that were planted some time ago, after about Sept. 1st. During that month the nights are so cool and bracing and the weather in general so favorable to the growth of plants that nothing in the way of encouragement is required outside of plenty of water at the roots, plenty of ventilation and sunshine, with enough syringing to keep down red spider, which may possibly have been brought in from the field.

The Foster Fern at the Asheville Convention Exhibition.

But under no circumstances should the plants be wet over night, especially when the nights are cool.

We make a practice of going over our benches early in the afternoon and watering what dry spots there are and damping the walks at the same time; there are always places, here and there, that dry out quicker than others, and we consider it very harmful for a plant to be very dry over night while it is in a growing condition.

Right now is the time when your carnations should be starting into their strong fall growth and getting well established in their new quarters, and you should offer them every encouragement to make a strong but sturdy and well matured growth. After they have a good hold on the soil there should not be a particle of shade on the glass, and the ventilators should be up as high as you can raise them during the day and as high as you dare keep them over night.

About this time we are bothered most by that destructive little pest the sowbug or wood-louse. They seem to delight in chewing up the grass of the newly planted carnations, and we have seen plants totally ruined by them. Mix a little paris green in some sugar and sprinkle a little here and there on the edge board in the evening, and if you repeat this regularly for a week or two you will be rid of them. Don't lay it around once and expect it to kill them all, but keep at it until you are rid of them. The first time they may get only enough to make them sick, but the second or third time it will do the work.

A. F. J. BAUR.

ROSES.

Seasonable Hints.

Cold, damp, and muggy seasons, like the present, create just the conditions most suited for the germination, and favorable to the growth, of mildew, the spores of which are rarely absent from the soil.

The rose mildew (Uredo rosea) is always a parasite on a living plant, and appears in the form of a minute fungus. This originates for the most part within the tissues of living leaves and develops outward in pustules which burst through the cuticle. The filaments penetrate the pores of the epidermis, rob the plant of its juices and interrupt respiration. Every specimen of this fungus emits annually, myriads of minute spores, these are scattered over the soil and foliage and readily germinate when the conditions are suitable. They have also the power of stooling or spreading by offsets.

Plants which through any cause have their vitality impaired are the most susceptible to its attacks and ravages. Keep the plants growing vigorously and avoid all draughts and sudden changes of temperature, by keeping a close watch on the outside atmospheric conditions, and so regulating the ventilation that no sudden chill can occur in the house, especially during the time of watering and syringing.

Have the roofs of the houses tight, particularly so along the gutter-plate. The foliage should, under no circumstances, be allowed to remain wet over night, as this makes the foliage soft, and is a very fruitful source of mildew. By exercising due care along these lines the leaves will be of a rich green color and have such a firm texture that they will be nearly immune.

As a measure of precaution the sulphur blower should be used once a week by selecting a bright, warm day, when the leaves are dry (as it is only of benefit in a powdered form), and allowing it to remain on the foliage for twenty-four hours the full benefit will be derived.

If, as may happen, after all precautions, mildew does make its appearance, the most effective, safest and easiest applied remedy is still sulphur—two parts of sulphur and one part air-slacked lime, mixed with water to the consistency of paint, and put on the pipes at distances of a yard or so apart, and shutting the house tight for an hour and a half.

By selecting the coldest part of the night for this operation there will be no danger of injuring even the most tender foliage. If steam is the heating power, care must be taken not to paint the hottest pipes, as the sulphur may fuse and the fumes from sulphur in a state of fusion is death to vegetable life. The return pipes will usually give off sufficient fumes to destroy the pest. One application is usually sufficient to effect the purpose, but a repetition after a few days makes sure work. RIBES.

ROSES.

I have a small house in roses in solid soil. Have been planted one year. They are planted about one foot apart. They are growing very rank and the flowers are getting to be very small. I want to help them over another winter. Have every other sash off, so part of soil is wet with rains and the other part dry. The kinds are Liberty, Bride, Maid, Gate and Perle. Had I better take out part of plants or trim them back, or both? I do not need the roses for six weeks or two months. Soil has not been fertilized since roses were planted. Shall I

Exhibit of H. A. Dreer at the Asheville Convention.

enrich the soil now, or wait until after trimming them? H. B. R.

These roses should be dried off by gradually withholding water for three weeks, taking care not to get them so dry that they will wilt or shed their leaves, and the syringe must be kept going to keep down spider. After they are thoroughly ripened trim out all the weak, blind wood and cut back the stronger stems to four eyes; tie them neatly down, binding the stems to nearly right angles, as this will help them to break the eyes nearer the base of the stem. Give the benches a thorough soaking and keep the house rather close for a week, syringe twice a day; after the eyes have started gradually increase the supply of water and give more air. As soon as the young leaves have expanded give the benches a light, rich mulch composed of one part fibry loam and two parts well decomposed cow manure, adding to every bushel of this a six-inch potful of desiccated bone meal. Mix thoroughly and spread on the bench to the depth of an inch. Ribes.

CHRYSANTHEMUMS.

Buds.

Just at this date the question of bud selection is the all-important theme of the mum grower, and though volumes have been written on this subject, there seem to be many growers somewhat at sea as to the proper bud to "take" to get the best results.

Chrysanthemums as generally grown—that is to say, young stock planted out from June 1st to 15th or thereabout—will produce three buds. An early crown (also often called a summer bud), about the end of July; a second crown about the end of August, and a terminal in September or later. There are of course exceptions to this general rule, such as V.-Morel and its sports, Chenon De Leche, and others which are producing buds all the time; but the most of the varieties will follow the lines indicated.

The early crown bud may be considered as useless, so far as producing a flower is concerned. It seems to be nature's method of checking the growth to enable it to catch up with itself, as it will be noticed that the plant thickens in stem and improves in foliage before the new shoots move up again. The second crown bud, appearing by the end of August or first few days in September, will, if taken, come out all right and produce a good flower on most varieties. This is the bud mostly used by the grower of exhibition flowers who desires to get his flowers as large as possible. Some varieties produce a better colored, neater flower on the later bud, such as the greater part of the pink varieties, which come pale and unsatisfactory on this bud, and also Colonel Appleton, Gold Mine, Mrs. Trainor L. Park and Chadwick, all of which we find do best on a bud taken well into September.

Those growers who complain of Appleton having a long, weak neck, coming deficient in petalage in the center of the flower, bad-shaped, etc., can put it down as their own fault in taking the bud too early. I mention Appleton more particularly, because it would seem that there are as many plants of Appleton and Eaton grown this year as of almost all the other varieties put together. Eaton comes all right on any bud taken after the 20th of August, though the flowers produced from earlier buds show more of the hollow center than flowers produced from later crowns or terminal buds.

The terminal bud is the last one produced, being, as its name implies, the terminus of growth. If previous buds have been removed this one must be taken, since no others will appear, the growth of the plant being completed. There are more terminal buds used in growing flowers for market than any other, the reason being that it is a safe bud in the hands of the veriest novice, while crown buds require more or less of experience to manipulate. The terminal bud always carries the foliage up close to the flower and will develop in a very low temperature, the chief objection to its use being that the flower is much smaller and lacking in depth and solidity, although invariably the pink varieties come cleaner and deeper in color. The variety Nellie Pockett is utterly useless on terminal buds, while the crowns produce beautiful, large, artistic flowers.

Plants grown for market are generally planted closely together, and in such cases, where the growth is drawn up it is not advisable to use the crown bud, because oftentimes it will run up with a long, weak neck, which is unable to support the flower erect, and a long naked stem is by no means inviting. There seems to be a very general idea that by taking crown buds, or planting out early, one is certain to get early flowers. This does not follow by any means. You are not likely to get flowers any earlier from stock planted in May than from plants put out in June or July, though you are certain, if you have sufficient head room, of getting much larger flowers from the earlier stock. Neither does it follow that by taking crown buds you will get earlier flowers. A crown bud takes much longer to develop than a terminal, and with the exception of a few early varieties the two buds will develop almost together.

A crown bud takes from eight to ten weeks to develop, and while the late bud has had to make an additional growth, thus taking much of its nourishment, the crown bud has been developing petals in the meantime, and consequently produces a much larger flower. It is perhaps unnecessary to remind the grower that disbudding is best performed in the morning, when the shoots are brittle and easily removed. Use the thumb nail and work from the bud downward; then if you happen to injure the bud you have a shoot beneath to fall back on. Disbudding is a simple operation, but don't forget that it should be attended to as soon as possible. Brian Boru.

CHRYSANTHEMUMS.

We have a house of yellow Bonnaffon and Jerome Jones chrysanthemums that seem to have a sort of rust on the leaves. I send you enclosed a sample of how it affects the Bonnaffon leaves. The healthy plants seem to be troubled with it more than the others. Kindly let me know through your paper if there is any way of getting rid of this rust, and what is the cause of it. H. F.

I regret that the leaves reached me in such a shriveled condition that a microscope fails to reveal whether H. F. is troubled by the genuine rust or not. It is, however, most likely that he is, since he calls it "a sort of rust."

The rust is easily identified, it being

similar to the carnation rust in appearance, and appears on the foliage in the shape of small brown spots which are slightly raised above the surrounding surface. The spots or pustules are filled with a brown powder which consists of myriads of spores, and which, when scattered by syringing or the wind, fall on other leaves, and thus spread the disease. Where the leaf is wet, the spores pierce the skin immediately, and a new crop of spores will be produced in a week.

There was considerable talk a year or two ago about this rust, but it has never gained much headway, though I understand it is still virulent in England.

If H. F. will syringe his plants with a solution of potassium sulphide used in the proportion of one ounce in two gallons of water, he will keep the rust from spreading, and next year, if he propagates only from plants that were not diseased, he will have no further trouble.

In the spring, if young stock is sprayed with the potassium solution, it will kill off any spores that may have wintered over. We had rust some years ago and by following this treatment got completely rid of it.

As to what the rust comes from it is a little hard to say. It is claimed that the disease is common on many wild composite plants, and it may have been carried over in that way, appearing on the chrysanthemums when conditions were favorable for its development, or your correspondent may have brought in some young plants that were diseased.

One thing is certain—wet weather is the favorable time for the rapid increase of the disease, for I have seen it spread all through a batch of plants growing outside in a single week when we have had continuous rains.

Syringe your plants as little as possible and run them a little on the dry side at the roots, and particularly so when the weather is wet and sunless.

This treatment, with the use of the potassium properly applied—that is, spray both sides of the leaves—will keep the rust from spreading, and another year H. F. can rid himself completely of the trouble. Brian Boru.

VIOLET NOTES.

Writing notes for the Review sometimes elicits notes from growers that are both pathetic and humorous. I am tempted to say a little that is not exactly "cultural directions" which is brought out by the following, quoted from the letter of a Southern grower, received a few days ago: "Violets around here are generally looking badly, and of recent years we have gotten poor prices, owing, I think, to each grower selling for himself. I hear that you people in the North get good prices, scarcely ever less than $1 per 100. Ours get as low sometimes as 10 cents per 100, and scarcely ever as high as $1. Won't you tell me how you keep up prices; isn't it by unity of action on the part of growers? Washington is mostly our market, and our produce is pronounced particularly fine. I have tried shipping to New York. I sent to one florist there and he wrote me that he could not get anything for violets, and as I knew it was horse show week, I thought it strange. My brother was exhibiting some horses there, and went around to the same florist and he was retailing my flowers at $6 per 100, and I did not get a cent for about 3000 sent him. This has been my experience (in other houses there) or the equivalent."

Now, this party has my sympathy, and I am sorry that he has had such hard luck; still I would not believe that all florists and commission men in New York are like this man; in fact, I know they are not all this kind. But the point I wanted to make is this, that the grower must not lay everything at the city man's door. We growers expect almost everything of him, but I think there are some things that we should consider if we wish him to make us good returns, and the first is that we should find a man that we are sure is reliable and then make arrangements with him before the season commences for whatever we have to send to him, so that he will know about what to depend on, as in this way he should be able to get us better prices than when we send a large shipment one day and then hold off an indefinite time for the next. Of course, there are times when a grower has to make some special shipments, but if he has ordinary weather and understands his business, and how it usually runs, he ought to avoid these as a general thing, although it cannot always be done. Then the commission man ought to do better in prices by the regular shipper than the occasional shipper, selling the former's stock first if there is more than enough to go around, unless it is not up to standard. He must of necessity sell the best in order to hold his customers, if there is much difference in quality.

Like all growers, I have had my experiences at different times. One that comes to mind at present is a case of claims for violets that the consignee claimed were frozen. Now, I am as certain to-day that they were not frozen as I am that I am writing this, one good reason being that I had another shipment, packed by the same man, sent on same train, delivered by same wagon, to a party further down town than this, and it was all right. Now, it does not stand to reason, all these conditions being the same, that the box which was delivered first should be frozen and not the other. I always thought, though I could not prove it, that one of the boys in the store wanted those violets himself, and so said they were frozen, as I know that he unpacked them.

Again for the commission man, I think that when you have looked about and found a good commission man it is much better for both parties if you stick to him; you get to know what to expect of each other, and it should be to your mutual advantage. R. E. Shuphelt.

Part of the Exhibit of M. Rice & Co. at the Asheville Convention.

CANADIAN HORTICULTURAL CONVENTION.

The first session will be held in the Hamilton city hall at 2:30 p. m., Wednesday, Sept. 3rd, when Mayor Hendrie will welcome the association and give it the freedom of the city, and after the response President Joseph Bennett, of Montreal, will give his address. Mr. Bennett is well known as one of Canada's most forward men in the florist business, a versatile speaker and a practical man in every sense of the word. His address may be looked forward to as a masterpiece of eloquence and practical value.

The association headquarters will be at the Waldorf hotel. Members of the local committee will meet all trains and supply delegates with badges, and any information wanted. Delegates arriving before noon should go direct to the Exhibition hall, corner Park and Robinson streets.

The trade exhibit will be one grand feature of the convention. Already over four thousand square feet has been applied for, and it will afford delegates an opportunity of comparing stock; and to those building, or contemplating doing so, the exhibit of heating and building material will be of much interest, as will the display of florists' supplies, flowerpots, wire designs, and various other accessories, be to the general florists.

The city of Hamilton has its own peculiar beauty, situated as it is at the foot of the mountain, and almost surrounded by the Burlington bay. Its shaded streets are cool and refreshing; its parks are natural and of a large area. From the mountain top, where the Insane asylum is situated, the scene is one of picturesque beauty. The landscape from that eminence is one not soon forgotten.

Exhibit of the P. J. Berckmans Co. at the Asheville Convention.

In the valley to the west can be seen the town of Dundas, while across the bay is the town of Burlington, and across Lake Ontario in the distance, dimly seen, is the city of Toronto, while on the east, between Lake Ontaria and the mountain, lies the Niagara fruit district. But its scenery aloue is not all that Hamilton is noted for. As a manufacturing city it has a wide reputation, and some of Canada's chief industries are centered there.

Hamilton has a live Gardeners' and Florists' club, and on its roll are found over 90 per cent of those connected with gardening and floriculture in this vicinity. Its Horticultural society, too, is one that is alive to the necessities of the day, as shown by the flower fete given in honor of the C. H. A. meeting.

The entertainment committee has a well planned programme, and is desirous that every delegate should partake of its hospitality.

The association invites everyone in any way connected with the horticultural industry to its meeting. Its objects are to lift up and carry forward all that tends to advance the interests of horticulture. The roll will be open for membership at the meeting, or names may be sent to the secretary pro tem., Wm. Gammage, London, Ont.

Hamilton Hotels.

	Per day.
Hotel Royal	$2.50
Waldorf Hotel, single	2.00
Waldorf Hotel, double	1.50
Hotel Osborne	1.00
Commercial Hotel	1.00
American Hotel	1.00
Dominion Hotel	1.00
Franklin House	1.00

All are on the American plan. All are within eight minutes' walk from the city hall, and all may be reached by the cars. LOND.

SECANE, DEL. CO., PA.—Richard C. Smith will build a new house, 25x125, and two extensions, 50x11. Mr. Smith's address is as above and not Holmesburg.

PRIMULA POISONING.

In response to your request for information as to a remedy for poisoning by Prumula obconica, would say I have been poisoned several times. I used Luytie's Pinus ointment as a local application and sulphur and cream of tartar to purify the blood. I used one-third cream of tartar and two-thirds sulphur, mixed well. Dose, one teaspoonful every morning in milk. Also take good nourishment. I have never known it to fail.

MRS. M. T. WILLIAMSON.

Rochester, N. Y.

I have been badly poisoned by poison ivy several times, and one time it spread all over my body. I have been slightly poisoned by Primula obconica on the hands twice, but it left after a couple of days of irritation or itching. I learned when too late to try it, after my last experience with poison ivy, that the juice of Impatiens fulva (the common jewel weed) rubbed on the affected surface is a complete antidote. Perhaps it would be efficacious as a remedy for the primula poisoning. Another remedy for ivy poisoning that is effective with some is dissolved sugar of lead applied to the surface frequently. My family physician advised me to apply witchhazel, but it is worse than nothing, for like water it merely spreads the poison. Liquid ammonia will neutralize bee sting the quickest of anything I know of. Kerosene is the next quickest. Hope the patient will find something to relieve him, for I sympathize with him.

E. SEXTON.

Delmar, N. Y.

AMONG CHICAGO GROWERS.

Bassett & Washburn.

The carnations are now all housed at this establishment and the plants are in better condition than seemed likely in view of the unfavorable season for field growth. They have housed 76,000 plants in all, divided about as follows: 14,000 Lawson, 11,000 White Cloud, 9,000 Crane, 5,000 each of Prosperity, America and Flora Hill, 4,000 each of Norway and Marquis, 7,000 Morning Glory, 3,000 Bradt and Red Bradt, 2,000 each of Gold Nugget and Maceo, 1,000 each of Lorna (they intended to have more Lorna), Gaiety, Floriana, Cressbrook, Gov. Wolcott, Roosevelt and Joost.

Of roses they are this season benching 40,000 Beauties, 26,000 Bridesmaids, 23,000 Brides, 20,000 Liberty and 2,000 each of Meteor and Perle. The Brides, Maids and Liberty are all grafted plants. They are replanting quite a number of the old plants this year, and believe that the grafted plants give much better results when replanted than do own root plants when carried over. About 8,000 each of their Brides and Maids and 4,000 of their Liberty are replanted grafted plants. In replanting they merely lift the old plants, set to one side in the house, put in new soil and prune and replant the old plants in their former position.

They have one large house, 58x600 devoted to roses for summer bloom that has produced large crops all summer. The varieties are divided as follows: 8,000 Kaiserin, 4,000 Carnot, 3,000 Golden Gate, 2,000 Marquise Litta. They find Carnot a very popular summer rose and a good bloomer for summer work.

CLEVELAND.

The florist business is at a standstill as far as moving any stock is concerned; only now and then a funeral order to break the monotony. Most of the craft here at the present time are bent on getting in their carnations, which, for the most part, are about as good as usual, although some of the growers are complaining about their plants being very small. Asters are beginning to get a little scarce now, especially white ones. There is quite a demand for out-door lilies. Carnations are very small now, and roses also are a back number, as far as size and quality are concerned.

Mr. E. A. Fetters, of Smith & Fetters, is improving, and expects to be able to attend to business again the first of next April.

A Visit to Some Nearby Towns.

I paid a visit to John Merkel & Son's place, at Mentor, and found them busy getting in soil for their carnations. They have three benches planted in a new house they are building, on which they have not yet begun to put the rafters. The side and end walls are up, but they have decided not to put the glass on until later, preferring to give the plants a chance to get a good start in the open air first. They will carry over their two houses of roses, and have them dried off for that purpose. They have taken out about three inches of the old soil from the top, and are preparing to put on fresh soil.

Their violets are planted inside, and are looking very fine indeed. Their chrysanthemums are also in the pink of condition. They have a nice lot of rubbers about ready to take off, besides a lot that has been planted into pots. They use rather larger cuttings than most growers do, I think, using some as long as four feet. They have quite a novel way of starting these large cuttings, cracking a 4-inch pot down the center and fastening this to the branch where the cutting is to be made, and then filling the pot full of moss, so when the cutting is thoroughly rooted the ball of moss

inside the pot is full of roots. Some of the largest cuttings had as many as six branches on them. This firm has made an addition to its asparagus house, besides the carnation house, of which I have spoken.

I also called at Carl Hagenberger's place, and found this gentleman away, as usual. It always seems to be my luck to call when Carl is away. This time he was at Perry arranging a wedding decoration. I found the place in its usual order. The men were busy staking mums and shifting "celestial peppers" from 2 to 3-inch pots for Christmas sales. He has five beds made on the ground and planted with carnations, expecting, some time in the future, to build some houses over them. He has none of the material on the ground as yet, but expects to use most of the glass from the Simmons place, at Geneva, which he bought when same was dismantled. Carl intends to build seven houses this fall.

The tearing down and removing of the Simmons greenhouses, at Geneva, marks the passing of one of the oldest establishments in this section of the country. This firm originated one of our best carnations, namely, Daybreak, and were pioneers in introducing new geraniums. Only a few years ago if Simmons advertised a new geranium as extra good, their word went, and everybody had to have it. To most of the craft around Cleveland it is a sad ending to what at one time gave promise of being a large and flourishing establishment.

I also stopped to see H. R. Carlton, at Willoughby. Here I found the proprietor at work with a shovel in his violet house, throwing out the old soil preparatory to making a new bed. I found all his carnations planted inside and looking very good indeed. He also has one house of roses that gives great promise for young plants.

At Bate Bros.' the boys are hustling in their carnations as fast as possible. The plants are of an average size, and are looking very healthy indeed. This firm has built a large new house for roses this year, and has 7,500 roses planted in it, which are looking very fine. It also has two houses of adiantum that are looking very promising. They have been cutting Brides and Maids from their old houses all summer, but will tear them out now very soon and plant carnations. Besides running their greenhouses, they also conduct a commission business on Euclid avenue near Erie street, where you will always find genial George, who is always ready to let you have anything in the florist line he has, and who is always ready to send out for anything he hasn't got.

A. Schmitt, of Glenville, who suffered a fall from one of his greenhouses, is not improving very rapidly. He struck on his left shoulder and it seems to affect his heart. He is also troubled some with rheumatism. Mrs. Schmitt is visiting at Peoria, Ill. TENEP.

Exhibit of Chas. D. Ball at the Asheville Convention.

PHILADELPHIA.

The Market.

Long-stemmed Beauties can now be had at from $2.00 to $3.00 per dozen. They are in demand and many more could be used. Fifty cents to $1.50 a dozen buys the shorter grades. In spite of the number of Kaiserins in market they sell well at from $3.00 to $6.00 per 100. John Burton is sending in Meteors and Golden Gates to Leo Niessen that are good for the season. Valley is not too plentiful at from $2.00 to $4.00. Asters, as a rule, do not grade high; $1.00 per 100 is about the price for the best. Fortunately carnations are becoming more plentiful, field grown Scotts and Hills at about half the price of asters being mainstays.

Convention Notes.

Philadelphians are very much gratified over the re-election of President Burton and by the graceful action of J. C. Vaughan in making his nomination. A party of twelve, including many Philadelphians, climbed Mt. Mitchell, 7,000 feet above the sea, last Saturday. They followed a zigzag bridle path for twelve miles, some on mules and some on foot, passing the night on top of the mountain with no shelter. One of the party describes the vegetation as more luxuriant than anything he had ever seen in a greenhouse. He considered this trip the crowning feature of a delightful week.

Pennock Bros. have good reason to be proud of their pair of bowlers—champion of 1901, W. R. Gibson; champion of 1902, B. Starkey. The sweep made by our bowlers is very gratifying. The Detroit cup now ornaments the trophy case. The other two cups are expected from New York shortly.

The Flower Market Co.

Two hundred and forty of the three hundred shares of stock necessary to start the proposed Flower Market Company have been taken. The interest shown by the growers warrants the belief that the meeting on Thursday night will see the new enterprise fairly launched.

Notes.

Richard Lange has given up his place in the city, which has been torn down and removed to Norristown, where he will start in business at 3601 Germantown avenue.

Fred Ehret returned from Europe last week after a great trip. He was warmly greeted on his arrival at his old home, the militia calling on him at once. His naturalization papers cleared up their doubts after an hour and a half restraint and he was once more a free man. He reports the outdoor flowers in Germany and France as equal to our greenhouse products, but that in England the cut bloom is far inferior. He did not find any retail stores on the Continent to compare with those in this country. Mrs. Ehret managed her husband's wholesale business very successfully during his absence. PHIL.

BOSTON.

The Market.

I believe trade is picking up a bit. Unfortunately I generally am obliged to get two or three backers to my statements to make them pass, and the idea of better business may arise entirely from a slight decrease in the general cut. But there is no marked decrease in the cut except perhaps in the matter of sweet peas, and, now and then, a bit of stringency in the carnation department, but no great panic has resulted in either case.

Later.—Larger, better asters are freely circulating. A large part of the carnations now are outdoor grown and a bit short in the stem. Roses are plentiful enough, with a bit of scarcity on white ones at the end of the week, and no one knows how the situation may develop.

Death of W. A. Bock.

This well-known plant grower died at his residence in North Cambridge the first of the week, of heart and kidney troubles. He had been established there about twenty-five years, being fifty-eight years of age. He began declining in health about two years ago.

Leuthy's Place.

This is a good place to visit, especially if in need of palms, ferns or other decorative plants. A good way to reach the place is to be elevated in the subway to Forest Hills, change to the Readville line, Canter-bury gracefully off when you get to a street of that name and keep an eye turned to the left for 25,000 feet of glass in several low-lying houses surrounded by a wealth of outdoor growth. If the houses are low they are also long, and are full of well-grown stock. Naturally you might wish to meet the proprietor, who is now "doing" Switzerland, but you will find his foreman, Mr. Henry Lenaerts, a gentleman all

Some Exhibits on the Stage at the Asheville Convention.

over, and he will courteously show you a fine growth of plants that will surprise you, and probably make your pocket-book sweat too. The concern is working up a mighty good reputation, and it is no wonder.

Thomas Capers, at Wellesley Hills, displays as fine a skeleton of a brand-new 250-foot house as one need see, with small L and fine, large boiler house adjoining. The house is planted but not glazed. His glass and his boiler are loafing aronnd in the shade of the bushes. According to his list of help there will be Wilde Capers around his place this winter. J. S. MANTER.

MILWAUKEE.

Last Tuesday night the Milwaukee Florists' Club tendered a reception and banquet to C. C. Pollworth, who has returned from Asheville since capturing the next convention of the S. A. F. Prior to this event the club held its annual meeting and elected officers as follows: C. C. Pollworth, Pres.; John Dunlop, Vice-Pres.; H. V. Hunkel, Secy.; Will Currie, Treas. Mr. Pollworth read a report of the work done in securing the next convention and of the general work of the Asheville convention.

At the banquet, which had been arranged as a surprise to Mr. Pollworth, Will Currie acted as toastmaster, and speeches were made by Mr. Pollworth, C. B. Whitnall, Wm. Edlefsen and Paul Foley. Among the guests were: John Arnold, B. Gregory, E. Haasch, F. Homes, C. Johannes, Fred Kaiser, P. Kapsalis, Fred Menger, H. Pohl, R. Preuss, F. Schmeling, H. Schwebke, A. Klokner, Edw. Stewart, N. Zweifel, A. B. Loofbourrow, H. Staeps, W. G. Schucht, Walter Halliday, J. E. Pollworth, and Walter Kreitling, the latter of Chicago.

Mr. Pollworth was congratulated on all sides by those present, and when he rose to speak his first expression was that the enthusiasm shown regarding the next convention was an assurance that it would be the greatest in the history of the national organization. He was called upon again and again, and it was a late hour before the party adjourned. It was a most happy and encouraging inauguration of the work of preparing for the convention of 1903. Milwaukee has decided that the convention of next year shall break all records both in point of attendance and value, and will spare no effort to this end.

ST. LOUIS.

The Market.

Florists about town are not overly pleased with the business of the past week. The reports come from all over that nothing was doing but an occasional funeral design.

During the dull days the store men are making alterations and renovating their stores with fresh paint. The cool weather of late has improved the quality of stock very much, which is quite plentiful, but the demand very light. There is hardly any shortage in anything except first-class American Beauties, for which there is always a demand. Other roses are very plentiful in Kaiserins, Brides, Meteors, Maids, Liberties and Gates. The best bring $4, and from that they run down to $1. Perles are not overplentiful. Carnations are coming in more plentifully, but quality not good; stems very short, especially so in white; 75 cents and $1 is all they bring.

Asters are a glut and plenty of the colored ones are dumped. They bring from 50 cents to $1; much cheaper in 1000 lots. Gladioli are hard to sell at any price. Hydrangeas and tuberoses sell fairly well. Good smilax is in the market at 15 cents a string.

Convention Notes.

The Review, as usual, brought the first news of the convention to the city, which was read with great interest. The telephones kept ringing all day, congratulating the S. A. F. in selecting a western city in which to hold its next convention. Milwaukee was entitled to it, and got it, thanks to the great work of Brother Pollworth, the vice-president elect. Of course Philadelphia had a walk-over, which was expected. St. Louis was out, but we will be on hand next year and Capt. Moss will have to have a stronger team to be in the hunt. We were much surprised at the poor showing of Capt. Lang's team by letting that scrub team from Chicago beat it.

Notes.

Charlie Ford, representing A. Herrman, of New York, was the first of the drummers to call on the trade after the convention.

Henry Berning and wife returned last week from their trip to California. Henry reports a pleasant trip.

George M. Kellogg passed through the city on his way from the convention.

Mrs. M. M. Ayers returned on Friday from her trip to New York just in time to help make up a large amount of funeral work.

Wm. Adels, who spent a week in Chicago, has returned home and reports a good time with the craft.

C. C. Sanders, the first of the St. Louis delegation to return home, reports that they had a great time and that Asheville is all that is claimed for it. He saw stars every time he fell while bowling, but no angels' feet to tickle.

Eddie Gerlach has returned to his post at Kuehn's after ten days' vacation, as happy as ever.

The Gardeners', Farmers' and Fruit Growers' Association held a meeting last Friday night. Ninety-seven applications for membership were received. A resolution was adopted providing for a bill to be introduced in the municipal assembly for the establishment of a central market for gardeners and fruit growers. A picnic will be held at Roth's Grove on the Olive street road September 7. The next meeting of the association will be held on Saturday, October 4, at 8 o'clock.

A meeting of apple growers was held last Tuesday at the Southern hotel. Delegates from Illinois, Iowa, Missouri, Arkansas, Kansas, Nebraska, West Virginia, Alabama and New Mexico were present. The object of the meeting was to arrange a preliminary organization and to formulate a call for a congress of American apple growers to be held in St. Louis, November 18 and 19 next. Henry C. Cupp, of Fall River, Ill., is president; George T. Tippin, of Springfield, Mo., is vice-president, and F. C. Wilson, of Hannibal, Mo., is secretary. All apple growers are eligible.

Club Meeting.

The next meeting of the Florists' Club will be held Thursday afternoon Sep-

tember 11th, at 3 o'clock, at the regular meeting hall in Odd Fellows building. The meeting will be very interesting. The installation of officers will take place. The trustees have arranged with Brother Barnes of the Missouri Botanical Garden to show the lantern slides of the gardens. President Meinhardt hopes for a large attendance. Ex-Presidents Fillmore, Ammann and Halstedt will install the new officers. J. J. B.

CINCINNATI.

The Market.

The convention is over and all the boys who went from here have returned and are busily engaged getting things in shape for fall trade. All report an elegant time and say they were well paid for the trip. Despite the fact that it was rather hot, things moved along so nicely that every minute of the time was greatly enjoyed, and all vote the convention at Asheville to have been a great success.

Cincinnati did not get the convention for 1903, and there is some disappointment felt; but the timely action of Mr. E. G. Gillett in withdrawing Cincinnati from the competition has made hosts of friends for our city, and when Cincinnati again asks for the honor of having the S. A. F. O. H. to meet in our city, the chances are that the invitation will be warmly accepted, and rightly so.

Business is about as dull as it ever gets. There is but a very feeble demand, and it is just as well that it is so, as the stock that is coming in is scarcely the kind that would sell at any time. Of good stock there is scarcely any, and, what little there is, is readily sold and at very good prices. The majority of the present supply consists of short-stem roses, any quantity of them; also asters of a poor grade, a few carnations, mostly cut from the field, and a lot of mixed stock, such as balsams, candytuft, dahlias, gladioli, etc.

There are a few good roses, but the supply is limited; 2 to 4 cents is the price, and short-stemmed ones at $1.00 per 100. Some Liberties are beginning to arrive, and they show signs of rapidly growing into good stock. At present they are somewhat single and do not hold well. Some Beauties meet a good demand and bring $1.00 to $2.00 per dozen; shorts, 50 and 75 cents. Brides are very scarce, and good ones are almost impossible to be obtained. Maids are more plentiful and some are very fair in quality.

Carnations are beginning to come in increased numbers, and the quality is much improved. As indoor carnations are now about ready to be cut, each week will see a vast improvement in quality, and the price will advance in proportion. Carnations have been scarce right along, the demand being far ahead of the supply. Whatever place in the floral world you place the carnation, whether first or second, it is still a fact that if you do not have a supply of carnations to sell, your business will be poor, even if you have an ice-box full of roses. The carnation is a seller itself, and it helps sell other stock. In this respect it has no superior among flowers. Prices quoted are 50 cents to $1.50 per 100.

Gladoli bring 2 to 3 cents. Dahlias, 1 to 2 cents. Asters, 50 cents to $2.00. Very few good asters are now being cut about this city. Those that do come in are of a poor grade and sell slowly.

Exhibit of S. S. Pennock at the Asheville Convention.

Notes.

Charlie Jones of the Walnut Hills Floral Bazaar and Jones the Florist, Fourth street, has just returned with his family from a visit at Columbus, Ind.

Fred Gear and wife are having a two weeks' outing at Atlantic City.

The Montgomery county fair at Carthage was held during the past week, and Mr. J. T. Conger of Hartwell took everything in sight in the way of premiums for plants and flowers.

Mr. B. Rosens of Brooklyn was a caller. C. J. Ohmer.

CHICAGO.

The Carnation Outlook.

This is a busy time for carnation growers, even more so than is usual at this time of year. Planting in is comparatively an easy matter if you have an ample stock of your own to select from, but when you are short of stock and find it difficult to procure the most desirable varieties such as you want to plant, then the problem becomes embarrassing. From a superficial point of view it would appear that the early prediction of a decided shortage of stock made early in the season, and based on the prevalence of excessive rain, was more or less erroneous. As a matter of fact a number of local growers are offering a surplus for sale. But on investigation you will find that very few of the most desirable sorts are to be had and the few thousands offered are being held at prettty steep prices. The stock for sale is largely of the older varieties which might do in a pinch, but except in case of great scarcity would hardly be considered by the up-to-date grower. Still, aside from choice of varieties, there appears to be stock enough to plant most of the houses intended for carnations.

It remains to be seen to what extent the much dreaded stemrot will lessen the stand after planting in. In a number of establishments this disease has already made its appearance, and if, as a number of growers are afraid, it will prove worse this season than formerly it will be a far more serious matter than the drowning out of stock in the field. On the whole it would appear that the output of carnations the coming year will be fully up to that of the past season, but owing to the scarcity of the choicer varieties the general quality may not show that improvement over the past season that undoubtedly would have prevailed under more favorable conditions.

The Market.

Roses keep gaining very steadily. In Beauties the cut is increasing daily and prices this week have sagged considerably. Teas are coming in in largely increased quantities and meet with a very indifferent demand. A few choice grades may reach top quotations but the bulk of the stock is jobbed off at very low figures. In outdoor stock the glut of asters, gladioli, hydrangeas, etc., continues. In asters this market has never seen the like in its history. The stock shipped in daily is enormous. In quality the average is of a higher grade than was ever noted before, but even the choicest blooms often go begging. The same might be said of gladioli, hydrangeas, Rudbeckia Golden Glow—quantities of fine stock and few buyers.

Various Items.

The latest reports regarding the condition of Edgar Sanders are very encouraging. He is making such continued progress toward recovery that the physician in attendance is now calling only every other day. It is believed that only continued rest and quiet are necessary to give him strength to leave his bed.

Walter Mott, Jamestown, N. Y., was a welcome visitor last week.

Those who attended the Asheville convention have nearly all returned. All report a good time. The special train went through in fine shape, but there was some difficulty in getting satisfactory sleeper accommodation coming back.

Albert Fuchs, Fanny Fuchs and John Hrudka, creditors of Walter Retzer, have petitioned to have him declared a bankrupt. The total liabilities, according to the creditors, are about $20,000, while they assert the assets amount to about $5,000. Several years ago Albert Fuchs sold his florist business to Retzer. His claim is $13,500. Henry L. Wilson was appointed receiver with $8,000 bonds. He will continue the business with the

Exhibit of H. Bayersdorfer & Co. at the Asheville Convention.

assistance of Mr. Retzer until action is taken by the court.

NEW YORK.

Last week, convention week, was a "frost" in the wholesale and retail florist trade of New York. Stock was abundant, prices too low for utterance, business hard to discover.

In Small's window the fountain and water lily effect still draws the pedestrian to the glass and holds him.

Thorley leans to Davalliodes and Farleyense. There isn't much novelty anywhere just yet.

Soon there will be the coal problem to solve by the multitude of growers who want to lay in their winter fuel. We have no natural gas down this way and haven't begun to burn oil. If the strike doesn't end soon we are surely "up against it!"

The "Ashevillians" are back, most of them well and happy. Not a word of complaint has been heard from one of the conventionists; everybody was delighted and surprised. The only "regretters" are the ones who did not go. I prophesied the choosing of Milwaukee in my notes last week. Now I ventur to predict an atterdance of 2 000 there, and 10 per cent of it from New York alone. It will be the convention of the generation.

H. H. Berger & Co.'s importation of over 150 cases of Holland bulbs, tulips, hyacinths and narcissus has just arrived in fine condition. Their supply of Harrisii at import prices is exhausted.

W. J. Elliott is at Northport, L. I., for a week's recreation.

Mr. A. Lange, of Chicago, and Mrs. Lange are visitors this week.

Miss Kitty Dowd, the popular bookkeeper at Chas. Millang's office, has returned from a two weeks' visit to the Catskills much benefited.

Jas. McManus exhibits in his Twenty-ninth street window a specimen of the new fern, "Anna Foster," which attracts much attention.

Miss Currick, bookkeeper for Young & Nugent, is summering at Newport and other eastern resorts.

The new firm of Bradshaw & Hartman, at 53 W. Twenty-eighth street, should make a strong combination. Mr. Bradshaw is one of the progressive wholesalers, who has rapidly built up a fine business.

The weather continues cool and agreeable. It's a year without a summer sure enough. We have forgotten what "100 degrees in the shade" means.

The convalescence of your venerable Edgar Sanders is very gratifying to his many friends here. We all hope to see him in Milwaukee in 1903.

Next comes our great flower show in Madison Square Garden. From now on there will be constant preparation. We expect to make it the greatest success in flower shows ever seen in America.

Millionaire Brokaw, of New York, has a fine country estate at Great Neck, L. I., which he is beautifying in a unique way by constructing a Japanese garden at a cost of $25,000.

AUSTIN SHAW.

BUFFALO TO DETROIT.

It was with considerable regret that I bade "Great Scott" a pleasant journey to Asheville. I felt I was a victim of circumstances in not being able to accompany him thither, feeling assured of a jolly and profitable time, for who has ever attended any of our gatherings without deriving some benefit therefrom. Mr. Scott's route lay south; I was heading westward, Jamestown being the first stop. Here I met genial Fred Dorner, son of the carnation wizard and active manager of the mammoth plant at La Fayette. We visited the Lake View Rose gardens, which in the distance has the appearance of a sea of glass. Carnations have suffered by the extremely wet season, but we consoled the indefatigable manager, Mr. Roney, by telling him that there are a host of others in the same boat. The new range, almost completed, was admired. In construction it is L shaped and comprises 100,000 square feet. The whole plant now forms a square and compact range of 600,000 square feet of glass, completing the original plan laid down by Mr. A. N. Broadhead, who has every reason to be gratified with the effect. After spending a pleasant hour we parted.

Erie being my next stop, I found Herbert Tong had left for Asheville to divert his thoughts from his hail-stricken place. His boys were diligently engaged in repairing, and by the time he returns all will be shipshape.

J. V. Laver was busy building a house for carnations, anxious to get it finished and planted in season. He has been in business three years and has built up a nice connection.

S. Alfred Baur is rebuilding about one-half his large place. Stock looks well. Carnations have done splendidly. I had no time to call on others of the craft, being bound for Cleveland, where I found a similar condition of affairs to those of Erie. Messrs. Hart and Graham were attending the convention. Isaac Kennedy was as busy as a bee on the new block of houses at Rocky River, where Mr. J. M. Gasser has run the original plant for several years most successfully. He is now taking a well-earned rest, leaving the care of the business in the capable hands of Messrs. Kennedy and Darnell. Rocky River is a romantic spot. Kennedy says it reminds him of the Wissahickon, and the fine Beauties he grows are fully equal to those that flourished under his care at John Burton's

Directly east and distant about nine miles is the busy place owned by Aug. Schmitt, at Glenville. Here son Charlie, another Philadelphia gradnate, assists in the management. New houses are going up and everything is up to date. Stock looks fine.

On my way cityward I looked in on James Eadie, who was housing carnations, fine plants, Gov. Roosevelt especially so. Store men are not busy.

Mr. Smith, of Smith & Fetters, was away on an eastern trip. Miss Lulu Schmitt is leading saleslady at this flourishing establishment.

A most enjoyable sail by boat brought me to Toledo, where I found that industrious lady, Mrs. Suder, rushed with funeral work, having the lion's share of a large order. There were many artistic pieces.

A. F. Schramm has severed his connection with the old firm, being now located a short distance above on Cherry street. Says he has no kick coming, business being very good.

I missed Geo. A. Heinl, but understand he is as busy as ever.

At Detroit I found the genial Phil Breitmeyer and hustling Wm. Dilger had gone to join the hosts at Asheville.

Wm. Beard, the newly elected president of the Florists' Club, graced the meeting, at which I happened to be present, with his presence. I there met Walter Mott, of Jamestown, who had stopped off en route to Chicago and the corn fields of Nebraska. Walter reports encouraging business, especially in bulbs. Their local trade is increasing and is well taken care of by John A. Smith, another Philadelphia graduate.

George Rackham, the "Rag" of Detroit, led the way to the bowling alley, where we put up a good game and imagined what would be the result had we been with the craft at Asheville. Young Norman Sullivan is a demon bowler, a worthy son of a worthy sire. BISON.

GUTHRIE, OKLA.—The territorial convention of the agricultural and horticultural societies was held at Shawnee Aug. 13 and 14. The meeting was a very important one and was attended by delegates from all portions of the two territories. Joseph Meibergen, chairman of the Louisiana Purchase Exposition, was in attendance, interesting the delegates to become exhibitors at the exposition.

THE SHOOTING CONTEST.

In the shooting contest at the Asheville convention the first event was for 15 birds, and the scores were as follows:

W. A. Hammond	14
W. K. Harris	14
Geo. Anderson	11
H. Brown	14
H. M. Altick	13
Edw. Reid	11
A. B. Cartledge	11
Wm. Scott	10

In shooting off the tie between the first four, Mr. Hammond won first, Mr. Harris second and Mr. Anderson third.

The second event was a shoot at 25 birds and the scores follow:

W. A. Hammond	24
H. M. Altick	24
W. K. Harris	23
Geo. Anderson	23
A. B. Cartledge	22
Edw. Reid	20
H. Brown	17
Wm. Scott	15

In shooting off the tie Mr. Altick won first and Mr. Hammond second. Mr. Harris was third.

Then came the match between a team composed of florists and another of Asheville shots, the latter winning by ten birds. The teams shot at 50 birds in two series of 25 each. The scores follow:

FLORISTS.

Geo. Anderson	20	19
W. K. Harris	24	23
Edw. Reid	15	18
W. A. Hammond	23	21
A. B. Cartledge	23	23
H. M. Altick	25	21
Totals	130	128
Grand Total		258

ASHEVILLE.

E. P. McKissick	22	22
T. Coxe	18	24
R. Bingham	24	21
J. D. Carrier	23	22
D. Miller	21	23
W. S. Lusk	21	24
Totals	129	139
Grand Total		268

At the conclusion of the match the winners conceded that they had found worthy antagonists, and through Colonel Lusk expressed their pleasure and gratification in meeting their friends from the north. It was a very happy conclusion of a most enjoyable event.

BOWLING.

At Asheville the Cincinnati team arrived too late to play Wednesday evening, and by special arrangement they were allowed to play their series of games on Friday evening. The scores, which follow, did not, however, change any of the results announced in our report last week.

E. G. Gillett	93	129	95
G. Murphy	101	146	100
E. George	178	124	112
A. Sunderbruch	95	116	163
R. Witterstaetter	93	117	82
Critchell	142	113	177

SOCIETY OF AMERICAN FLORISTS.

State Vice-Presidents' Reports.

New Hampshire.

To the President and Members of the S. A. F. and O. H.:

I take the keenest pleasure in doing a duty to the S. A. F. or any member of the same. As state vice-president it devolves upon me to perform a duty in making a report which I am in no wise competent to do: First, as a gardener on a private place I am not in close touch with the ups and downs of the trade. Second, to numerous letters of inquiry I received but one reply, which is disappointing to me, and a bad handicap besides; still it goes so far in showing us the "spirit" of the New Hampshire florist of today.

Within a short space of time, perhaps a little over a year, there has been considerable glass added. Manchester, Nashua and Dover take the lead in this respect, with the increased glass area; suffice it to say the trade must also have increased to support it, and trade is, I am happy to say, largely in excess of previous years in most localities, if not in all. A step in advance was taken by some of the largest places in this section last spring, by allowing eight hours to constitute a day's work every Saturday instead of ten hours. And to my way of thinking the florist and his men could accomplish more by working shorter hours and devoting more time to reading the trade journals, the daily papers and such literature, or, as Oliver Goldsmith has once said:

For just experience tells, in every soil,
That those who think must govern those that toil;
And all that freedom's highest aims can reach
Is but to lay proportioned loads on each.

There is not a florists' society or club of any kind in this state outside of the New Hampshire Horticultural Society. But I think it would be an easy matter to secure a goodly number of members, if such an organization were formed. And I will say with a reasonable assurance that we will have a lot of the New Hampshire boys woke up, ready to join you when you meet again on the New England end of Uncle Sam's domain.

BERNARD MORRIS,
State Vice-President for New Hampshire.

Wisconsin.

To the President and Members of the S. A. F. and O. H.:

The past year seemed to be one of general progress in the florists' trade. Nearly everything which was well grown found a ready market. The most noticeable increase was in the bedding line. Many of the smaller localities ties, where formerly little outdoor work was done, are now following ideas laid out in larger cities, and the demand for plants was in excess of supply. Growers and retailers all had a profitable season; and many new names appear in the list of florists. New establishments have been opened in cities where formerly there was no florist. The increase in glass throughout the state may foot up about 200,000 square feet. The continued high price of glass, however, deters many from making new additions.

Blooming plants are being called for as well as palms and ferns at most of the holidays, almost in excess of cut flowers, especially when prices for the latter are high. The outlook for next season is prosperous.

C. C. POLLWORTH,
State Vice-President for Wisconsin.

Canada.

To the President and Members of the S. A. F. and O. H.:

It is with pleasure that I report the most marked advance in the florists' business over any former year, the Christmas and New Year holiday trade being fully fifteen per cent better than ever before in our leading city, as well as country trade. The public seemed willing to pay any price for first-class stock, thus strongly supporting my contention that good work and service will always find appreciative and profitable recognition.

This happy condition of affairs will be an incentive to the trade to make quality the first consideration.

The supply of Begonia Gloire de Lorraine in pans fell far short of the demand in Hamilton, Ottawa, Toronto, London and Montreal. Pans of primulas, three or four plants each, sold well, also all staple lines in cut flowers and decorative plants.

Palms, azaleas, ferns, cyclamens, primulas and bulbous stock sold well, and larger sales were made at advanced prices for high quality in roses, carnations and chrysanthemums.

The trade during January continued most satisfactory. Mignonette, sweet peas and bulbous stock were in small quantity, with an unusual supply of freesias, and plenty of violets and carnations. In Toronto, Hamilton and Ottawa the supply of orchids was much under the demand.

Toronto trade was not affected by the Lenten season, and St. Valentine's day created exceptionally heavy demands for violets.

With the advancing season greater activity and hopefulness was manifested in all lines. Retail trade was good, with a plentiful supply of roses, carnations, violets and bulbous stock.

Montreal trade was dull after Easter, with an ample supply of all stocks, particularly bulbous, which was over-abundant. Violets sold well; asparagus and smilax were scarce.

Toronto business after Easter was good. Stocks were plentiful except violets, which were scarce and in good demand. Roses ruled somewhat cheaper. Sweet peas were coming in early in April.

All Toronto florists rejoiced over the Easter business, the aggregate sales in which were twelve per cent higher than last year, and never before had an Easter season shown better stock. Carnations were not over plentiful, but the fancies were splendid. Lily of the valley sold well and violets at good prices.

In plants there never was a better variety, and the appearance of the stores was never excelled.

Ottawa's Easter trade was very good, with the supply of stock equal to the demand, and all of which was of a satisfactory character.

With the opening season for outdoor work, the sale of bedding plants was very satisfactory, but I regret to report serious damage by late frosts to carnations in the field, as well as other stock.

On the whole, the season was backward, the severe late frosts being followed by continued cool and showery weather all through the month of June.

While not able to report any building of special note, I am able to refer to a general improvement and extension in existing plants, showing a general tendency toward increased facilities and production, with a healthy and hopeful progress all along the line.

H. H. GROFF.

Western Pennsylvania.

To the President and Members of the S. A. F. and O. H.:

The past season has been a highly successful one in every particular. Flowering and bedding plants sold away beyond expectations with red geraniums and French cannas in the lead. In the decorative line, palms and bay trees of larger sizes held first place. John Bader, of our city, having a large importation of both, sold out completely as did numerous other firms here.

I may mention that of the commonly-called "rubber plant" the sale reached such proportions as to make one think this plant has become almost a household necessity.

WILLIAM LOEW,
State Vice-President for Western Pennsylvania.

Connecticut.

To the President and Members of the S. A. F. and O. H.:

The reports from the leading florists of our state pronounce the year just passed a prosperous one in all respects, and the amount of cut flowers sold during the principal holidays, such as Christmas, Easter and Decoration day, is said to have exceeded by far all previous records, placing demand above supply.

The carnation keeps its place as most in demand and use, and a marked improvement in quality obtained of late has advanced the price in some places. During the entire winter season the demand for carnations in our cities exceeded the local supply, which was partly due to the fact that in spite of the healthy and promising condition of plants, flowers were not freely produced during the early part of the season. At the present time plants in the field and housed look very promising, and no complaints are heard or stem-rot and other diseases. George Osborn, of Hartford, has grown the best carnations in this section of the country. His Lawson, Estelle, White Cloud, Queen Louise, Mrs. Bradt, Eldorado, California Gold, etc., were of unusually large size and simply perfect in build and color, and they commanded advanced prices. The orders received by him in advance exceeded at all times the possible output of his establishment, which clearly shows that the flower-loving public appreciate good products and qualities and are willing to pay for them.

Roses, violets and other cut flowers held their own well, and products and sales were satisfactory. Considering the advanced cost of material and labor, affecting all trades alike, there should be an all around increase in the price of cut flowers and plants, but, generally speaking, such advance is not noticeable. Pot plants have been somewhat in increased demand, especially in rubber plants, begonias, hydrangeas, and, above all, ferns, the Boston fern leading as favorite.

The sale of bedding plants has been in most places about the same as in previous years, and but a small increase in that line is noticeable in some localities. On the other hand, the demand for hardy plants shows a decided advance, and the nurserymen have been doing a good business along all lines. Ornamental shrubs and trees, both coniferous and deciduous, are used profusively in the decoration of home grounds all over the country, and the homes are very few which do not show some acquirement from the nurserymen which a few years ago were little or unknown. True, such plants as Crimson Rambler rose, Clematis paniculata, Hydrangea p. g., etc., are used so universally as to justify the term of "overdoing it" by the cross country traveler, but from a point of view of the individual owner his selection and taste is good and his progressive spirit to make his home attractive, praiseworthy. The demand for herbaceous plants is steadily increasing and the hardy flower garden is coming more and more into deserving prominence.

Greenhouse building has been going on all over the state, although possibly not in the measure which the prosperous business period

Exhibit of Siebrecht & Son at the Asheville Convention.

just passed and the confidently expected increased demand for cut flowers would seemingly warrant.

In Hartford, J. Coombs has added another carnation house to the two built a year ago, 27x150 feet, and has now 90,000 square feet of glass, the output of which covers only two-thirds of the sales at his store.

G. F. Heublein & Bro. are building a handsome store and adjoining conservatory opposite their hotel on Gold street. The structure promises to be the handsomest building of its kind between New York and Boston. This attractive new establishment is expected to fill a long felt want in the keeping of larger palms and other ornamental plants for decorative purposes, and under proper management the undertaking is promised a bright future.

A. N. Pierson, of Cromwell, built one house 50x60 for lilies, one 23x400 for general plant stock, and one 35x400 for rose stock, all at his old plant, where he is at present constructing a new central heating system with nine tubular boilers to take care of the whole 300,000 feet of glass. His new plant built some two years ago contains 200,000 feet, and the output of the whole establishment, both in cut flowers and plants, is something enormous. It might be interesting to give a few figures, viz.:

June 1, 1901, to June 1, 1902.

Cut roses	1,077,574
Cut carnations	246,913
Chrysanthemums	70,094
Lily of the valley	741,867

In Bridgeport, Stephen D. Horan is rebuilding about 10,000 feet of glass; and other new houses and improvements are going on in a number of other places, showing progressive times and people.

Social organizations for the betterment and advancement of our noble profession and the creation and furtherance of good will and sociability amongst the craft, our state has but few, and the want and need of such is fully recognized by some of the leading and progressive florists and horticulturists of the state.

The New Haven County Horticultural Society is the leading society in the state, is doing good work at its regular meetings and through its exhibitions, and is at present preparing for the largest and most complete show in the history of the society, to take place this coming fall.

Out of the ruins of the once flourishing Connecticut Horticultural Society at Hartford has come a new growth of seemingly vigorous, ambitious blood, with modern tendencies and ideas, progressive qualities and intentions. This young plant has been christened the "Hartford Florist Club," and although its members are but few in number, the club can look back with great satisfaction upon the work accomplished during the short period of its existence.

These two associations it is hoped will establish and maintain closer relationship in the future, a beginning to that effect having been made, and a notable event in the history of both societies, the memory of which will long live with those that took part, was an outing to beautiful "Hubbard Park," Meriden, Conn. Meriden being half way between New Haven and Hartford, the two clubs met at the park, where they were received by Mr. Walter Hubbard, the board of park commissioners, and the mayor.

Under the kind guidance of those gentlemen, this magnificent Mountain Park, containing in all over 1,000 acres, the generous gift to the prosperous, progressive town of Meriden by its first citizen, Mr. Walter Hubbard, was inspected in all directions, and the climbing of the lofty heights of Fairview, Castle Craig, and West Peak on the famous hanging hills of Meriden, 1,000 feet above the sea level, was accomplished in good time and with the enthusiastic spirit of an advancing unresistable army corps, at the head of which was our W. J. Stewart, who, by the way, acted as chaperon by bringing the New Haven boys on and the Hartford boys home. The magnificent view over the hilly country for thirty miles around, together with the attractive natural sceneries of the park itself, was greatly enjoyed and admired by all those present, and the splendid and liberal hospitality shown us by our hosts could not help but overcome all feeling of tiredness and exertion of even the unexperienced mountain climbers.

This sociable outing and meeting of our two societies will lead on to combined working in the large field of possibilities before the craft in general, and the occasion very forcibly impressed on me the thought what good work florist clubs and horticultural societies could do in interesting themselves and in taking the creating and leading part in all movements for municipal improvements, especially in the development and ornamentation of public grounds and streets.

The far-reaching educational value of parks and well-developed and maintained public grounds and streets is recognized by all observing people, and our small state of Connecticut is in a position to show the beneficial influence such improvements have on the home grounds of its citizens. Hartford, New Haven, Bridgeport, New London, Middletown, Waterbury and Willimantic can give convincing proofs for this statement.

True, not many towns and cities are so fortunate as to have so public spirited citizens as has Meriden and Hartford, for instance, where the gifts of noble men have not only opened the way for such acquirements and improvements, but have developed them to stay and to be forever a blessing to the human race, but every city, town and village has endless opportunities and possibilities for municipal development on such lines, and it is astonishing to see how in many instances the progressive and active leadership of a few men can awaken public spirit and pride to such an extent as to make the seemingly impossible not only feasible, but even easily accomplished.

The close, intimate relationship to nature which we all enjoy in the following of our chosen noble profession does not only qualify us to take a leading part in all such improvements, but strongly suggests that we take the initiative in that direction. Let us think of the good we can do by showing how to take care of our trees, at this very time when numerous devastating insects are threatening to shorten their lives. Let us show what can be done for the present and coming generations by improving and planting our schoolhouse-grounds, giving thereby object lessons which will surely bear fruit, since they will be started in the retentive and productive mind of what will some twenty years from now be the hopeful, progressive working element, the stay of our nation. Let us branch out of the narrow single track of progress, which has as its destination commercial advancement of our trade and personal gain to the acquirement of professional knowledge and experience, and let each society that follows the banner of our national association adopt as one of its fundamental aims the ideal purpose of being a strong helping hand in the municipal development of our communities. It will not only be to our credit and of benefit to our beloved country, but it will bear compound interest in return. I do not say that nothing is done in that direction at present, but I do say, let us do more of it.

THEODORE WIRTH,
State Vice-President for Connecticut.

District of Columbia.

To the President and Members of the S. A. F. and O. H.:

I have the honor to report that the past year has been extremely satisfactory to the florists of the District of Columbia in many respects. All report business for the past year as very satisfactory and all are busy preparing and planning to handle the expected increase of trade during the coming season. Several growers are adding new houses to their present range this year, and others rebuilding old houses in order to keep up with the demand for cut flowers and plants.

Extensive alterations are going on at the White House greenhouses at present. Nearly all of the old houses will be pulled down and a new range of houses erected at another location of the grounds. This was made necessary by the building of new offices for the President which will occupy the ground where part of the greenhouses were located. The removal has caused Mr. Pfister, the head-gardener, considerable trouble, as he had no other houses to move his splendid collection of plants to, but had to stand them around the grounds underneath trees, etc., until suitable quarters could be completed to house them.

Florists who have handled rose, Queen of Edgely, report sales of this rose as good and think that there is a place for it. Killarney is another new rose that has been much admired by ladies of good taste and the florist who grows for the better class of flower buyers should give this rose a trial. It is a fine shell pink, shaded silver, with a good stem, and of fine lasting qualities. Some object to it because of its being a semi-double rose and not quite full enough, but here lies one of its good qualities. It is a departure, or, if you prefer, a retrogression from the florists' rose of the present day, but this is what we need—greater variety of flowers in color and shape, and I believe this a break in the right direction. The new rose, Ivory, is one of the finest forcing roses that has ever been introduced. It is a sport from Golden Gate and is identical with that variety in growth and free blooming qualities, but the color is a fine ivory white, hence its name. Another rose that will be introduced soon by the same firm who introduced Ivory, is Alice Roosevelt. This rose made its debut in Washington last winter and has been much admired by the elite of Washington society; it is a sport from Mme. Abel Chatenay. With all this variety's good points and being of a glowing pink color, it is especially desirable for night work. In new climbing roses of recent introduction, Dorothy Perkins stands out preeminently. It is a hybrid between Rosa Wichuraiana and Mme. Gabriel Luizet; it has the climbing or training habit of Wichuraiana with the beautiful lustrous pink of Luizet; it flowers in clusters of from twenty to forty, the individual flowers averaging one inch in diameter; it is of similar habit to Crimson Rambler and will prove an excellent forcing rose as a pot plant.

Another new plant of recent introduction is Philadelphus Boul d'Argent, or double mock orange. This will prove to be a desirable plant for winter forcing; it is dwarfer and more spreading than P. coronarius with smaller leaves flowering in terminal corymbs of four or more flowers, each about one inch in diameter.

Peonies have been coming rapidly to the front during the past few years. Blooming as they do with us about Decoration day, they prove very acceptable at that time. Several of the florists are adding to their collection of this desirable plant.

An interesting and successful experiment was made here last spring in the shading of hybrid perpetual roses in the open ground. The aim was to keep off our hot suns that prove such a drawback to the successful culture of the rose in the open ground around Washington. A frame work of pipe was erected and over this cheesecloth was stretched and by means of ropes and pulleys the cloth could be rolled up or down at will. The results were larger flowers, longer stems and very much better color. The experiment was so successful that more roses will be covered next year in the same way. The first cost of the material is trifling compared to the fine results obtained and the

cloth will evidently last for several seasons. I would strongly advise florists to give this method a trial and I am sure they will be well repaid in the finer blooms obtained.

In dahlias a few of our growers have been growing Standard Bearer with good success and have never been able to fill the demand for this variety. This is one of the true cactus type, flowers of brightest scarlet, and seems to quite capture the ladies' fancy. You hear exclamations of delight wherever this variety is shown. It succeeds very well here, flowering continually, and, unlike most cactus dahlias, the flowers are born on long stems and therefore prove a good florists' flower. A fine companion to the foregoing is Mrs. Peart, also a true cactus dahlia; color, creamy white; a very satisfactory sort. A fitting companion to the preceding two, but of the decorative dahlia type, is Grand Duke Alexis, of large size and distinct form; color, pure white delicately tinged with pink; it proves a fine selling flower.

No report from the District of Columbia would be complete that omitted mention of the great work being done by the Department of Agriculture for the benefit of the florist. I am indebted to Prof. A. F. Woods, Pathologist and Physiologist of the Bureau of Seed and Plant Introduction, Department of Agriculture, for the following synopsis of the work of the department on the nematoid of the rose and violet.

For the past year the pathologists of the department have been endeavoring to find some method of fighting the eel-worm, or nematoid. After testing a great many substances supposed to kill these worms, it has been found that the best material to use is a diluted solution of formaldehyde, about one per cent solution being sufficient to very quickly kill any nematoid touched by it. On extensive experiment in the treatment of the root nematoid of roses carried out by Mr. J. Louis Loose of Washington, in accordance with the directions furnished by the Department, was very successful. The treatment was made on February 10th, including plants of several varieties, namely, The Bride, Kaiserin Augusta Victoria, Mme. Abel Chatenay, Nephetos, American Beauty, Liberty and Meteor. The solution was made up on a scale of four pounds of the commercial formaldehyde to fifty gallons of water. Fifteen thousand plants were treated, requiring about 200 pounds of formaldehyde, costing 18 cents per pound. The mixture was applied with a hose connected to a force pump. While at first all the young feeding roots that the plants had, as well as the nematoid galls and nematoidea in the soil were killed, the treated plants soon grew out of the set-back and formed fine, new feeding roots, while the untreated plants remained stunted and diseased.

For bud nematoid of the violet, they have found that this nematoid is also very easily killed by formalin, although it is not practicable to use formalin on the plants. About all that can be done in order to fight this pest is to carefully throw out of the stock every plant showing any sign of bud nematoid; it should be pulled out and destroyed, otherwise the disease will spread from plant to plant. It does no good to cut out the diseased part. Nematoid is easily killed by drying and it is therefore suggested that houses in which the disease has appeared be run rather dry, especially permitting the surface soil to dry and keeping it in the form of a dry mulch. Heavy shading is undesirable in cases where the disease has appeared, as under such conditions nematoidea getting upon the surface of the soil and on exposed places on the leaves will not be destroyed, whereas, if they are exposed to the sunlight they are likely to become dried up and die.

I am very glad to be able to say that at a meeting of the florists of the District of Columbia held on the 31st of July, the Florists' Club of Washington, D. C., was once more brought to life and started on what we all hope will be a long life of usefulness and prosperity for the good of the trade in general, and welfare of its members in particular.

PETER BISSET,
State Vice-President for the District of Columbia.

Northern Ohio.

To the President and Members of the S. A. F. and O. H.:

Another year has passed around since the Society of American Florists met in convention at Buffalo, N. Y. I, as your state vice-president for northern Ohio, am pleased to say that with the florists about here this year has been a prosperous one, and the twentieth century opens with prosperity for the florists who are alive and up-to-date, and who keep pace with the times. You can easily tell the florist who is not prosperous by his surroundings. Enter his establishment, and we find everything topsy-turvy—old wire designs lying around, broken glass, old boards, piles of broken pots, etc. His make-shift of a desk is covered with old papers, letters, books, catalogues, etc., and all this covered with dust and cobwebs, and with barely room enough on which to write an order when he gets one; tools lying about; with no special place for them, they are dropped wherever the person using them happens to be, and the next one wanting the tools will have to spend half of his time hunting for them. This kind of a place reminds one more of a second-class junk-shop than a prosperous greenhouse establishment, and indicates a slovenly, shiftless business man. We have many such in our ranks, and I hope if any of this class read these lines they will take the hint that they are meant by these remarks to profit by the same, and will try to bring themselves and their business up to the standing at which they ought to be in the commercial world—in the foremost rank. For is he not the cultivator of the beauties of nature? Therefore he should by his surroundings show the truth of this, and that he appreciates the fact that the florist business is one of the most elevating and refining of all occupations.

There was a marked increase in the demand for first-class flowers during the holidays. Nothing was too good, and stock brought an equivalent price. The holiday business, in fact, the florist business during the whole year, has been much better than formerly. I think I can with safety say that there has been an average increase of 25 per cent over that of any previous year.

At a Farmers' Institute held in Tiffin by the Agricultural Society of Seneca County, under the auspices of the State Agricultural Department, an article on floriculture was delivered by your humble servant, in which particular stress was placed on beautifying the grounds surrounding farmers' homes. Among other things mentioned were rose beds, in which the plants from the benches of our rose houses were recommended. This proved very fruitful. We succeeded in selling about 2,500 of Bride, Bridesmaid, Golden Gate, Perle des Jardins, which paid very well for the time it took to get up the address before the Institute. We sold the plants at the rate of 15c. each, whether one or more was taken; and selling the number we did in so short a time, it paid much better than throwing the plants on a heap and burning them up. I have made it a point to inquire as to the result, and universally the buyers are well pleased, as the roses are blooming profusely. This sale of stock which is usually considered worthless assisted very materially in replanting our rose houses for the coming season.

There is an increased demand for perennials, especially among the farming community.

The season was very backward, cold and rainy weather prevailing, which, when it did let up, brought the work all into a bunch. Everybody wanted their bedding done first. The increased demand for porch and window boxes, hanging baskets and general bedding, made the florist who had a good deal of that kind of work to do exert himself in order to please all his customers. The demand has been so brisk with most of the florists in this section that by the first of July they were all pretty well sold out of bedding stock, getting better prices, and having less trouble to collect outstanding accounts.

Those of the craft who more or less extensively grow cut flowers have at this date nearly all of their rose houses planted, and some are making preparations to house carnations. So far as I have heard, the carnations in the field are looking well, with few exceptions, where they were planted on low land, and were covered with water caused by the overflow of streams swelled beyond their capacity by the rains. In such places the growers are losing some plants by stem-rot. With me, the overflow took the soil from one end of the field, leaving the plants upon stilts, as it were, and burying them at the other end, so that after the water had receded one could see only an occasional leaf sticking through the mud. These had to be uncovered, and the surplus soil hauled back to where the water had brought it from and put around the plants from which it was taken. Doing this work promptly and carefully, my loss was but slight. Had the sun shone my loss would have been greater; but for three days following this severe rain storm the weather was cloudy, so that the plants which had their roots exposed did not suffer. I lost a few plants which were covered with soil too long; we could not handle them until the water had drained off, which was a slow process in some parts of the field, and the plants rotted.

Quite a number of florists about here are very much troubled with thrips on their roses and carnations, principally the latter; we never before have known the pest so destructive as this season.

LEWIS ULRICH.
State Vice-President for Northern Ohio.

New York, East.

To the President and Members of the S. A. F. and O. H.:

As state vice-president, it is again my privilege to make a report of the work of the past year.

Generally speaking, trade has been satisfactory in all lines connected with the florist's business.

Among the greenhouse builders business is now brisk. While there has been a considerable increase in the building trade over last year, there is very little difference in New York State, the increase being elsewhere. In our section no commercial greenhouses of any consequence are being erected, but in New Jersey several contracts have been given out for large ranges. The product of these will be shipped to the New York market to be sold; in fact, most of our roses come from New Jersey. This season's building among the private estates has been an exceedingly busy one.

There is no likelihood of a reduction in building material, but it looks very much as if there will be an increase in wrought and cast iron and steel, and all articles made therefrom before the end of this year. While the price of glass was down a little, it is now rumored prices will be advanced considerably.

In cut flowers the fall trade was very good until the chrysanthemums arrived; then business slackened up considerably. Thanksgiving day turned out the same as usual, with plenty of flowers, and quantities of chrysanthemums, prices being fair. Chrysanthemums this season were cheaper than ever before, and the supply lasted far into December.

Large quantities of Boston ferns and rubber plants were sold last year, some being disposed of very cheap.

Christmas trade was satisfactory. On that day the cut flower business was very slow until after midnight, then it improved, with a rush for high-grade stock, which brought exceptionally good prices, a few choice Bridesmaid roses bringing 75c. each. American Beauties were overstocked and prices were lower than last year.

The supply of carnations was satisfactory, the fancy grades bringing high figures.

Christmas greens were cleaned up in most places.

The plant trade, which exceeds the cut flower trade at Christmas, was very heavy. Poinsettias, azaleas, Lorraine begonias, peppers, aucubas, dracaenas, ardisias, heaths, orchids, and crotons were in evidence, and sold well. Oranges and imported hollies found a ready sale.

The demand for fruiting plants seems to be on the increase.

New Year's trade amounts to a good Saturday's business, no preparation being made now for this holiday.

The Easter trade, which was the best on record for the plant grower, experienced a set-back through the rain on the previous Friday and Saturday.

Lilies cleaned out well at good prices, as did azaleas. These two plants exceed all the others combined in quantity. There was the usual number of genistas, Crimson Rambler roses, hydrangeas, lilacs, rhododendrons, bougainvilleas, hybrid roses, acacias, hyacinths, daffodils, lily of the valley and violets in pots to be sold.

There is not much to be said about the cut flower trade, as most of the stock had been held back, and no reasonable offer was refused, although the better qualities of roses and carnations sold well.

There were cartloads of violets shipped, some of which had been held back for weeks, and sold for $1.00 per 1,000. After the weather cleared and the sun came out, and the retailers felt it would remain so, good violets were called for and found to be the scarcest article to be had.

Bulbous stock, cut, was a complete drug.

The florists' supply dealers speak encouragingly of the business they have done, and from all reports it is on the increase.

The auction houses have been well attended this year. While the prices were not up to those of last year, the number of plants sold exceeded that of all previous years, and the outlook is very encouraging for a good fall business. The demand for salvias seemed to be in the lead, with named cannas a good second.

The seedsmen report a brisk spring business.

There appears to be a special demand for shrubs and hardy plants; also seeds of the latter.

In suburban gardens the tendency is to plant shrubs and hardy herbaceous plants which do not require to be transplanted each year. The prospects for the fall seem bright; advance orders are being placed more freely for all lines of bulbous stock, and in most cases at higher prices than formerly.

The demand for hardy lilies has been especially noticeable; amongst these are all the native lilies of California.

The retail trade has had its share of prosperity. The Bridesmaid is still the most popular and best-selling rose with them; American Beauties and orchids are in greater demand with the leading florists. Lily of the valley was in large demand, but the sale of general bulbous stock is falling off with first-class houses.

The demand for cut carnations has greatly increased, good people refusing to buy the cheaper varieties.

Rose growers have had a good, steady sale for their stock; while prices were not so high as in former years, they were firmer throughout the season. New plantings are doing well. Some rose men are growing American Beauty extensively this year, as that rose was in brisk demand the past season.

Carnation men have passed through one of the best seasons that they ever had, and are now preparing for a better one. The stock in the field is looking very fine, and by this time most of the houses are planted. The varieties that will be grown extensively next year will be Mrs. Lawson, Gov. Roosevelt, Wm. Scott, Corna, Harry Fenn, Viola Allen, J. H. Manley, G. H. Crane, Morning Glory, Golden Beauty, Mrs. Bradt, Prosperity, Floriana, Flora Hill, Lizzie McGowan and White Cloud.

Some men who have experimented planting direct into the greenhouses have been successful in getting a full growth. The carnation center for the East is now on Long Island.

Violets have maintained a good price through-

out for first quality. The crop the past season was very large. The violet center to-day is at Rhinebeck, N. Y. One builder alone got out material for 75,000 square feet. The plants are looking very well at present, and the violet men expect a tremendous crop for the coming year. We have reached a higher standard now, and the public is educated right up to the mark, and will only buy the best; so if the small grower will continue to produce inferior blooms, he will surely go to the wall.

Through the efforts of the Department of Agriculture at Washington it is possible to-day to grow violets in old houses year after year, by using a remedy in hydrocyanic acid gas, that destroys all insect life. Violets will not stand tobacco in any form. With plenty of new soil and your houses so arranged that you can ventilate from the outside, you ought to have no trouble to get the quality.

The American Rose Society held its annual show at the Berkeley Lyceum, New York. It was a creditable show, with a fair attendance. The society meets in Philadelphia next year, where its exhibition will also be held.

The Horticultural Society of New York, in conjunction with the New York Botanical Garden, held an exhibition in the museum of the garden in June last, where the $50 award of the society was made to Nephrolepis Piersoni, a sport of the well-known Boston fern.

The New York Committee of the Chrysanthemum Society of America met at its usual stated periods, and awarded certificates to the following varieties: Chemo and John R. Weir. Fewer varieties were exhibited before this committee the past chrysanthemum season than heretofore.

The New York Florists' Club will hold a grand exhibition of flowers, fruits, plants and vegetables in Madison Square Garden, October 30 to November 6, 1902. In connection with this show the American Sculpture Society will make a display of sculpture work, the combination creating an exhibition unexcelled in the metropolis.

The club now publishes in pamphlet form the papers read before it during the year; exhibitions of flowers are also made monthly. The attendance has been gratifying, and the association continues on a good working basis.

A plant-breeding conference under the auspices of the Horticultural Society of New York will be held in Manhattan in September next. Prominent scientists and practical horticulturists will read papers, and a most instructive program has been prepared.

The Brooklyn Horticultural Society was organized in June last, to carry on the work preparatory to the coming convention and meeting of the American Carnation Society, which will be held in Brooklyn in February next. A grand display of the divine flower will be forthcoming. The Horticultural Society will be a permanent institution.

The death roll includes the following names:

Chas. H. Downie, prominent seedsman.

John Fitzgerald, wholesale florist, New York City.

M. J. Lynch, of Poughkeepsie, violet grower.

A. C. McConnell, retail florist, New York.

Victor Dorval, salesman.

The New York Cut Flower Exchange has taken quarters in the Coogan Building, Sixth avenue and Twenty-sixth street. The market is now opened at 6 a. m. The East Thirty-fourth street market is still continued. Respectfully submitted.

ALFRED H. LANGJAHR.
State Vice-President for New York, East.

New Jersey.

To the President and Members of the S. A. F. and O. H.:

Lying as our state does in the direct line of communication between two great cities of America, with four lines of railways crossing the entire state, it finds a ready market for its products in both. This has tended to make it an important factor horticulturally, floriculturally and commercially.

In the elevated and rocky districts comprising the north and north middle counties known as the Newark and Orange Mountains and the Palisades of the Hudson, are found many of the largest rose growing establishments in the country, while the broad sandy plains of the southern part is favorable to the carnation and growing of nursery stock. We have three of the largest orchid raisers in the country and our three largest nurseries of trees and ornamental plants have a universal reputation. While closely allied to its two near neighbors, whose market is also ours, we yet have much that is characteristic and individual. Our state has furnished a president to the S. A. F. and O. H. and helped to officer both it and the Rose, Carnation and Chrysanthemum societies.

For her private estates and the skill of her private gardeners she has always been celebrated, and her parks, though recent, will be visited for the great beauty of their natural scenery and remarkable extent of view. One of these parks it is said, overlooks one-quarter of the population of our country and the prospect is limited only by human power of vision.

During the past year the output of roses sent from some of its rose-houses to the New York market has doubled. The flowers consist of the usual varieties. Its yield of carnations and chrysanthemums has grown and its trade from latest reports is steadily increasing. An advance is claimed in improved cultivation of the orchid so as to control the season of bloom, and orders are reported from outside the state as far as New Orleans and Chicago, one wedding bouquet last winter returning the grower the sum of fifty dollars. During the past rainy season the growth of labiata has been considerably retarded.

The influences which have helped this increase of prosperity are due to the superior organization of the commission trade assisting the shipments from one market to another, and rendering prices of staples less variable; to the floral press in an increased opportunity of reaching distant points; to the growing love of flowers in those communities where so-called nature study forms part of the school curriculum; the activity of our experimental station in the use of bulletins and public addresses given by its staff, and the increased attention of current periodical literature to flower cultivation in the house. One indication of this is the appearance of plant room and conservatory in the new houses now

C. C. Pollworth, Vice-President Elect, Society American Florists.

building even at the seashore, where the use of the house is for but a portion of the year.

The increase of local trade can be clearly traced in neighborhoods where there are active horticultural societies and clubs whose addresses and exhibitions are frequently society features, and very largely to the influence of our public parks, particularly in Essex, Passaic, Hudson and Monmouth counties, though in the first the matter has been overdone and is suffering a reaction at the present time. Any effort made to further the work along these lines by the S. A. F. and O. H. must tend to materially benefit, individually, and our standing, horticulturally.

While there has been a decided falling off in the small grower (that is, under 1,000 square feet of glass), except where saved by a local trade, and also a few florists, this has been compensated by the increase in glass area by larger concerns. The incorporation of one stock company with a capital of $85,000 is to be noted, as also the phenomenal growth of some of our youngest houses in the trade, notably in decorative plants. There is no reason why with four of the largest houses, three in the eastern and one in the western part of the state, that New Jersey should not largely influence the market in the coming year.

An increased demand for young apple and pear trees for fall planting is reported even to the extent of exhausting the stock of firsts, and a decided increase in herbaceous plants and hardy annuals, particularly the Japanese iris. There are still three active Japanese firms in our state, but the business in Japanese freak products has lost its grip and now the sales are assisted by the "Japanese ball game," with plants as prizes. Introductions of Japanese products of merit by our own trade are meeting with fair sales.

While we have no public botanical garden, and have received only the most meager state encouragement, the appropriation voted for our State Horticultural Societies' display at Buffalo, being ridiculously inadequate, yet our Agricultural Experimental station during the past year has prosecuted its investigations still further into plant diseases and has furnished bulletin and address whenever applied for. One house will be devoted to remedies for mildew this coming season, and much space to the crossing of ornamental plants. Much of the energy displayed being due to the activity of an able superintendent. Attention of legislatures should be brought to the importance of our horticultural and floricultural interests to the state, and copies of our proceedings should be placed so as to be accessible to them.

Both of our private and commercial houses have been schools in the past and have furnished growers all over the country. At the present time in one of the largest rose-houses are young men "doing time" from New York, Illinois, Pennsylvania, Massachusetts and Michigan, while many very interesting papers covering a wide range of subjects have been given before our own societies, and also given by Jerseymen before societies in other states, and duly noticed by the floral press, yet only one published book in the past year is to be reported by a Jerseyman, notably, "Live Covers for Country Homes," by Prof. Byron D. Halsted.

Many prizes have been taken during the past year, among others for merit may be mentioned John N. May, J. R. Mitchell, Robert Simpson, E. Waller, H. C. Steinhoff, Dale Estate and Peter Duff.

Among those who have introduced new flowers are John N. May of Summit, rose Mrs. Oliver Ames, and J. H. Horsburgh, of Elizabeth, a new geranium, J. F. Cleary. Inventions have been made by Theron Parker of Harrison, of a glazing point, a tomato support and a folding trellis.

A few have passed away, but since the death of William McMillan, none have been followed with more respect to the grave than Thomas Young, Sr., in May last, at the age of 84 years.

The donation of land by private citizens for public parks should be mentioned. While many have taken place prior, yet during the past month, Mr. C. W. Anderson of Upper Montclair has donated a strip of probably twenty acres to the township.

On the whole the business of the past year marks an advance in glass surface and an increase in production with steady prices. It is impossible to discriminate by name any flower, so much depending upon the skill of the grower, and any healthy plant of acknowledged merit will bear continuously and brings a price. Educational influences are at work, not alone as part of school and high school curriculum for children, but our societies are doing much by furnishing speakers, our agricultural station by bulletins and speakers, our own society by its report so widely distributed and noticed, and by an intelligent and ever practical floral press. This with the objective teaching of our public parks and private estates is over and over advancing the importance and excellence of the craft we love so well.

Material assistance is recognized to Messrs. W. J. Stewart, Alexander Wallace, Patrick O'Mara, Prof. Byron D. Halsted, the Universal Horticultural Establishment and Chestnut Hill Nursery.

JOSEPH B. DAVIS.
State Vice President for New Jersey.

West Virginia.

To the President and Members of the S. A. F. and O. H.:

I have the honor as well as the pleasure of making the first report from our small but prosperous mountain state. This state has passed through one of the most prosperous years in the history of horticulture; all florists seem to be well satisfied with the business done the past year.

Bedding plants were sold out cleaner than ever before; cannas are taking a leading part in bedding plants; prices have been satisfactory. In cut flowers this state has never been able to supply the demand and a great many are shipped here from adjoining states. In cut flowers carnations take the lead and bring good prices; during holidays good carnations bring as high as $2.00 to $2.50 per dozen, the average price during the winter being 75c. to $1.00 per dozen. There was a big demand for cut flowers until late in the spring. Easter trade was very good; there was a great demand for potted plants and everything in that line was sold out.

There has been a great deal of glass added by several firms this season, one firm alone adding about 10,000 feet of glass.

Chrysanthemums are looking well. There seems to be a better sale for them in the last few years than there has been. Carnations are doing fine; the season here, it seems, has been just right with a good rain about once a week.

There has been hail all over this section this summer, but the florists have been lucky enough not to be damaged much by it. Brother florists, "better lock your stable before the horse is stolen."

Would like to mention that this state shows good opportunity to some enterprising young men who would like to start into business for themselves, as this state is growing very rapidly and many small towns could and would support a florist, for each new greenhouse in a new town creates a demand for more flowers.

It is very hard to get new members for the S. A. F., but I think we have some of them stirred up and by keeping at them may yet succeed in lining them up and bring them into the society that they may be benefited by our organization.

G. OBERMEYER.
State Vice-President for West Virginia.

Rhode Island.

To the President and Members of the S. A. F. and O. H.:

Trade in general has been up to the average, the prevailing feeling being that we have had a prosperous year. Although business was dull during the early fall, after Thanksgiving it kept up quite well. Chrysanthemums came in during their season in fine shape but the market was overstocked with them and consequently the prices were not up as high as they ought to have been.

After Thanksgiving business took a start and kept up well even through Lent. Christmas trade was very good with a scarcity of finer flowers and an over abundance of bulbous stock The plant trade was an increase over last year and anything with fruit or flowers sold well.

After the holidays there was not as much of a check in business as in former years and with a steady supply of first-class stock business held up well through Easter.

The weather conditions before Easter were very fine and consequently the market was supplied with first-class stock. Lilies, in pots as well as cut blooms, sold very well. Had it not been for a stormy Saturday preceding Easter Sunday, there would have been still more business done; but thanks for so many orders being taken in advance, stock was pretty well cleaned up during Sunday morning.

The spring trade started late on account of cold weather, but when the warm weather did come plants sold very well. On Decoration day there were a great amount of bouquets, ready made up, sold in the city of Providence on an advance over the price of former years. This was brought about by the retailers combining and arranging a price which was fair and which allowed them to make a creditable bouquet.

Trade held up well into the summer and our numerous fashionable shore resorts still take care of any good stock to be had. American Beauty and Liberty roses find a better market than in former years and Boston fern is still a great favorite.

The florist business is on the increase in Little Rhody; there is an abundant supply for our own state and still enough of first-class stock left to ship into other states.

Before another year, if material is in reach, we expect to have some additions as well as new places to report.

LOUIS REUTER.
State Vice-President for Rhode Island.

North Carolina.

To the President and Members of the S. A. F. and O. H.:

Only one new point has come to our notice, the Abies Arizonica argentia (silver cork fir), introduced by Pinehurst Nurseries.

The largest increase of glass structures is at Pomona. J. Van Lindley & Co. have added two new houses; one for general stock, 16x84, and one for carnations, 16x216. There is also increase of glass at Raleigh, Wilmington and other points.

There is an increased demand for roses, evergreens and shrubbery, showing a healthy growth of the desire on the part of our people for permanent improvement of their houses. There is also an increased demand for palms, ferns and other stock for house decoration, and a slight decrease in the demand for summer bedding stock.

The demand for cut flowers shows a healthy and steady increase, especially for funeral work. There is call for a better quality of stock. This branch of the business in North Carolina had a long and slow struggle for existence. With a climate that gives flowers outdoors for about ten months in the year, and every home in city, town and village with more or less pretension to a flower garden, it was hard to make people believe that flowers had any money value, but some of us have been sowing seed for the last thirty years and the reaping day has come at last, and others have entered into the harvest and we will all rejoice together.

The struggle for existence amongst our people for the past thirty-five years has very largely prevented much being done in landscape gardening, but our people have met with good success in their business and are now turning their attention to building fine houses and surrounding them with beautiful grounds. The work done at Biltmore, which we will all be privileged to see, has done very much to revive the love for this branch of horticulture. I say revive, because in the old days it was here this work flourished, and we will again take our proper place in the front in gardening out of doors

The extremely dry spring and summer has, we fear, cut short the prospect for a full crop of bulbs. And just here we would say that the desire to get cheap stock on the part of at least some of the wholesale houses at the North has done much to demoralize this branch of the business. Giving contracts to farmers having no knowledge of the work has flooded the market with very inferior stock and has run prices below what really carefully grown bulbs can be produced for. Be careful, gentlemen, or the goose may be killed. And now, lest I weary you, I will close by saying: Welcome to North Carolina, the only state in the Union that can fill every blank sent out by the Department of Agriculture.

JAMES M. LAMB.
Vice-President for North Carolina.

Indiana.

To the President and Members of the S. A. F. and O. H.:

Amount of glass erected this season is 89,000 square feet.

Horticultural events: Meeting of American Carnation Society, Feb. 17 to 20 last.

Progress: This season has proved most remarkable in several respects. First, for general excellence of stock grown; second, for phenomenal amount of business done; third, for unprecedented demand for first-class stuff.

Easter and spring business was the best in the history of the trade.

GEO. B. WIEGAND.
State Vice-President for Indiana.

Iowa.

To the President and Members of the S. A. F. and O. H.:

The reports from a large percentage of the florists, covering nearly all sections of the state, show the past season to have been a prosperous one and averaging better than 1901, the greatest gain being in the cut flower department. The increase in sales, from reports now in, is about 27 per cent., with some advance in prices. There has also been an increased demand for palms and ferns, and bedding plants show some gains, while miscellaneous plants, etc., barely hold their ground. Carnations in the field are generally reported in excellent condition with very little loss from the heavy rains of the past three months. Other growing crops are also in good condition generally.

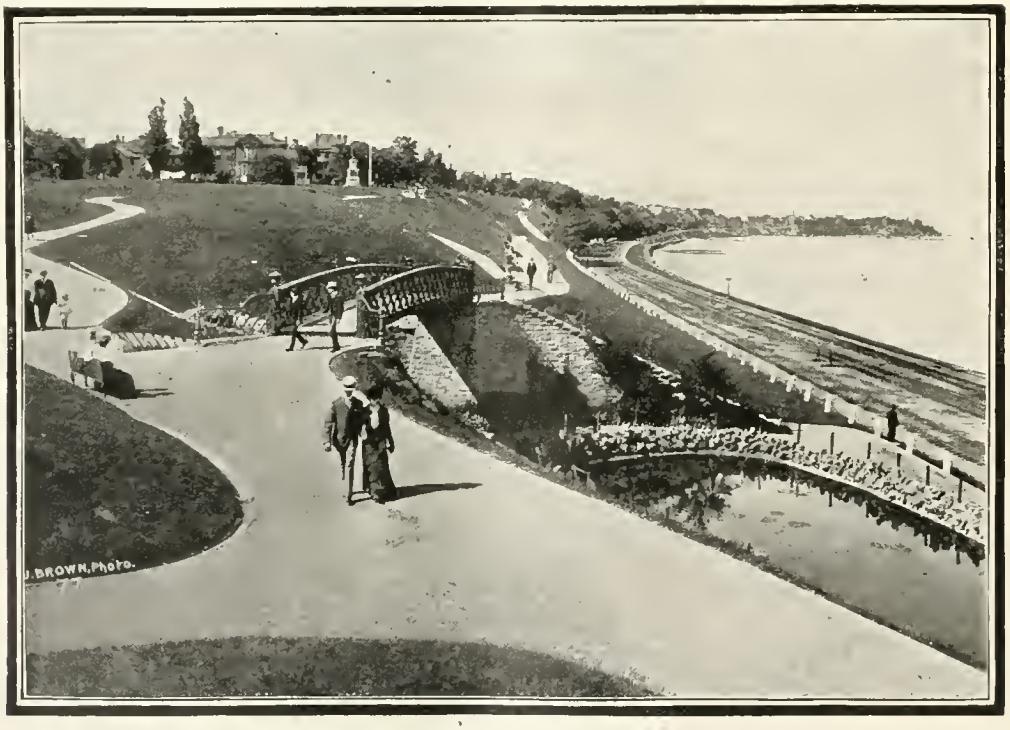
The losses by hail so far are very light, but Bro. Esler will know better about this. The amount of building reported so far is about 100,000 feet of glass, but this will probably be doubled, besides a considerable amount of remodeling and repairing done However, the high price of glass and iron will prevent some from enlarging their plants for the present.

W. A. HARKETT.
State Vice-President for Iowa.

Kentucky.

To the President and Members of the S. A. F. and O. H.:

I herewith submit to you a brief report of the condition of floriculture in Kentucky. To arrive at a reliable knowledge of the trade conditions in our state I mailed a circular letter to every florist establishment in Kentucky whose address I could obtain, asking for all information they could give regarding trade. From the answers received, and from personal observation, it is again my pleasure to report satisfactory conditions in the florists' business generally. Nearly all the retail florists report satisfactory business, with good returns from both cut flowers and plants. The growers seemed pleased with the returns from cut flowers, but think better prices should be obtained for plants, especially blooming stock. As far as I can learn, all the Kentucky members of the S. A. F. have renewed their membership for this year, including one life membership. There has been a limited increase in the interest in the state society, but not nearly as much as should be. This fall there will be held in Louisville a chrysanthemum and floral exhibition under the auspices of the Louisville Business Women's League, but under the management of one of the local florists. While new glass is going up only in limited quantity, many



Juneau Park in Milwaukee, the Convention City Next Year.

Grand Avenue Boulevard in Milwaukee, the Convention City Next Year.

establishments are rebuilding old houses into modern structures.

Trusting that the first convention held in our south will be so successful as to insure future visits, I beg to remain,

AUGUST R. BAUMER.
State Vice-President for Kentucky.

Missouri.

To the President and Members of the S. A. F. and O. H.:

I, as your vice-president of Missouri, am pleased to report a very prosperous year in most of the branches of our trade.

All our local growers, as well as those of our cities and my state have profited by the increased demand and good prices during the whole season. Our retailers, a number of them, report a most successful season, while others are not so well off. In fact, the floricultural business all over our state, from the reports that I have, has been very satisfactory; nearly all of the growers are adding new glass, and this alone shows that the season has been a good one.

I know of nothing that would call for special mention from Missouri; I only regret that I cannot be with you in person, and that not more from our state have joined this society and that the delegation from here is so small, as we would have been pleased to have had a large attendance at the Asheville convention. I trust that you will have an interesting, pleasant and profitable meeting.

CHAS. A. JUENGEL,
State Vice-President for Missouri.

Colorado.

To the President and Members of the S. A. F. and O. H.:

I have the honor to submit the following comments regarding matters of interest to this society in Colorado during the twelve months past.

Trade has been satisfactory in nearly all lines with a moderate increase in the total volume of trade over the year previous, with collections generally good. There has been a noticeable tendency toward a more careful grading which has resulted in better prices and less fluctuation for the best grade. The poorer grades have sold at less prices, and this has probably had something to do with the establishment of two or three concerns dealing almost entirely in the cheaper grades. Spasmodic attempts have been made to establish a street trade by fakirs but without success. One department store has made a persistent effort for several years to sell plants and cut flowers, but without any appreciable effect on the trade of exclusive florists.

The retail trade is becoming more critical each year and the better class of this trade now demands a strictly first-class article. This is especially true in regard to blooming plants, and the quality now produced by the florists of Denver and Colorado Springs will compare favorably with any other section of the country.

The sale of palms and ferns is not what might reasonably be expected, the public showing a lack of appreciation of this class of plants. There has been a noticeable falling off in the demand for ficus and araucaria. Dracaenas and pandanus have never sold in this market to any extent. Owing to climatic conditions which make irrigation necessary, the sale of bedding plants has never been as important as in eastern states. This is especially true as regards window boxes, which are hard to keep looking presentable during the hot, dry summer months, when it is almost impossible to keep down the red spider. Still there has been quite a noticeable increase this year in the call for the more common sorts of bedding plants, such as geraniums, for both lawn planting and window boxes.

The increased demand for shrubs and for hardy herbaceous plants has been very marked. This has been almost altogether from owners of small places, as there are very few private places in this state where extensive planting is done. Probably we will have to wait years for any considerable development in that line, until those who have amassed large fortunes have died and the money has passed into the hands of the younger generation.

The public parks have, in the main, been under able management, and although hampered somewhat by the usual political interference, good results have been obtained and the parks have really been an educational feature creating a demand for plants from private parties.

No very extensive building has been done in the state during the year. N. A. Benson has erected about 20,000 feet in South Denver; Ed. Hubbard, of Boulder, has torn down and rebuilt his place of about the same size, and Wm. Clark, of Colorado Springs, has made some additions to his already extensive place. Several diminutive places have been erected in the mountain towns. In Denver and vicinity there is at present about 400,000 feet of glass devoted to the florist business; at Colorado Springs 150,000 to 200,000, and in the state outside of these two points less than 150,000 more.

The question of the establishment of some sort of a wholesale market in the city of Denver has received considerable attention, but nothing definite has been determined upon. Several attempts have been made in the past to establish a commission house but these attempts have always failed. It is doubtful whether the volume of business will yet justify such a venture. The nearest source of supply from abroad is five hundred miles to the east on the Missouri river with the supply at those points uncertain, and the shipment of a thousand miles from Chicago is attended with many disappointments. The result is that very little in the way of cut flowers is shipped in from outside the state. American Beauties form the only noteworthy exception. The quantity of cut flowers grown has been sufficient to supply the demand in the main all through the year. The trade in blooming plants has reached such proportions that the demand for cut flowers at Christmas and at Easter has been very materially reduced.

Most of the newer varieties of carnations are to be found in the market, but the variety of roses grown is not as large as it is around eastern centers of population. Beauty, Bride, Bridesmaid, Perle, Liberty, Meteor, Wootton and Madam Chatenay have been in the market the past year and this summer's plantings show that Helen Gould will be added to this list the coming season.

There is no state organization of florists, and but few local societies. In Denver The Denver Floral Club is in existence and holds meetings at stated intervals, but the interest shown is not very great. No fall show was held by the society last fall but a spring show was given in the city park with free admission. The attendance was large, but the display of bedding stuff was rather disappointing. In Colorado Springs the El Paso County Horticultural Society is very active and great efforts are made to interest the school children by the distribution of seeds and the offering of suitable prizes. Prizes are also given for the most attractive door yards and lawns and competition for these prizes has been quite active, resulting in a decided benefit to the appearance of the city at large. The state Horticultural Society and State Board of Horticulture are both doing good work, and while their efforts are not directed along the lines of work most directly interesting to the florist, the indirect benefit to the florist trade is considerable.

The distance is so great and so much time and money are consumed in attending the annual meetings of the S. A. F. that the society has not much of a membership in this state and it is doubtful whether this condition of things can be materially changed unless at some future time the society should see fit to establish district conventions for different sections of the country in addition to the annual national convention; and it is doubtful whether the time is ripe for such a move so far as this section is concerned even if it should ultimately be deemed advisable.

J. A. VALENTINE,
State Vice-President for Colorado.

SAYRE, N. Y.—The Lehigh Valley R. R. has leased the greenhouses formerly conducted by Edward Snow and will in future raise the flowers and plants it requires. Wm. Dempsey will be in Charge.

WICHITA, KAN.—W. H. Culp is moving his greenhouses from the corner of Elm street and Lawrence avenue to corner of Elm and Market streets. Iron frames are being used in the new houses.

SPRING CITY, PA.—J. B. Reiff is tearing down his old houses and building large new ones in their place.

SAMUEL S. PENNOCK, Wholesale Florist.

BEAUTIES.

1612 Ludlow St. PHILADELPHIA, PA.

During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.

Mention The Review when you write.

FORT SCOTT, KANS.

Business has been very quiet of late; no funeral work at all for the past few weeks. Roses and carnations are looking splendid for next season. We are getting plenty of rain and outdoor stock doesn't suffer for moisture.

Mr. M. J. Coventry's new crop for the coming season is looking very fine, and he has almost everything on the benches again.

Mr. Postma is very busy repairing the old Patterson place. He has added a 50-foot addition to it, and has his hands full to get things in good shape before cold weather sets in. DUTCH.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A good, steady, industrious man with some experience in propagating bedding plants and vegetable gardening; state wages with board and room. Ludwig Mosbæk, 85th Street, near South Chicago Avenue, South Chicago, Ill.

WANTED—Man to do firing, potting, etc. Room, with or without board. Gift Floral Co., Richmond, Ind.

WANTED—Small second-hand boiler for soft coal, to heat 1000 feet of glass; state size, make and condition. Nemaha Greenhouses, Seneca, Kansas.

SITUATION WANTED—As working foreman on commercial place where first class stock is wanted; 15 years' practical experience; reference. Ed. Wiseman, 1502 Buchanan Avenue St. Joseph, Mo

SITUATION WANTED—By married man with a good reputation, as greenhouse assistant; several years' experience in floriculture; commercial or private. Address, 25, care Florists' Review.

SITUATION WANTED—In or near Pittsburgh; have had 7 years' experience in general greenhouse work; German, age 23. Frank Seibert, Wheeling, W. Va.

SITUATION WANTED—As salesman and designer; 20 years' experience. Thos. C. Rogers, Whitehall, Mich.

FOR SALE—Greenhouse, containing 4000 feet of glass in a lively and growing town in Northern Indiana; a new 6-room dwelling on place. A rare chance for a good florist with small capital. Write for particulars to W. G. Haebich, Auburn, Ind.

FOR SALE—Good 15-horse power boiler; perfect; price reasonable. Staffilinger, Springville, N. Y.

WANTED—A man to work in greenhouses; one who has had some experience and is industrious and strictly temperate, and not a cigarette fiend; will give $25 per month with board and room; should prefer a Swede or American. W. J. Hesser, Plattsmouth, Neb.

WANTED—Man for greenhouse work; carnations, chrysanthemums, etc; wages, $10 per week. Paul Gaertner, West Tuohy Ave., near Western Ave., Rogers Park, Ill.

FOR SALE—One Hitchings boiler, No. 15, and 500 feet of 2½-in. steam pipe, just as good as new. J. Russler, 102 and Butler Sts., Chicago.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Address S. S., care Florists' Review.

FOR SALE—A fine large Marine hot water boiler; perfect condition. Wm. Lee, Bedford, Ohio.

FRESH Mushroom Spawn.

Our celebrated **ENGLISH MILLTRACK** (made by the best maker in England especially for our trade) has earned an enviable reputation among critical growers for its uniform good quality, and can be thoroughly relied on to produce a good crop of the best mushrooms. Per brick (about 1¼ lbs.) 15c, postpaid, 25c; 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; 1000 lbs., $55.00.

JOHNSON & STOKES, 217 and 219 Market St., Philadelphia, Pa.

Mention The Review when you write.

SITUATION WANTED—As helper in greenhouse, am willing to work for living wages until I learn something about the business; I desire a position in the greenhouse as foreman after I become capable of taking charge; or will accept position as working foreman in fruit nursery; can furnish the best of references; situation desired in the North or North-eastern states. Address, with particulars, H. M., care Florists' Review.

WANTED—750 feet 1-inch, and 275 feet 2-inch wrought iron pipe; second hand, but must be good. M. A. Barick, Seymour, Ind.

FOR SALE—At a bargain, A well established greenhouse business, 6 greenhouses, brick walls, hot water heat, plenty of water, good retail and wholesale business, mild climate. Also 9-room dwelling and land. Speak quick if you want a bargain. J. Palmer Gordon, Ashland, Va.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

SITUATION WANTED—In Southern California, by a capable man thoroughly experienced in every department of the florist business. Address W. E. Hearne, 723 E. State Street, Redlands, Cal.

WANTED—A cast iron boiler for hard coal large enough to heat 1100 feet of 4-inch pipe. State size, price and condition. Address N. K., care Florists' Review.

WANTED—Competent storeman must be able to make up and decorate; references required. Central Greenhouses, Sandusky, Ohio.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—A working foreman to take charge of 22,000 square feet of glass where first class roses and carnations are to be grown, also one house of poinsettia; one assistant. State age and wages expected including boarding and washing. Apply to John L. Wyland, De Haven, Pa.

FLORISTS' PLACE FOR SALE.

Two greenhouses, iron construction, covering near 3000 feet of glass; dwelling house and barn, etc.; all in best condition; on New York Bay. Inquire of

F. SCHWEIZER, New Durham, N. J.

Notice of Receiver's Sale.

JOHN G. SIPPEL Vs. ERNEST W. MARLAND. } No. 15510. Madison Circuit Court.

NOTICE is hereby given that the undersigned, William F. Moreland, Receiver in the above entitled cause, will offer for sale at public auction at the Alexandria Greenhouse at No. North Canal Street, in the city of Alexandria, Madison County, State of Indiana, on Tuesday the 2nd day of September, 1902, the lease held by the Alexandria Greenhouse on the premises where the same is situated, and the buildings and all bulbs, flowers and plants and all other things pertaining to and belonging to the said Alexandria Greenhouse, said sale to begin at ten o'clock a. m. Terms cash.

Dated this August 6th, 1902.

W. F. MORELAND, Receiver.

CROUSE & JONES, Attys. for Plff.

Mention The Review when you write.

GEORGE M. MOSS,

WHOLESALE FLORIST,

Beauties, Brides, Maids, Carnations, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

Mention The Review when you write.

EDWARD REID

WHOLESALE FLORIST.

Valley and all seasonable summer flowers.

1526 Ransfead Street, PHILADELPHIA.

Store closes at 6:30 P. M. Saturday 1 P. M.

Long Distance Telephone.

Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

Mention The Review when you write.

GROWERS

wishing good field-grown Carnations of the following varieties: Joost, Crocker, Duke of York, Scott Cartledge and a fine Red Seedling, write at once to—

EUGENE BERNHEIMER,

WHOLESALE FLORIST,

11 S. 16th Street, PHILADELPHIA, PA.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

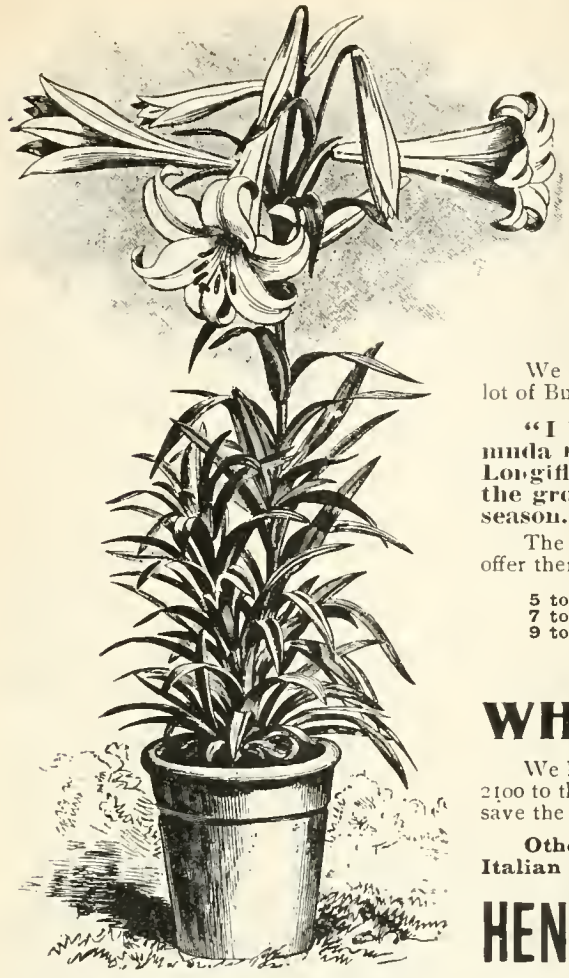
Mention The Review when you write.

WANTED.

October 1st, competent and reliable man to take charge of a retail flower store in Colorado. Must be experienced and thoroughly understand the business, especially designing and decorating. Give experience, references and salary expected. Only an A-No.-1 man can hold the place. Address Colorado, care Florists' Review.

For Sale at a Bargain

Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address F. S., care Florists' Review.



EXTRA CHOICE

Lilium Harrisii

(Bermuda Easter Lily.)

We have received from one of the most careful growers in Bermuda a grand lot of Bulbs. He writes us regarding the same as follows:

"I believe these Bulbs to be the very best stock leaving Bermuda this or any previous season, perfectly free from disease, no Longiflorum mixed with them and worth 50 per cent. more to the growers than nine-tenths of the stock leaving the colony this season."

The appearance of the Bulbs fully warrant the above strong statement. We offer them as under:

	Per 100	Per Case	Per 1000
5 to 7-inch, packed 400 in a case.....	$ 4 75	$18 00	$ 45 00
7 to 9 " " 200 "	11 00	20.00	100 00
9 to 11 " " 100 "	20 00	20.00	90.00

As the lot is not very large it would be well to order early.

WHITE ROMAN HYACINTHS.

We have a good supply of the popular 12 to 15 centimeter Bulbs (packed 2100 to the case), price **$24.00** per 1000. This price will be advanced shortly; save the difference by ordering now.

Other bulbs now ready—Pink and Blue Roman Hyacinths, White Italian Hyacinths, Freesias, Alliums, Narcissus Paper White, etc., etc.

HENRY A. DREER, 714 Chestnut St., ...PHILADELPHIA, PA.

J. A. PETERSON,

WESTWOOD, CINCINNATI, O.

SPECIALIST IN

Begonia Lorraine, Pandanus Veitchii, Fine Cyclamen.

Mention The Review when you write.

KANSAS CITY, MO.

A destructive wind storm visited this place on the morning of the 10th. Not much loss resulted to the florists from broken glass, but the damage to the trees in the parks was heavy.

Most of the carnations in this locality have been planted, and the places are being sticked up for the winter's business. Eastern growers will have to look for competition from Kansas City that will give them something to think about when they go into the all-American flower show this fall, for at least two of the growers here, Murray and Barbe, have fine stock that at present gives every indication of being in it when the premiums are distributed.

Barbe is adding a new house for carnations. He is building a new 70-foot smokestack, his old one not having capacity enough to take care of the plant.

Rock is building a conservatory at his store on Walnut street. This will give him a much needed place to handle his palms, etc. He is also putting in the fine refrigerator formerly in the Eleventh street store.

The Midland Hotel is keeping up with eastern ideas, and has each window of its cafe filled with boxes of plants.

JOHN H. VESEY.

ONE QUARTER NATURAL SIZE.

Asparagus Sprengeri

10,000 FIELD-GROWN.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot grown stock.

$4.00, $6.00 and $8.00 per 100

According to size

Nathan Smith & Son,

Adrian, Mich.

Mention The Review when you write.

VIOLETS, Imperial, M. Louise, Swanley White, from 3-in., $3.75 per 100: $35.00 per 1000.

SMILAX, 3-inch, $3.00 per 100; $20.00 per 1000.

CARNATIONS. Bradt, Flora Hill, White Cloud, Morning Glory, Crane, Mme. Chapman, Genevieve Lord, Norway, White Daybreak, Daybreak and Glacier. Write for prices.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers

BOSTON AND RETURN, $19, via the Wabash.

On account of the meeting of the Brotherhood of St. Andrew the Wabash road will sell excursion tickets from Chicago to Boston, October 7 to 11, at one fare ($19.00) for the round trip. By deposit and payment of 50 cents the limit may be extended to Nov. 12. Write for maps and time-tables. F. A. Palmer, A. G. P. A., 97 Adams street, Chicago, Ill.

Always mention the Florists' Review when writing advertisers.

SHRUBS FOR A HEDGE.

Please give a list of hardy shrubs suitable for a hedge 100 feet long between two city lots, said hedge to be composed of as many kinds of shrubs as possible and having a long season of bloom, harmonizing colors and white. H. W.

A hedge, properly speaking, should be composed of but one kind of shrub or evergreen; if the latter, either Norway spruce, American arbor-vitæ or hemlock spruce. If of deciduous shrubs, the California or English privet is ofttimes seen, but there are other shrubs that make a fine hedge. Pyrus Japonica and Spiræa Thunbergii are both excellent. There is much to be said both for and against hedges. Where a fence is a necessity then surely a well-kept hedge is far more sightly than either wood, iron, or brick, but a hedge should not be planted just for the sake of appearance.

It is evident that H. W. does not want a hedge proper, but more what should be called a belt of shrubs. If a single line of shrubs is intended to be planted in a straight line 100 feet long by all means let them be of one kind. A mixture in a single straight line would look absurd. If a variety is desired, then let the line consist of one shrub in some spots and in others let them be two or three deep; break up the line as much as possible. At the rear or on your neighbor's side the line can be straight, but on your side let it be as informal as possible.

The variety, both of genera and species, of hardy flowering and ornamental leaved shrubs, is fortunately very large. The following twenty-five omits many beautiful kinds, yet it includes those that should be in every collection. I have not given height, because height of shrubs is a fallacy. You must control height by the annual pruning.

Spiraea Anthony Waterer, deep red.
Althea, double flowering.
Viburnum plicatum, white, purple fruit.
Pyrus (Cydonia) Japonica, red.
Elaeagnus longipes, red fruit.
Hydrangea pan. grandiflora, white.
Lilac, Persian, purple.
Purple fringe, smoke tree.
Spiraea Van Houttei, white.
Cornus elegantissima, var. foliage.
Deutzia crenata, white and pink.
Elder, golden, fine yellow foliage.
Forsythia Fortunei, yellow.
Honeysuckle tartarica, pink and white.
Prunus Pissardii, fine purple foliage.
Symphoricarpus racemosus, pink flower, white fruit.
Mahonia Aquifolia, yellow flower, and this is a true evergreen.
Berberis Thunbergii, dwarf, spreading, most suitable for prominent points.
Weigelia rosea.
Tamarix Africana, very ornamental foliage.
Rosa rugosa.
Ribes (currant) flore plena, crimson flowers.
Syringa coronarius, white.
Xanthoceras sorbifolia, white and pink.
Barbery, purple leaved.

I have not included in the above short list the glorious rhododendrons, kalmia, azalea or any of the ericaceous shrubs, because they are a dead failure with us, but I believe that in the vicinity from which H. W. writes they will thrive. If so, by all means plant them.

William Scott.

CORRECTION.

In the classified adv. of Mr. Chas. D. Ball under the heading palms a typographical error made him offer 2½-inch Kentia Belmoreana at $4.00 per 100, when it should have read $12.00. The adv. is correctly printed in this week's issue.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
P. P. BENTHEY, Manager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
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WHOLESALE GROWER OF Cut Flowers,
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GREENHOUSES, ROGERS PARK, ILL.
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437-439 Main St., CINCINNATI, O. Wholesale Florists.
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Special Attention given to Shipping Orders.
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Michigan Headquarters
for Fancy Ferns. $1.00 per 1000. Discount on large orders. Bronze Galax, $1.00 per 1000.
Give us Trial Order.
MICHIGAN CUT FLOWER EXCHANGE
WM. DILGER, Manager.
26 Miami Avenue, DETROIT, MICH.
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Extra Fine Valley
During the Summer
$4.00 to $5.00 per 1□0
H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.
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WHOLESALE GROWERS AND SHIPPERS OF

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McKELLAR & WINTERSON CO.

Supply Everything Used by Florists, Nurserymen, Gardeners, Seedsmen..... Cemeteries, Parks, etc.

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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WHOLESALE FLORIST,

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CONSIGNMENTS SOLICITED

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GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave, KANSAS CITY, MO.

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MILWAUKEE, - WIS.

HARDY CUT DAGGER and FANCY FERNS

A-No. 1 quality, $1.00 a 1000.

Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.

Orders by mail, telephone or telegraph promptly attended to. Discount on large orders. L. D. Telephone 2618 Main.

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32, 34 & 36 Court Square, BOSTON, Mass.

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Ball's Palms!

Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.

Send Orders Early. I will ship them when wanted.

KENTIA BELMOREANA. 2½ in. pots at $12.00; 3-in. at $15.00 and $20.00 per 100; 4-in. at 30c and 40c; 5-in. at 75c; 6-in. at $1.00 and $1.25; 7-in. at $1.50; 8-in. at $2.00 each. Several strong plants in a pot, bushy, 6-in. at $1.00; 8-in. at $2.00 and $2.50; 9-in. at $3.00; 10-in. at $4.00, $5.00, $6.00 and $7.50.

KENTIA FORSTERIANA. 2½-in. pots at $12.00; 3-in. at $15.00 and $20.00 per 100; 4-in. 30c and 40c; 6-in. at 75c. Several strong plants in a pot, bushy, 6-in. at $1.00; 8-in. at $2.00 and $3.00.

ARECA LUTESCENS. 2½-in. pots at $6.00; 3-in. at $10.00; 4-in. at $17.50 per 100. Several in a pot, very bushy, 6-in. at 50c, 75c and $1.00; 8-in. at $2.00 and $3.00; 10-in. at $4.00 and $5.00; 12-in. at $7.50.

LATANIA BORBONICA. 2½-in. at $4.00; 3-in. at $8.00 per 100; 4-in. strong at 25c; 6-in. at 50c; 8-in. at $1.50.

PHOENIX CANARIENSIS. 8-in. pots at $2.00 and $2.50; 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.

ARAUCARIA EXCELSA. 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.

ARAUCARIA ROBUSTA COMPACTA. 16 to 18-in. high, 3 to 4 tiers, at $2.00; 18 to 20-in. high, 4 tiers, $2.50.

PANDANUS VEITCHII. 6-in. at $1.00.

PANDANUS UTILIS. 4-in. at 20c; 6-in. at 50c and 75c; 8-in. at $1.00.

COCOS WEDDELIANA, FICUS ELASTICA, DRACAENA SANDERIANA, Etc.

Descriptive Price List on Application.

CHAS. D. BALL,

HOLMESBURG, PHILADELPHIA, PA.

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Asparagus Plumosus

Strong plants from 2-inch pots, $4.00 per 100; $30.00 per 1000.

Carnations

30,000 strong healthy field-grown plants ready for planting now.

	Per 100	Per 1000
Bradt	$8.00	$70.00
Marquis	6.00	50.00
White Cloud	6.00	50.00
Flora Hill	6.00	50.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00
Pingree	6.00	
Gold Nugget	6.00	

250 of one variety at 1000 rate.

ROSES Fine, strong 4-in. pot plants of Ivory, $15.00 per 100.

5,000 ENGLISH IVY Strong plants in 3-in. pots, $5.00 per 100; $35.00 per 1000.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

CARNATIONS from the Field. Fine, strong, healthy plants, grown on high ground.

300 Prosperity, 200 Lorna, $10.00 per 100; 2500 Lawson; 600 Genevieve Lord; 2000 White Cloud; 500 Norway; 200 Triumph; 600 Glacier; 1500 Morning Glory; 325 America; 1200 Joost; 300 Marquis; 600 Crane; 200 Maceo; 150 Irene; 150 Gomez; first size, $8.00 per 100; second size, $5.00 per 100.

ROSES — Bride and Bridesmaid, 2½-inch rose pots, $3.00 per 100. Meteor, 3-inch, $3.50 per 100. Golden Gate and Kaiserin, 4-inch, $8.00 per 100.

SPRENGERI—4-inch, $10.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, Ft. Wayne, Ind.

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Vegetable ....Plants

CABBAGE—Early Jersey Wakefield, Charleston Wakefield, Henderson's Succession, Burpee's Early All Head, Early Summer, Early Flat Dutch, Louisville Extra Drumhead, Autumn King, Hollander, Lupton, Late Flat Dutch, World Beater, Burpee's Sure Head, Premium Flat Dutch, Late Drumhead, Mammoth Rock Red, and Drumhead Savoy. Field grown, 15 cents per 100; $1.00 per 1000; $8.50 per 10,000; $75.00 per 100,000.

KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

CELERY — Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

CHRISTMAS FLOWERING Sweet Peas

MISS FL. E. DENZER, large pure white flower. 1 pkt., containing 2 ozs. of seed, **$1.50.** 8 pkts., containing 1 lb. of seed, **$10.00.** Mailed free.

ZVOLANEK'S CHRISTMAS, the well known pink and white, 1 lb., **$4.00.**

Both varieties, if sown first part of September, start to blooming in November and flower all winter till June.

Also **MONT BLANC** (European) **$2.00** per lb., and all other select florists' Sweet Pea Seed at low prices.

ANT. C. ZVOLANEK,

GRAND VIEW, N. J.

Charles Millang, 50 W. 29th St. NEW YORK.

O ye! our buyers here in gay Manhattan,
And you, our shippers true, whose purse we fatten!
Remember, Lilies;—South, North, East and West—
Seem all to know the man who sells them best;
And still this song the Lilies sing—Long live Millang, the "Lily King."

All Kinds of Flowers and plenty of them.

Reasonable Prices Square Dealing. Out-of-town florists promptly attended to.
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

HEATING.

I have two houses, which I wish to heat with steam. They run east and west, opening from each side of shed or boiler room.

Number 1 is 22x145 feet, no glass except on roof; is three-quarter span; north side, 6 feet high; south side, 4 feet; north bars are 7 feet; south bars are 17 feet 6 inches.

Number 2 is 30x125 feet, 6-foot walls; north bars are 15 feet 10 inches; south bars are 19 feet 10 inches; one row of 24-inch glass in south wall and glass in one end.

Number 1 is 3 feet lower to ground line than number 2, as the ground slopes as you go east. All the pipes in both to go on the walls and on the purlin supports, as I shall use brick and tile benches. I wish to use a tubular boiler, and to have the house heated to a temperature of 60 degrees. How many pipes will it take, and can I use 2-inch for the flows, as I have a great deal of it in good order? LOCKPORT.

In reply to Lockport's inquiry, for the heating of house No. 1, which is 22 feet wide and contains about 24½ feet of glass across the roof, two 2-inch flows and nine 1-inch returns will answer, or two 2-inch flows and six 1¼-inch returns. For house No. 2, which is 30 feet wide, having about 37 feet of glass across the roof and one side, three 2-inch flows and fifteen 1-inch returns will be needed, or three 2-inch flows and ten 1¼-inch returns, to readily maintain a temperature of 60 degrees. A 20 horse power tubular boiler would have sufficient capacity for the above work.

New York. HENRY W. GIBBONS.

CATALOGUES AND PRICE LISTS.

Benj. Hammond, Fishkill-on-Hudson, N. Y., Hammond's slug-shot and Twemlow's Old English glazing putty; Pinehurst Nurseries, Pinehurst, N. C., descriptive catalogue of seeds of American conifers, trees, shrubs, cacti, palms and herbaceous plants; Giblin & Co., Utica N. Y., steam and hot water heating apparatus; New York Market Gardeners' Assn., Box 1423, New York city, wholesale trade price list of seeds, bulbs, roots and plants for forcing and outside planting; Ernst Riemschneider, Altona-Hamburg, Germany, bulbs, seeds, plants, etc.

CORRECTION.

In the advertisement of E. H. Hunt on page 370 of last issue and page 347 of the week before an unfortunate error was made through which 100 seeds of their Cyclamen persicum giganteum grandiflora were offered for 50 cents, when it should have read 50 seeds for that price, and not 100. The adv. is printed correctly in this week's issue.

ANDERSON, IND.—Steps are being taken to assure the city of an adequate park system.

HEADQUARTERS FOR NOVELTIES
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

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THE PIONEER HOUSE of the Cut-Flower Commission Business.
Open every day at 6 a. m.
Always "on deck"
Your business interests never neglected.
J. K. ALLEN
WHOLESALE FLORIST,
106 W. 28th Street, Tel. No. 168 Madison Sq. NEW YORK CITY
We ship all over the U. S.
Out-of-town florists telegraph your needs.
Consignments of first class flowers always realize with us the best market prices.
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ALEX. J. GUTTMAN,
Wholesale Florist.
No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.
Telephone No. 1738 Madison Sq.
52 W. 29th St., NEW YORK CITY.
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MOORE, HENTZ & NASH,
Wholesale Florists,
55-57 West 26th St., New York.
SHIPPING ON COMMISSION.
Tel. 2034 and 2239 Madison Square.
Mention The Review when you write.

Geo. Saltford,
WHOLESALE FLORIST,
48 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
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HARDY CUT
FANCY AND DAGGER FERNS
Mossea, Laurel, Bonquet Evergreen, Featooning, Wreaths, Hemlock and Spruce Boughs.
H. J SMITH, P. O. Box 181 Hinsdale, Mass.
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YOU WILL FIND **ALL** THE BEST OFFERS **ALL** the time in the Review's Classified Advs.

J. AUSTIN SHAW,
EASTERN REPRESENTATIVE OF THE
Florists' Review.
OFFICE:
2688 Bdy., NEW YORK CITY.

BURBANK'S
Shasta Daisy.
New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $18.00 per oz.

Pansy Giant Mixed, $1.00 per oz.; $10.00 per lb.
Asparagus Sprengeri, $1 50 per 1000 seeds.
PLANTS.
Shasta Daisy, 2-in., $10.00 per 100; 3½-in., $15.00 per 100. Asparagus Pl. Nanus, 2½-in., $3.00 per 100; $25.00 per 1000; 3½-in., extra fine, $5.00 per 100; $40.00 per 1000. Calla Bulbs, 1st size, $4 00 per 100; 250 at 1000 rate. Express prepaid.
California Carnation Co, Loomis, Cal, U.S.A.
Mention The Review when you write.

ZIRNGIEBEL
GIANT PANSIES.
Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.
DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Always mention the Florists' Review when writing advertisers.

FIELD-GROWN CARNATIONS

FINE, STRONG, HEALTHY PLANTS.

	Per 100	Per 1000
Lawson	$7.00	$60 00
Bradt	7.00	60.00
Crane	5.00	45.00
Morning Glory	5.00	45.00
Mrs. L. Ine	5.00	45.00
Marquis	4.00	35.00
White Cloud	4.00	35.00
Prosperity	4.00	35.00
Norway	4.00	35.00
Genevieve Lord	4.00	35.00
Joost	4.00	35.00
America	4.00	35.00
Triumph	4.00	35.00
Hoosier Maid	4.00	35.00

PETER REINBERG

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

25,000 STRONG, HEALTHY, FIELD-GROWN CARNATION PLANTS.

	Per 100		Per 100
Marquis	$6 00	Argyle	$4.00
Joost	5.00	Armazindy	4.00

Pyache.....$3.00 per 100.

JOHN BAUSCHER, Jr.,

FREEPORT, ILL.

Mention The Review when you write.

CARNATION PLANTS.

Strong, Healthy Plants.

Flora Hill, G. Lord, E. Crocker, Queen Louise, White Cloud, $4.50 per 100.

ASPARAGUS PLUMOSUS, fine strong 3-in. plants, ready for a shift, $6.00 per 100.

Van Wert Greenhouses, VAN WERT, OHIO.

Mention The Review when you write.

Carnations.

Field-grown, as fine plants as you ever saw.

Mrs. Thos. W. Lawson	$7 00 per 100;	$60.00 per 1000
E. Crocker	5 00 "	45.00 "
Jubilee	4.00 "	35.00 "
Wm. Scott	4.00 "	35.00 "
Genevieve Lord	4 00 "	35 00 "
Flora Hill	5.00 "	45.00 "

SMILAX, fine strong 2-inch, $1.50 per 100; $13 00 per 1000.

S. T. DANLEY,.....MACOMB, ILL.

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Always Mention the.... Florists' Review When Writing Advertiser

100,000 Field-Grown Carnation Plants.

Nearly all the choice new and old varieties.

Send your list. Send for Prices.

J. L. DILLON, Bloomsburg, Pa.

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CARNATIONS!

Field-Grown Plants.	Doz.	100
Cressbrook (early propagated), 1st	$3.00	$15.00
" " 2d	2 50	12.00
Fair Maid	2 50	12 00
Floriana	1.50	8 00
Norway, extra	1.50	10 00
Genevieve Lord	1.50	8.00
Prosperity	.50	10 00
Egypt	1.00	7.00
Mermaid	1.00	6 00
Lawson	1 50	8.00

The above are all in good shape, ready for immediate shipment. 25 plants of one variety at 100 rate.

CHRYSANTHEMUMS.

We still have some nice thrifty young stock which we offer at $2.50 per 100, our selection. For list, see issue of August 21.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Cressbrook Carnations

From Field, nice, strong plants.

$10.00 per 100.
$75.00 per 1000.

Order Early, as I have only a few thousand left.

C. WARBURTON.

FALL RIVER, MASS.

Mention The Review when you write.

CARNATIONS

Strong, field-grown plants.

"Goodenough"

the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00 per	100
MACEO	5.00	"
SCOTT	5 00	"
WHITE CLOUD	5.00	"

Write for prices on large lots.

SIDNEY LITTLEFIELD,

NORTH ABINGTON, MASS.

Mention The Review when you write.

FIELD-GROWN

Carnation Plants!

FOR IMMEDIATE PLANTING.

FRANCES JOOST, ETHEL CROCKER, FLORA HILL, G. H CRANE.

Send for samples and prices.

JOHN WOLF, - Savannah, Ga.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

EXTRA FINE FIELD-GROWN

Carnation Plants.

1000 Thos. W. Lawson	$8 00	per 100.
1500 WM. Scott	5.00	"
1500 Flora Hill	5.00	"
2000 Ethel Crocker	5.00	"
500 G. H. Crane	5.00	"
300 Mrs Bradt	6 00	"
300 Gen. Maceo	6.00	"
300 Norway	6.00	"
1000 Mrs. Joost	6.00	"

LEO NIESSEN

WHOLESALE FLORIST,

N. W. Cor. 13th and Filbert Streets,

PHILADELPHIA, PA.

Mention The Review when you write.

Over 20,000 Healthy, Strong Field Grown CARNATIONS.

Gov Wolcott	$16.00 per 100
Prosperity	10.00 "
Lawson	8.00 "
Morning Glory	6.00 "
Maceo	6.00 "
Foster	5.00 "
Gomez	6.00 "
Queen Louise	10.00 "
Norway	8.00 "
Egypt	10.00 "
Flora Hill	6 00 "
Crane	6.00
Joost	5.00

DISCOUNT BY THE 1000. CASH PLEASE.

C. L. HOWE, Dover, N. H.

Mention The Review when you write.

10,000 Strong, Healthy Field-grown CARNATION PLANTS

Ready for planting. Can send either by Adams or United States Express.

	100	1000		100	1000
Crocker	$4.00	$25 00	Scott	$4 00	$25 00
Norway	5 00	30.00	White Cloud	4.00	25.00
Joost	5.00	35 00	Melba	4 00	25.00
Excelsior	4 00	25.00	250 at 10 0 rate.		

Money Order with order.

WM E. FOWLER & CO., Bellevue, New Castle Co., Delaware.

Mention The Review when you write.

Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L. I.

Mention The Review when you write.

ALL THE BEST CARNATIONS

Orders Booked Now for Fall Delivery.

SEND FOR PRICES.

Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, strong plants out of 2-in. pots, $3.00 per 100; 3-in. pots, $6.00 per 100. Elegant plants to get your stock from. Cash with order. A. L. Miller, Jamaica Ave., opp. Schenck Ave., Brooklyn, N. Y.

ADIANTUMS.

Adiantum Roenbeckia, stroog; for 6 or 7-in. pots, from bench, $25.00 100.
H. A. Jahn, New Bedford, Mass.

ALYSSUM.

3500 Giant dbl. alyssum, 3-in. pots, extra fine, bushy, $3.00 100, $25.00 1000. 250 at 1000 rate. Cash with order, please.
E. J. Cloud, Avondale, Pa.

Giant dbl. alyssum, 2¼-in. $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

AQUATICS.

Aquatic plants suitable for ponds and aquariums. Send for catalogue of plants, fish and birds. Edw. S. Schmid, 712 12th St., N. W., Washington, D. C.

ARAUCARIAS.

We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Araucaria excelsa, A. excelsa glauca and A. robusta compacta in all sizes. Fine plants, low price. Bobbink & Atkins, Rutherford, N. J.

ARAUCARIAS, all sizes.
Send for PALM catalogue.
C. C. POLLWORTH CO., MILWAUKEE, Wis.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
Julius Roehrs, Rutherford, N. J.

ASPARAGUS.

Asparagus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100. NATHAN SMITH & SON, Adrian, Mich.

Asparagus Sprengeri, 2½-inch...$4.00 per 100
Asparagus Sprengeri, 3-inch..... 6.00 per 100
Asparagus plumosus nanus, 2½-inch 5.00 per 100
Asparagus plumosus nanus, 3-inch.. 7.00 per 100
VICK & HILL CO., Rochester, N. Y.

10,000 Asparagus plumosus. Bright, clean stock, 2½-in., $3.00 per 100. Asparagus Sprengeri, $2.00 per 100. Satisfaction guaranteed or your money back. C. F. Baker & Son, Utica, N. Y.

ASPARAGUS SPRENGERI.
3½-inch, large, strong plants..... 7c.
4-inch, large, strong plants.....10c.
5-inch, large, strong plants.....20c.
C. C. POLLWORTH CO., MILWAUKEE, Wis.

Asparagus Sprengeri, strong 4½-in. $10.00 100; 5-in. $15.00 100; extra strong 8-in., growing in field, fine for winter cutting, $35.00 100. S. Muir, 3530 Mich. Ave., Chicago.

Asparagus Sprengeri, 2-in., $2.00 100; from seed bed, $1.00 100. A. plumosus, 2¼-in., strong, $3.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus. 425 fine stocky 3½-in. plants at $6.00 per 100, or $24.00 for the lot Cash with order. Rosemont Garden, Montgomery, Ala.

Asparagus Sprengeri, year in and year out, 50c per bunch. A. plumosus nanus, all the year round, 50c per string.
A. N. PIERSON, Cromwell, Conn.

Asparagus Sprengeri, very bushy, 2¼-in. $1.75. Plumosus, extra strong, 2¼-in. $3.50. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

5000 A Sprengeri, 2 to 6-in., and 5000 A. plumosus, 2 to 5-in. Let us hear from you. Geo. A. Kuhl, Pekin, Ill.

75 4-year-old Asparagus plumosus roots, 12½c each. Cash with order. H. P. Owen, Toughkenamon, Pa.

500 XX 3-in. Sprengeri. To make room quick—price low. Write Roney Bros., West Grove, Pa.

A. plumosus, strong 3-in., ready to shift, $6.00 100. Van Wert Greenhouses, Van Wert, Ohio.

Asparagus Sprengeri, strong plants, 4-in., $8.00, 2-in. $2.00 per 100. A. Schmitt, Glenville, Ohio.

10000 A. Sprengeri, extra strong 2¼-in., $1.50 100; 2½-in., $2.50 100.
BUCKLEY PLANT CO., Springfield, Ill.

A. plumosus nanus, 2½ in. $3.00 100, $25.00 1000; 3½-in., very fine, $5.00 100, $40.00 1000.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, 2-in. $2.00 100. A. plumosus, 2-in. $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, strong plants 2½-in. ready for 3-in., $3.00 100.
H. B. Campbell, Davenport, Iowa.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Field-grown Sprengeri. Nice clumps at $3.00 and $5.00 per 100.
C. Winterich, Defiance, Ohio.

Asparagus Sprengeri, 2½-in. pots, strong, $2.50 100. Cash with order, please.
E. J. Cloud, Avondale, Pa.

Asparagus comorensis, strong-grown, 3½-in. plants. JOY & SON CO., Nashville, Tenn.

2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus Sprengeri, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

A. Sprengeri, 4-in., $10.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus, 3-in., $5.00 100.
Albert M. Herr, Lancaster, Pa.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

AZALEAS.

AZALEA INDICA, $15.00 to $50.00 1000, at nurseries in Belgium. Also Palms, Araucarias, and Bay Trees. C. H. Joosten, Importer, 178 Chambers St., New York.

BAY TREES.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

New Begonia, Gloire de Lorraine, 800 on hand. 2½-in. good, clean and perfectly healthy stock, $12.00 per 100, to close out. Cash with order. Henry T. Conant & Co., 133½ Essex St., Salem, Mass.

Rex begonias, fine plants ready to pot up, 2-in. $4.00 100; 3-in. $5.00 100. N. O. Caswell, Delavan, Ill.

Rex begonias, 3-inch, nice collection, $6.00 100.
VICK & HILL CO., Rochester, N. Y.

Begonias, Pink Vernon, good stock, 4-in., $8.00 100. Hull Floral Co., Morris, Ill.

BOUVARDIAS.

Bouvardias rosea multiflora and A. Neuner, fine, bushy, field-grown, $8.00 100.
S. S. Peckham, Fairhaven, Mass.

BULBS.

Freesias now ready. ⅜ inch and up in diameter, at $2.00 per 1000, delivered anywhere in United States. Calla Bulbs, 1 to 1½ inches in diameter, $3.25 per 100, delivered anywhere in the United States. For large quantities write for prices. Orders from unknown correspondents must be accompanied with cash. Remember these prices include delivery.
GERMAIN SEED AND PLANT CO., Los Angeles, Cal.

Narcissus and Daffodils, Guernsey Lilies, Arum Lilies and Belladonna bulbs at moderate prices.
A. J. Collas, Paradise Vineries, Guernsey, Channel Islands.

Surplus stock of LIL. HARRISII. Guaranteed sound, clean stock.

	100	1000
5 x7 in. case of 400	$4.00	$35.00
5½x7 in. case of 350	4.50	40.00
7 x9 in. case of 200	9.50	90.00

Case lots at 1000 rate. Don't miss this chance.

FRENCH ROMAN HYACINTHS, very scarce.

	12	100	1000
11x13 cms.	$0.30	$2.00	$18.00
11x15 cms.	.40	2.50	22.00
12x15 cms.	.45	2.60	24.00
13x15 cms.	.50	2.75	26.00

NARCISSUS. Paper white (true grandif.), 13 cm. up, 20c doz., $1.00 100, $8.00 1000. Trumpet major, earliest forcing, French stock, 20c doz., $1.00 100, $9.00 1000.

FREESIAS. Our well-known pure white California stock.

	12	100	1000
¾ to ½ in.	$0.05	$0.40	$3.00
½ to ¾ in.	.10	.60	5.00

BERMUDA BUTTERCUP OXALIS, 15c doz., 75c 100, $6.00 1000; extra large, 20c doz., $1.00 100, $8.00 1000.

ALLIUM NEAPOLITANUM, favorite for forcing, 10c doz., 50c 100, $4.00 1000.

CALLA ETHIOPICA, goodiseased, reliable stock.

	12	100	1000
3x5 in. circ.	$0.60	$4.00	$35.00
4x6 in. circ.	.75	5.50	50.00
5x7 in. circ.	1.00	7.50	70.00
Monster	1.50	10.00	

CYCLAMEN Persicum Giganteum, brilliant rose, rose with red eye, crimson, white, 1½ to 3 in. diam., $1.00 doz., $7.00 100

LILIUM CANDIDUM. (St. Joseph's lily.) We have the northern-grown stock, thick-petalled, substantial stock.

	12	100	1000
1st size, 22 cms. up	$0.75	$5.00	$45.00
2nd size, 20 cms. up	.60	4.00	40.00

H. H. BERGER & CO., 47 Barclay St., New York.

LILIUM HARRISII, extra choice bulbs.

	100 Case.	100	1000
5x7-in. case 400	$ 4.75	$18.00	$ 45.00
7x9-in. case 200	11.00	20.00	100.00
9x11-in case 100	20.00	20.00	190.00

As the lot is not very large, it would be well to order early.

WHITE ROMAN HYACINTHS, 12 to 15 cms., (packed 2100 to the case), $24.00 per 1000. This price will be advanced shortly.

Other bulbs now ready—pink and blue Roman Hyacinths, white Italian Hyacinths, Freesias, Allinms, Narcissus, paper white, etc.
HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

HOLLAND HYACINTHS, large bulbs for forcing and bedding, equal quantities of red, white, blue, $20.00 1000; all colors, mixed, $18.00 1000.

TULIPS, extra fine mixture, $5.50 1000; separate colors, white yellow, striped red, etc., $6.00 to $8.00 1000.

NARCISSUS, double and single, fine mixture, $7.00 1000.

CROCUS, separate colors, $2.00 1000; mixed, $1.50 1000.

For less than 500 add 10 per cent. Other bulbs and plants cheap.
C. H. JOOSTEN, Importer, 178 Chambers St., New York.

	100	1000
White Roman Hyacinths, 12-15 cms.	$2.50	$23.00
Paper White Grandiflora Narcissus.	1.00	8.50
Freesias (California grown) ½ inch and over	.10c per doz. .60	5.00

Selected White Callas 1¼-1½ inches in diameter, 75c per doz.; $5.00 per 100; 1½-2 inches in diameter, $1.00 per doz.; $6.00 per 100. 1¾-2½ inches in diameter, $1.50 per doz.; $10.00 per 100.

Send us your order for Dutch Hyacinths, Tulips, Narcissus, etc.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Lilium Harrisii, 5-7 $45.00 1000; 7-9 $100.00 1000. Lilium longiflorum, Bermuda-grown, prices same as Harrisii; Japan-grown, retarded, f. o. b. lichouse New York, 6-8 $35.00 1000, 7-9 $50.00 1000, 9-10 $75.00 1000. Roman hyacinths in fine condition, 12x15 $25.00 100. Narcissus, paper white grandi., 13 and up (mammoth), $9.00 1000. Freesia refracta alba, mammoth bulbs, $7.50 100.

Prices on all other bulbs and plants cheerfully given.
F. W. O. SCHMITZ, Prince Bay, N. Y.

LILIUM HARRISII, fine bulbs, 5-7 inch, $5.00 100, $47.50 1000; 7-9 inch, $11.00 100, 200 for $20.00. WHITE ROMAN HYACINTHS, $2.60 100, $23.00 1000. Send in your list of Dutch bulbs to be priced.
A. C. BROWN, Springfield, Ill.

MICHELL'S special brand of Lilium Harrisii, claimed by the grower to be 90 per cent free from disease. 5x7, $5.00 100, $47.50 1000; case of 400 at 1000 rate. 7x9 $11.00 100, $10.00 1000; case of 200 at 1000 rate.

Our regular brand of Lilium Harrisii, equal if not superior to bulbs offered by other firms. Sold in original cases only; 5x7, one case, 400 bulbs, $17.00; 3 cases, 1200 bulbs, $48.00.

Send for wholesale seed and bulb catalog.

H. F. Michell, 1018 Market St., Philadelphia, Pa.

	100	1000
NARCISSUS.		
Paper white grandiflora	$1.00	$9.00
Paper white grandiflora, selected bulbs	1.25	10.00
Von Sion, double nose, selected	2.00	18.00
Von Sion, mammoth bulbs	1.75	14.00
Von Sion, first size	1.50	12.00

STUMPP & WALTER CO., 50 Barclay St., New York.

	100.	1000.
Now ready.		
L. Harisii, 5x7	$ 4.50	$ 40.00
L. Harrisii, 7x9	11.00	100.00
L. Candidum, 20 cms. and up	5.50	
Callas, 5/4 to 6-in. circ	7.00	65.00
Callas, 1½ to 5-¼-in. circ	5.50	50.00
Freesias, 1¾ to 2½-in. circ	.90	8.00
Roman Hyacinths, 12 to 15 cms.	2.50	24.00

W. C. BECKERT, Allegheny, Pa.

Our RETARDED or COLD STORAGE Lilium longiflorum can be forced for Christmas. It will pay you to try some. Price: 7 to 9-in. bulbs, 300 in a box, $7.50 per 100, $60.00 per 1000; one whole box sold at 1000 rate. Prices upon all other bulbs on application.

CLUCAS & BODDINGTON CO., 812-814 Greenwich St., New York.

FREESIAS, CALLAS, LILIUM HARRISII, etc. If our bulb list has not been received we shall be pleased to send it on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Callas. A few hundred strong bulbs, $5.00 100; some smaller ones, $3.00 100. Cash with order. Madsen & Christensen, 170-178 Bidwell Ave., Jersey City, N. J.

Narcissus and daffodils, finest varieties, for fall delivery. Write us for low prices.

American Bulb Growers' Co., Wholesale Bulb Growers, Petersburg, Va.

Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.

BOBBINK & ATKINS, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacintha, Tulips, Narcissus, Lillies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl tuberose and Caladium esculentum bulbs. Popular varieties.

Jno. F. Croom & Bro., Magnolia, N. C.

Caladiums, dry bulbs, best named sorts, 1¼to., $6.00 100, $50.00 1000.

P. J. Berckmans Co., Augusta, Ga.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla bulbs, selected, $4.00; 1st size, $3.00 per 100. G. Noack, Batavia, N. Y.

Lilium Harrisii, 7 to 9, 200 for $20.00. Wm. Elliott & Sons, New York.

Calla bulbs, 1st size, $4.00 100.

California Carnation Co., Loomis, Cal.

CANNAS.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

Cannas, dry roots, best sorts, $15.00 1000.

P. J. Berckmans Co., Augusta, Ga.

Canna roots, popular varieties.

Jno. F. Croom & Bro., Magnolia, N. C.

CARNATIONS.

CARNATIONS. CARNATIONS. CARNATIONS.
THE BEST FIELD-GROWN STOCK.
Every one a choice selected plant.

	100	1000
Ron Homme Richard	$5.00	$45.00
America	4.00	35.00
Sunbeam	4.00	35.00
Jubilee	4.00	35.00

Order quickly; plants reserved for later shipment if desired. Terms cash.

H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Fine, strong, healthy carnation plants, grown on high ground. 300 Prosperity and 200 Lorna, $10.00 per 100.

2,500 Lawson.
2,000 W. Cloud.
2,000 Triumph.
1,500 M'g Glory.
1,200 Joost.
600 Crane.
150 Irene.
600 Lord.
500 Norway.
600 Glacier.
325 America.
300 Marquis.
200 Maceo.
150 Gomez.

First size, $8.00 100; second size, $5.00 100.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Carnation plants, 50,000 field-grown, including large quantities of the following varieties: Flora Hill, White Cloud, G. H. Crane, Daybreak, Chapman, Eldorado, Maceo, Irene, Guardian Angel, Genevieve Lord and Peru. If you are going to buy, write and get prices before placing your orders. Can make you price we know is right. Stock in fine condition and plants fair size.

CHAS. CHADWICK, L. B. 11, Grand Rapids, Mich.

Field-grown carnations.

	12	100		12	100
Crossbrook	$3.00	$15.00	Prosperity	$1.50	$10.00
Fair Maid	2.50	12.00	Egypt	1.00	7.00
Floriana	1.50	8.00	Mermaid	1.00	6.00
Norway	1.50	10.00	Lawson	1.50	8.00
Lord	1.50	8.00			

The above are in good shape, ready for immediate shipment. 25 plants one variety at 100 rate.

H. WEBER & SONS, Oakland, Md.

Field-grown carnations; fine, strong, healthy plants:

	100	1000		100	1000
Lawson	$7.00	$60.00	Lord	$4.00	$35.00
Bradt	7.00	60.00	Norway	4.00	35.00
Marquis	4.00	35.00	Prosperity	4.00	35.00
White Cloud	4.00	35.00	Joost	4.00	35.00
Crane	5.00	45.00	America	4.00	35.00
M'g Glory	5.00	45.00	Triumph	4.00	35.00
Mrs. Ine	5.00	45.00	Hoosier Md	4.00	35.00

P. REINBERG, 51 Wabash Ave., Chicago.

Field-grown carnations, strong and healthy.

	100		100
Gov. Wolcott	$16.00	Crane	$ 6.00
Prosperity	10.00	Gomez	6.00
Lawson	8.00	Queen Louise	10.00
Morning Glory	6.00	Norway	8.00
Maceo	6.00	Egypt	10.00
Foster	5.00	Flora Hill	6.00
Joost	5.00		

Discount by the thousand. Cash, please.

C. L. HOWE, Dover, N. H.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$8.00	$70.00	Melba	$5.00	$40.00
Marquis	6.00	50.00	M'Richm'd	5.00	40.00
White Cl'd	6.00	50.00	Scott	5.00	40.00
Hill	6.00	50.00	Pingree	6.00	....
Lord	5.00	40.00	Gold Nugget	6.00	....

250 of one variety at 1000 rate.

ISAAC H. MOSS, Govanstown, Baltimore, Md.

Strong, healthy, field-grown carnations.

	100	1000		100	1000
Crocker	$4.00	$25.00	Norway	$5.00	$30.00
Scott	4.00	25.00	Joost	5.00	35.00
W. Cloud	4.00	25.00	Excelsior	4.00	25.00
Melba	4.00	25.00			

Money order with order.

W. E. Fowler & Co., Bellevue, New Castle Co., Delaware.

Extra fine field-grown plants.

	100		100
Thos. W. Lawson	$8.00	E. Crocker	$5.00
Wm. Scott	5.00	Gen. Maceo	6.00
Flora Hill	5.00	Norway	6.00
G. H. Crane	5.00	Mrs. Joost	6.00
Mrs. Bradt	6.00		

LEO. NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Field-grown carnations.

	100	1000
Mrs. T. W. Lawson	$7.00	$60.00
Ethel Crocker	5.00	45.00
Jubilee	4.00	35.00
Scott	4.00	35.00
Lord	4.00	35.00
Hill	5.00	45.00

S. T. DANLEY, Macomb, Ill.

Field-grown carnations. Per 100: Prosperity, $16.00; Norway, $8.00; Hill, White Cloud, Victor, Joost, Crane, Daybreak, Meteor, Jubilee, Morello, Armazindy, Lord, $6.00; McGowan, Fisher, Crocker, Scott, $5.00. Cash with order. Orders above $5.00 delivered in N. Y., Pa. and eastern states.

LLEWELLYN, The Florist, Olean, N. Y.

Carnations, strong field-grown plants:

	100		100
Maceo	$5.00	Scott	$5.00
F. Joost	5.00	W. Cloud	5.00

GOODENOUGH, the most profitable white, $7.00 100. Write for prices on large lots.

SIDNEY LITTLEFIELD, No. Abington, Mass.

Field-grown carnations.—1500 Extra Fine Plants—1500. Mrs. F. Joost, Roslyn, Gen. Maceo, G. H. Crane, The Marquis, White Cloud and Peru, $6.00 per 100. Mrs. T. W. Lawson, Pres. Roosevelt and Mrs. Bradt, $8.00 per 100. Cash with order and satisfaction guaranteed.

GEO. E. BUXTON, Nashua, N. H.

Carnations, clean, healthy stock, a few more than we needed. Armazindy, Crane, America, Jubilee, Daybreak, Alaska. Cheap for cash. Spy Hill Conservatories, Fishkill-on-Hudson, New York.

Bradt, Hill, White Cloud, Morning Glory, Crane, Chapman, Lord, Norway, Glacier, White Daybreak and Daybreak carnations. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

SURPLUS CARNATION PLANTS. Very nice, healthy plants, $4.00 per 100.

100 Marquis
100 M'g Glory
100 Scott
100 Daybreak
75 Crocker
200 McGowan
200 W. Cloud
200 F. Hill
800 Crane

Sunnyside Greenhouses, Owosso, Mich.

Nice shapely, healthy plants of Joost, Crocker, Scott, Cartledge, Eldorado, Firefly, scarlet seedling, Crane, M. Glory, Duke of York, and variegated seedling. Ask for prices quick. Also 200 nice Smilax plants 3-inch for $3.50. Cash. RONEY BROS., West Grove, Pa.

25,000 strong healthy, field-grown plants.

	100		100
Marquis	$6.00	Armazindy	4.00
Joost	5.00	Psyche	3.00
Argyle	4.00		

JOHN BAUSCHER, JR., Freeport, Ill.

Field-grown carnations, strong, healthy plants. Norway, The Marquis, Lippincott and Genevieve Lord, $5.00 per 100. Wm. Scott, $3.50 per 100. Cash with order. Satisfaction guaranteed.

GEO. R. GEIGER, Nazareth, Pa.

1000 fine field-grown carnations. Crane, Joost, Norway, Ethel Crocker, and a few others. $5.00 100. Cash with order. Speak quick if you want them. No better plants in the market for the money.

GUNNAR TEILMANN, Marion, Ind.

CARNATIONS, FIELD GROWN. 200 Marquis, 700 Norway, 800 Lawson, $6.00 100. 3000 Flora Hill, 1000 Crane, 800 Triumph, 800 Daybreak, $5.00 100; $45.00 1000. Cash with order.

W. SABRANSKY, Kenton, Ohio.

20,000 field-grown carnations, extra fine and healthy; all cuttings taken from flowering stems. Lizzie McGowan, $3.00 per 100; Russell, good pink, moves easily, $4.00 per 100. Aaron Keiter, Parker Ford, Pa.

Field-grown plants of Joost, Crocker, Duke of York, Scott, Cartledge, and a fine red seedling. A No. 1 plants.

Eugene Bernheimer, 11 South 16th St., Philadelphia, Pa.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress and Bradt, $5.00 per 100; $40.00 per 1000. Samples by mail 10 cents. The Albert H. Brown Co., Westboro, Mass.

Carnations, strong fieldgrown plants. Marquis, Joost, Triumph, Jubilee, Armazindy, and Scott, $5.00 100, $45.00 1000; Mrs. Bradt, $7.00 100, $60.00 1000.

W. H. Gullett & Sons, Lincoln, Ill.

Carnations, stocky, field-grown. No. 1 stock.

Triumph .....5c White Cloud 5c
Joost .....5c Genesee (white)....5c
Lawson 6c

JOY & SON CO., Nashville, Tenn.

Carnations from field, extra large plants in most robust condition. Scott and Melba, 1st size, $5.00, 2nd size, $4.00 100. Chas. Rayner, Anchorage Rose Houses, Anchorage, Ky.

Strong, healthy carnation plants. Morning Glory, E. H. Hill, G. H. Crane, America, The Marquis. Write me your wants. W. H. Watson, Lapeer, Mich.

100,000 field-grown carnation plants. All the choice new and old varieties. Send me your list for prices.

J. L. DILLON, Bloomsburg, Pa.

New Scarlet Carnation ORIOLE. Strong and healthy field plants, $12.00 per 100; $100 per 1000. John B. Goetz, Saginaw, W. S., Mich.

Field-grown carnations. 475 Flora Hill, No. 1, $5.00 100. 125 White Cloud, 2nd size, $3.00 100. D. C. Noble, Columbia City, Ind.

Strong, healthy plants of Hill, Lord, Crocker, Queen Louise and White Cloud. $4.50 100. Van Wert Greenhouses, Van Wert, O.

Lawson and Bradt carnations, very choice stocky and clean, $12.00 per 100. James Patience, Stamford, Conn.

Let us know your wants on carnation plants —we prepay express charges. California Carnation Co., Loomis, Cal.

Field-grown carnations. Crane, Cloud, Glacier, Triumph, Hill, Lawson, Daybreak, $4.50 100. Cash. Mrs. E. Kuntz, Frankfort, Ind.

Field-grown Joost, Crocker, Hill and Crane. Send for samples and prices. John Wolf, Savannah, Ga.

Seed for descriptive price list of our new carnations. F. Dorner & Sons Co., La Fayette, Ind.

F. JOOST, field-grown, extra strong, $5.00 100. Cash. Cottage Greenhouses, Litchfield, Ill.

Field-grown carnations, 1000 extra strong ETHEL CROCKER, $4.00 per 100.

Wagner Park Conservatories, Sidney, Ohio.

Carnations. Send to us for prices on what you need.

Geo. Hancock & Son, Grand Haven, Mich.

CARNATIONS—Continued.

1000 Gomez carnations, $5.00 per 100. Clean healthy plants. Cash with order.
The F. Blondeel Co., Oak Park, Ill.

Carnations, field-grown, strong and healthy; Mrs. F. Joost, $5.00 100; Daybreak, $6.00 100.
S. S. Peckham, Fairhaven, Mass.

2000 Duke of York carnation plants, field-grown, fine ones, at $3.00 100.
A. B. Campbell, Cochranville, Pa.

CRESSBROOK carnations from field, nice, strong plants, $10.00 100, $75.00 1000.
C. Warburton, Fall River, Mass.

FIELD-GROWN carnations: Joost, Hill and McGowan, $4.00 per 100. Cash with order.
J. T. Cherry, White Hall, Ill.

20,000 fine field-grown plants of carnation Wm. Scott at $5.00 100, $45.00 1000.
Wm. Sim, Cliftondale, Mass.

2000 fine field plants of Joost and Mary Wood at $4.00 100.
HENRY DIERS, Sibley, Ill.

Prosperity, $8.00; Daybreak, $4.00 100. Strong, healthy plants. Carl Rauth, Springfield, Ill.

High-class Joost. A BARGAIN. $5.00 100, $45.00 1000. Otto Bourdy, Lowell, Mass.

CHRYSANTHEMUMS.

Chrysanthemums. W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Park, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.
Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
R. F. Tesson, West Forest Park, St. Louis, Mo.

Chrysanthemums. We still have some nice, thrifty young stock which we offer at $2.50 100, our selection. H. Weber & Sons, Oakland, Md.

Field-grown chrysanthemums, 20 varieties at $5.00 to $8.00 100. W. L. Thomas & Son, Box 82, Augusta, Ky.

CINERARIAS.

Cinerarias, 2-in., $2.00 100; 3-in., $3.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cineraria grandiflora, finest dwarf, $2.00 100; 300 for $5.00. J. W. Miller, Hatton, Pa.

Cinerarias, $2.00 100
Jos. H. Cunningham, Delaware, Ohio.

Cineraria grandiflora, finest dwarf, $2.00 100; $16.00 100. F. A. Baller, Bloomington, Ill.

CLEMATIS.

Clematis paniculata, 2, 3 and 4 years old. Write for prices.
Elizabeth Nursery Co., Elizabeth, N. J.

COLEUS.

Coleus stock plants. 2-in. large and strong, ready for 4-in., 25 or more varieties, $1.50 100. N. O. Caswell, Delavan, Ill.

CYCLAMEN.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100. Lebnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum or persicum, ready to shift for Christmas blooming, 3-in., $5.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 3½-in., separate colors, $8.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Cyclamen, fine plants, mixed colors, 4-in., $8.00 100.
H. B. Campbell, Davenport, Iowa.

Cyclamen giganteum, fine plants, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

DAISIES.

Shasta daisy plants, 2-in. $10.00 100; 3½-in. $15.00 100. 250 at 1000 rate. Express prepaid. California Carnation Co., Loomis, Cal.

DRACÆNAS.

200 Dracaena indivisa, 6-in. pots, 3 ft. 6 in. high, full heads, fine for vases, $15.00 per 100; $2.00 per doz. Ruxton Floral and Nursery Co., Ruxton, Md.

EUCHARIS.

Eucharis grandiflora, a money maker for the florist who wants a fine, white flower for funeral work, bouquets, etc. Large clumps (will bloom this fall), 15 to 20 bulbs, $2.50 each, single bulbs, $10.00 100. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

FERNS.

FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.
ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.
ANDERSON & CHRISTENSEN, Telephone 20 J, Short Hills, N. J.

Ferns in flats. The most advantageous way to buy in a stock of ferns at a little cost. Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting. We can furnish these ferns, grown separately, each flat containing any one of the following sorts, ferns all good salable varieties. Pteris Wimsettii, P. Gilbertii, P. magnifica, P. serrulata, P. cristoloba, P. cretica albo-lineata, P. adiantoides, P. Mayii, Adiantum cuneatum, Aspidium tensimense. Price per flat $2.00.
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NEPHROLEPIS PIERSONI will be a money-maker for you. Will be introduced to the trade in spring of 1903. Demand will be enormous. Place your order at once to secure early delivery. Price: $9.00 doz., 50 plants at 60c each, 100 plants at 50c each, 500 plants at 45c each, 1000 plants at 40c each.
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DREER'S FINE FERNS. Now is the time to lay in your supply of ferns. We have in stock over 500,000 plants grown in open frames, well-hardened, and in prime condition to grow for the coming season's use For varieties and prices see displayed adv. in this issue.
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Seedling ferns in flats. All the leading varieties, ready for 2-in. pots, $2.00 per flat. Small ferns for filling ferneries, in all the best commercial varieties, 2½-in., $3.00 100; $25.00 1000.
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100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
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Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000.
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New Myosotis palustris semperflorens gr. Nixenauge, $1.00 per 100. Samples with bloom, 10c. G. Lotze Glen Burnie, Md.

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Special CLEARANCE sale of 15000 geraniums from 2½-in. pots. Jean Viaud, the pink novelty, $3.00 100; Duchess of Orleans, the variegated wonder; Beaute Poitevine, Hill, Jaulin, Riccard, Meehan, Morton, Athlete, Bruant, $2.00 100, $18.00 1000; Perkins and Nutt, the leading bedders, $1.50 100, $15.00 1000.
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Geraniums. All the best and the best only. Send for descriptive list.
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Cut Gladioli Spikes, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.
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We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
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Evergreens, shrubs and privets. Send in your list of wants. Trade list out in September. Write for it.
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Heliotropes, 2 and 3-in. Mme. Bruant, the finest heliotrope for pot sales and bedding. N. O. Caswell, Delavan, Ill.

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500 hibiscus in 2½ to 4-in. pots.
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Hardy English Ivy, 2¼-in., $2.00 100.
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At all times extra fine CUT BLOOMS of Lily of the Valley, $3.00 per 100. Cash must accompany orders. Anton Schulthels, Box 78, College Point, L. I., N. Y.

Lily of the Valley, every day in the year, $3.00 per 100.
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English Milltrack mushroom spawn from a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

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Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

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Oranges and Kum Kwats, grafted, 10-12 in., bushy, $20.00 100.
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Orchids. PHALAENOPSIS, largest stock in America: Amabilis, Amethystina, Leucorhoda, Luddemannia, Rosea, Schilleriana, Stuartiana, all sizes, established, and newly imported. Saccolabium guttata and violacea, Vanda lamellata. Odont. crispum, about 100 plants at $1.50 each. Cattleyas, all varieties. Write for prices.
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Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

Large double pink paeonies, $5.00 100.
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HIGH-GRADE PAEONIES.
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BALL'S PALMS. Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.
KENTIA BELMOREANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 5-in. 75c, 6-in. $1.00 and $1.25, 7-in. $1.50, 8-in. $2.00 each. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $2.50, 9-in. $3.00, 10-in. $4.00, $5.00, $6.00 and $7.50.
KENTIA FORSTERIANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 6-in. 75c. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $3.00.
ARECA LUTESCENS, 2½-in. $6.00, 3-in. $10.00, 4-in. $17.50 per 100. Several in a pot, very bushy, 6-in. 50c, 75c and $1.00, 8-in. $2.00 and $3.00, 10-in. $4.00 and $5.00, 12-in. $7.50.
LATANIA BORBONICA, 2½-in. $4.00, 3-in. $8.00 per 100. 4-in. strong. 25c, 6-in. 50c, 8-in. $1.50.
PHOENIX CANARIENSIS, 8-in. pots at $2.00 and $2.50, 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.
ARAUCARIA EXCELSA, 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.00.
ARAUCARIA ROBUSTA COMPACTA, 16 to 18-in. high, 3 to 4 tiers, $2.00; 18 to 20-in. high, 4 tiers, $2.50.
PANDANUS VEITCHII, 6-in. at $1.00.
PANDANUS UTILIS, 4-in. 20c, 6-in. 50c, and 75c, 8-in. $1.00.
COCOS WEDDELLIANA, FICUS ELASTICA, DRACAENA SANDERIANA, ETC.
Descriptive price list on application.
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KENTIA BELMOREANA. 12-15-in., 4-5 char. lvs., 4-in. pots, $20.00 100, $180.00 1000; 15-18-in., 5-6 char. lvs., 4-in. pots, $35.00 100.
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Pandanus Utilis, 12-15-in., stocky, 4-in. pots, $20.00 100; 18-in., stocky, 5-in. pots, $25.00 100.
PHOENIX FARINIFERA, RECLINATA, and PUMILA, 12-15-in., 4-in. pots, $15.00 100; 15-18-in., several lvs. showing character, 5-in. pots, $25.00 100.
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ARECA LUTESCENS, 24-30-in., 5-in. pots, $30.00 100.
FICUS ELASTICA, 10-12-in., top cuttings, $20.00 100.
Not less than 50 of a kind at above prices.
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Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right.
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I have 15 large houses full of FINE PALMS, ferns, asparagus, and Adiantum farleyense. Send for price list.
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For sale, a good specimen plant of Phoenix tenuis, about 8 ft. high and 6 ft. across, for $25.00. W. T. Bell & Sons, Franklin, Pa.

Large stock—all sizes and varieties.
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We have the finest stock of PALMS in the country. Write for prices.
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Latania borbonica, for growing on, fine, 3-in., $6.00 100. J. B. Heiss, Dayton, Ohio.

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500,000 PANSIES, finest market strain grown. Awarded first-class certificate of merit by the Mass. Horticultural Society.
ATTENTION is called to these facts:
This strain is the result of over twenty years' careful selection.
The seed was saved this year from over 12,000 plants, the finest among the 500,000 flowered and sold last spring.
Particular attention is always paid to form and substance as well as size and color. The colors will be found very evenly proportioned, including rich selfs, brilliant variegations and many novel shades—no dull, mixed sorts.
Our pansies have for many years held the highest reputation in the Boston and Eastern New England markets and we confidently believe will be found the most satisfactory strain ever offered for florists' use.
Two of our customers write us as follows:
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Mr. I. E. Coburn:—We have handled several thousand baskets of your pansies for the past four years and find them superior in size, color and variety to any grown in this section.
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Nice plants from seed bed, $5.00 per 1000. Transplanted plants after September 1st, $6.00, $8.00, $10.00 per 1000, according to size.
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Strong 3-in. roses. Extra good value.

	1000
3000 Brides and Maids, 3-in.	$40.00
1000 Golden Gates, fine, 3-in.	45.00
2000 Meteors, 3-in.	30.00
2000 Brides and Maids, 2 by 3-in.	20.00

200 Kaiserins, 3-in., $5.00 100.
NOTE THIS OFFER: 100 at 1000 rate.
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Rose plants, extra fine, for winter bloom.

	100	1000
1500 Golden Gates, 3-in.	$5.00	$40.00
1500 Meteors, 3-in.	5.00	40.00
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This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order.
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Roses ready for planting, good heavy stock: Perles, Brides, Maids, Gates, Wootton, 3-in., $5.00 per 100; 4-in., $6.00 100.
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200 Golden Gate roses, 4-in., in good condition, $5.00 100
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Manetti stocks for fall delivery.
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Ficus elastica, 18 to 24-in. high, 6-in. pots, $4.00 and $5.00 doz.
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Ficus elastica, fine plants in 4, 5 and 6-in. pots. Bobbink & Atkins, Rutherford, N. J.

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Pansy seed. Berger's Never-fail Mixture, our own selection of the finest strains, all sorts, all colors, 1000 seeds, 25c; 5000 seeds, $1.00; 1 oz., $2.50 Pansies in separate colors, white, black, yellow, red, blue, copper, bronze, violet, purple, four colors, etc., 1000 seeds, 25c; 5000 seeds, $1.00. Cassier, Bugnot, Odier, Trimardeau, 1000 seeds, 25c; 5000 seeds, $1.00. New Giant Cassier, 500 seeds, 25c, 1000 seeds, 40c.
Chinese primula, separate colors, 100 seeds, 25c, 1000 seeds, $1.50.
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Pansy—J. & S. Kingly Collection. The finest strain of Giant Pansies now offered to the trade. It will please the most critical grower with its immense size, perfection of form, great substance and rich colors. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; per oz., $5.00. Giant Double Daisies, choice mixed, 1000 seeds, 25c; ⅛ oz., 50c; Longfellow (rose), and Snowball, 1000 seeds 25c, ⅛ oz. 40c.
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PANSY SEED. Mammoth Butterfly, very fine, 1000 seeds 25c. Choice named varieties, ⅛ oz. 75c, ¼ oz. $2.50, oz. $4.00. Extra choice mixture, 20 varieties, trade pkt. 35c, oz. $4.00. Giant Trimardeau, high-grade mixture, oz. 75c. Giant Trimardeau, named colors, 20 var., 75c to $4.00 oz. Above are imported direct from best growers. Seed all tested.
J. C. MURRAY, Seedsman, Peoria, Ill.

Hollyhocks, double, white and yellow, such as are used by florists. Sweet William, Hunt's finest auriculaefolia. Digitalis or Foxglove, in 12 varieties mixed. Delphinium, tall-growing, 6 to 8 ft., extra fine spikes, all shades of blue and purple. Lobelia cardinalis, finest of all herbaceous plants, trade pkt., 10c. C. Long, 277 Jefferson Ave., Rochester, N. Y.

Florists' Mignonette. FOTTLER'S ECLIPSE is the finest strain ever offered; immense spikes, very fragrant, and highly colored. Greenhouse-grown seed, $1.00 per trade pkt. of about 2000 seeds. Catalogue on application.
SCHLEGEL & FOTTLER CO., Boston, Mass.

New crop pansy seed—Superb show mixture, ¼ oz. 75c, oz. $5.00. Finest giant strains, oz. $2.50; in mixture, oz. $2.00. Cineraria seed—Giant prize, mixed, trade pkt. 75c. New large-flowered, striped, pkt. 25c.
W. C. BECKERT, Allegheny, Pa.

Cyclamen persicum seed, $4.00 1000 seeds. Asparagus Sprengerl seed, $1.75 1000 seeds. Prize strain pansy seed, Bugnot, Cassler and Odier mixed, or Giant Trimardeau, $2.00 oz. All fresh seed. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

New crop PANSY seed of the famous JENNINGS' strain now ready. Finest mixed pkt. $1.00; ½ oz. $3.00; oz. $5.00. Separate colors, red, white, blue, yellow and black, 50c pkt. Cash. E. B. Jennings, Box 254, Southport, Conn.

New crop of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 oz. A. Sprengerl, $1.50 1000. Giant pansy, mixed, $1.00 oz., $10.00 lb.
California Carnation Co., Loomis, Cal.

Fresh double HOLLYHOCK seed, white, pink, red, black, maroon and yellow, 10c per pkt. Allegheny, 15c per pkt. One pkt. each of the 7 varieties for 50c. Harvey B. Snow, Camden, New York.

Cyclamen gig. seeds. Our own well-known strain. In separate colors, $7.00 per 1000 seeds, 75c per 100 seeds. Lehnig & Winnefeld, Hackensack, N. J.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, Ne plus ultra strain, $4.00 oz. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Sweet pea seed (Christmas), winter bloomer, 35c oz., postpaid. H. M. Fitch, Mystic, Conn.

Zirnglebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirnglebel, Needham, Mass.

SMILAX.

Smilax. 3000 strong 2½-in. pots, been cut back twice. $2.00 per 100; $15.00 per 1000. Cash with order. H. P. Owen, Toughkenamon, Pa.

Smilax. Big, strong plants ready to run; they are fine and will surely please you. $1.50 100; $13.00 1000. C. Humfeld, Clay Center, Kan.

2000 smilax clumps, 1 year old, $10.00 per 1000; $1.25 per 100. Cash with order. H. P. Owen, Toughkenamon, Pa.

Smilax, strong, ready to branch, 2-in. $1.00 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

25000 extra strong smilax plants, 2¼-in., ready for planting, $1.00 100, $8.00 1000.
BUCKLEY PLANT CO., Springfield, Ill.

Smilax, extra strong; 2½-in. pots, $1.50 per 100. Samuel S. Peckham, Fairhaven, Mass.

500 Smilax, 3-in., strong healthy plants, $2.50 100. W. C. Rockwell, Bradford, Pa.

Smilax ready for benching, 2½-in. $1.00 100, $10.00 1000. John Brod, Niles Center, Ill.

Smilax, fine plants, 2½-in., 2 plants in a pot, $2.00 100. T. D. Brown, Adams, Mass.

Smilax, strong heavy 1 year plants, $3.00 100. F. A. Baller, Bloomington, Ill.

Smilax, 2-in., fine, $1 50 per 100; $12.50 per 1000. C Betscher, Canal Dover, O.

SMILAX, 2000 strong 2½-in. $15.00 1000, $2.00 100. Murray The Florist, Peoria, Ill.

5000 smilax to close out cheap. Write
Geo. A. Kuhl, Pekin, Ill.

Smilax, strong plants, $1.50 per 100.
C. L. Reese, Springfield, Ohio.

Smilax, good, 2½-in., $2.00 100.
Harry White, R. R. No. 6, Wabash, Ind.

Smilax, 2 in., strong, $1.50 100.
Albert M. Herr, Lancaster, Pa.

Smilax, strong 3-in., $3.00 100.
EVENDEN BROS., Williamsport, Pa.

Smilax, 2-in., $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Smilax, 3-in., $3.00 100; $20.00 1,000.
Crabb & Hunter, Grand Rapids, Mich.

Smilax, 15c per string.
A. N. PIERSON, Cromwell, Conn.

Smilax, fine 2-in., $1.50 100, $13.00 1000.
S. T. Danley, Macomb, Ill.

STEVIAS.

Stevia, tall or dwarf, 2-in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Teason, West Forest Park, St. Louis, Mo.

STRAWBERRY PLANTS.

Clyde and Warfield, most reliable sorts (immense croppers). Well-established young plants from pots, planted now and in August warranted to produce a full crop of the finest berries next spring, 50c per doz.; $3.00 per 100. F. A. Baller, Bloomington, Ill.

For the best POT-GROWN strawberry plants send to Wilfrid Wheeler, Concord, Mass.

SWAINSONAS.

Swainsona alba, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

VEGETABLE PLANTS.

Tomatoes will be a profitable crop this winter. September, the month to plant. Our own strain, early, heavy, prolific Lorillard has stood the test four years without club-root or blight here, and no complaint from the thousands sent out. We offer strong 3-in. pot plants at $2.00 per 100. Cash with order.
RONEY BROS., West Grove, Pa.

Celery plants, 100,000 extra heavy transplanted plants. White Plume, Giant Pascal, Fin de Siecle, Golden Self-blanching and Perfection Heartwell, $2.00 1000. Non-transplanted, $1.50 1000. Cash. Samples by mail, 10c.
W. B. DURIE, Rahway, N. J.

A JOB LOT of STRONG TRANSPLANTED CELERY plants to be closed out very low. If you have any room for them it will pay you well to write at once. R. Kilbourn, Clinton, N. Y.

1,000,000 Celery plants for sale. Assorted, $1.50 per 1000; $12.50 in 10,000 lots. Boston Market, Giant Pascal, Golden Heart, White Plume, Golden Self Blanching. Cash with order. J. P. Cannata, Mt. Freedom, N. J.

2500 selected Mayflower and Lorillard tomato plants, 3-in. pots, 10 to 12 inches from top of pot, strong, $3.00 100. Cash, please.
E. J. Cloud, Avondale, Pa.

VEGETABLE PLANTS. All vegetable plants in their season, by the 100, 1000 or 10,000.
R. VINCENT, JR. & SON, White Marsh, Md.

Egyptian or winter onion sets, $2.00 per bu.; fine sets, good measure.
Lewis R. Allen, Murphysboro, Ill.

VERBENAS.

Lemon verbenas, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

VIOLETS.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
SWAN PETERSON FLORAL CO., Gibson City, Ill.

Princess of Wales and Lady Campbell violet plants. Strong field-grown clumps from sand struck cuttings, ready September 1. $5.00 per 100, $40.00 per 1000. Samples 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Marie Louise, Campbell and Swanley White, 2½-in. strong, $3.00 100, or $25.00 1000. California from soil, $1.00 100. All fit to bench now. Cash. Benj. Connell, West Grove, Pa.

Grand Rapids violets. Field-grown Lady Campbell and Swanley White at $4.00 per 100, $35.00 per 1000. Sample 10c. Cash with order. Eli Cross, Grand Rapids, Mich.

Now is the time to plant violets if you grow for money. Fine plants of L. H. Campbell, $2.25 per 100; $20.00 per 1000. T. H. Norton, Hightstown, N. J.

Campbell violets, field-grown, strong and free from disease, $4.00 100, $35.00 1000.
E. R. Lowe, 42 Summer St., W. Roxbury, Mass.

Extra fine field-grown Lady Hume Campbell violets, $3.00 100, $25.00 1000. 250 at 1000 rate. Cash with order, please.
E. J. Cloud, Avondale, Pa.

Campbell violet clumps, field-grown, at $3.00 100. Ready now, clean and healthy. By the violet grower, A. B. Campbell, Cochranville, Pa.

20,000 Farquhar violets, clean, well grown, 3-in. pots. Price on application. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Princess of Wales and Marie Louise violet plants, strong field-grown, $4.50 100, $40.00 1000. Cash. Loeffler Bros., Watertown, Wis.

Imperial violet plants, 2½-in. pots, grown for our own use. Good plants, $2.50 per 100. Wise Bros., East Aurora, N. Y.

Imperial, M. Louise and Swanley White, 3-in., $3.75 100; $35.00 1,000. Crabb & Hunter, Grand Rapids, Mich.

Lady Campbell violets, field-grown, $4.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Marie Louise violets, 2½-in., to make room, $2.00 per 100. Cash. Hull Floral Co., Morris, Ill.

MARIE LOUISE violets, fine healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Campbell violets, strong 3-in., $2.75 100; fine 2¼-in., $2.00 100.
Muncie Floral Co., Muncie, Ind.

Marie Louise violets, strong, clean, healthy plants, $2.50 100, $20.00 1000.
J. B. RUDY, Elmira, N. Y.

TO EXCHANGE.

To Exchange—4½ and 5-in. Asparagus Sprengeri and Capsicum annuum (celestial pepper), 2¼-in., for Asparagus plumosus 2½ to 4-in., or good size Boston ferns. S. Muir, 3530 Mich. Ave., Chicago.

To Exchange—Chrysanthemums, 20 varieties, at $5.00 to $8.00 100, for carnations and roses. W. L. Thomas & Son, Box 82, Augusta, Ky.

To Exchange—5-inch Latania Borbonica palms for carnation plants. Greensburg Floral Co., Greensburg, Ind.

To Exchange.—1000 A-1 Joost for Flora Hill and White Cloud. Otto Bourdy, Lowell, Mass.

WANTED.

Wanted—A bargain in a few hundred Asparagus plumosus, from small pots or flats. Send price and sample. J. E. Jackson, Gainesville, Ga.

Wanted—Rooted cuttings of Le Soleil geraniums. L. M. Gage, Bristol, Vt.

BENCH TILES.

WILL OUT-LAST YOU.
Something new in bench tile. Light, strong and never rots. Cheap as lumber in first cost. Harbors no insects, does not swell, shrink or warp, gives good drainage and yet holds moisture. Send for sample and price to
JAMES FROST, Greenville, Darke Co., Ohio.

CAPE FLOWERS AND RAFFIA.

This is a favorable time to procure supply for fall trade. Write for samples and special prices to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.,

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns, $1.00 per 1,000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Fancy and Dagger Ferns, 50c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Milliogton, Mass.

Fancy ferns, $1.00 per 1000; discount on large orders. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

For hardy cut Fancy and Dagger ferns, mosses, laurel, etc., write H. J. Smith, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
McKELLAR & WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FLORAL DESIGNS.

Wax Flowers and Wax Floral Designs.
J. Stern, 1928 Germantown Ave., Phila., Pa.

FLORISTS' LETTERS.

Krick's florists' letters, emblems, designs, etc. Give them a trial. Best on the market.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GREEN GALAX LEAVES, postage prepaid, 60c per 1000. H. H. Hill, Victoria, Macon Co., North Carolina.

Bronze galax leaves, $1.00 per 1000. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Milliogton, Mass.

GLASS, ETC.

Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 30 Sudbury St., Boston, Mass.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

HOSE.

Good Hose. J. G. & A. Ealer, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES

NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Rose lice, red spider and mildew on rose bushes prevented by SULPHO-TOBACCO SOAP. Write for our special offer to florists.
LARKIN SOAP CO., Buffalo, N. Y.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

LABELS.

Wooden labels. All kinds of tree and plant labels.
Williams & Sons Co., Batavia, Ill.

PAINT AND PUTTY.

GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

POTS

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red Pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
C. C. POLLWORTH Co., Milwaukee, Wis.

POT HANGERS.

Krick's flower pot hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. By mail 10c extra per doz. Sample pair, 10c postpaid.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Milliogton, Mass.

Sphagnum moss. L. B. Brague, Hinsdale, Mass.

TIN FOIL

American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Galvanized wire flower stakes. Any length or size desired.
John A. Roebling's Sons Co., 171 Lake St., Chicago.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Brueu Mfg. Co., 208 Jersey St., Harrison, N. J.

BUSINESS BRINGERS—
Review
Classified Advs.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs. 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

GRAND RAPIDS, MICH.

We are now experiencing the luxury of a drouth, not having had any rain for three weeks, and everything is drying up. Just to think of having averaged twenty-three days a month of rain and then going without any for so long. It makes one feel dry. The weather is warm with cool nights. Carnation benching goes merrily on, although great care has to be exercised in lifting from clay soil, so as not to break the roots. Flowers are still scarce, about equal to the demand, as trade is sleeping these balmy days.

Peter Blanksma has decided to grow carnations as well as lettuce, which he has grown heretofore. He is located near East street, south of Burton avenue.

Eli Cross is building a brick chimney and a coal and boiler room. He has torn down the frame structure that formerly answered that purpose. He will have his office in the same building.

Recent visitors: Geo. Hancock, of Grand Haven; Harry Smith and Henry Fruck, gardeners to Jos. H. Berry on the Grosse Point Farms; Belle Miller, of Springfield, Ill.; C. Gentle and his foreman, Wm. Scott, of Benton Harbor, Mich.

We were sorry we were not at Asheville, but are delighted to think that Milwaukee has had justice done her.

G. F. C.

TRENTON, N. J.—Florist Wainwright suffered serious loss as the result of the storm on Aug. 10. Much glass was broken and the heavy rain destroyed many plants. A barn at the rear of his residence was unroofed. A tin roof from a house on a neighboring street dropped in his yard.

RACINE, WIS.—L. W. Mason, alias H. C. Jones, who is said to be a florist of Lexington, Ky., pleaded guilty to a charge of larceny and was sentenced to two years in the State prison. He obtained a motor cycle on trial and shipped it away. He was caught after boarding a train for Chicago.

TROY, O.—L. A. Thomas is adding two new houses, one 20x128 and the other 20x116. He now has eleven houses. His business is expanding rapidly.

Cyclamen Seed New Crop.

Harvested in May and June. Just Received.

ENGLISH STRAIN—Admitted to be the best strain reaching this country. We have the pick from some of the private estates and it is harvested with great care.

CYCLAMEN PERSICUM GIGANTEUM GRANDIFLORA

in mixture of the strain comprising the best shades, trade packet, **50c** 1000 seeds, **$10.00**
White (pure) 50 seeds.....**50c** 1000 seeds, **8.50**
Scarlet, 50 seeds .....**50c** 1000 seeds, **8.50**
Roseum, 50 seeds .....**50c** 1000 seeds, **8.50**
Rubrum, 50 seeds .....**50c** 1000 seeds, **8.50**

GERMAN STRAIN—We purchase this of specialists only and many compliments have come to us on the excellence of the stock.

CYCLAMEN PERSICUM GIGANTEUM

in mixture of the above strain composed of the standard varieties and latest novelties. A grand assortment, trade packet.....**50c** 1000 seeds, **$7.50**
White (pure). Packet....**50c** 1000 seeds, **$7.50**
White with eye. " ....**50c** 1000 seeds, **7.50**
Roseum Superbum " ....**50c** 1000 seeds, **7.50**
Rubrum, " ....**50c** 1000 seeds, **7.50**

Let us have your orders for this seed, we will please you.

Write us about HARRISII BULBS.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO, ILL.

STOCK GERANIUMS.

What is the best way to carry over stock geraniums? I have a nice lot in field, and after taking the cuttings this fall would like to take up old plants, but have no room on greenhouse bench for them. M. W. W.

If M. W. W. can't give his old geraniums, that he has taken cuttings from and intends to lift from the field about October 1st, a light bench in a cool house, then it is not worth his going to much trouble over them. We seldom lift any old plants unless it be of some variety of which we are short. If it is necessary that you must lift the old plants, then get some boxes of convenient length and breadth, say 2 feet by 1 foot and 5 inches deep. Lift the plants about October 1st; plant them in the boxes quite thickly, and after a good soaking leave the boxes out of doors as long as you can. When frost compels you to remove them to the house, place the boxes along the edge of the paths in a cool, light house. Keep them very dry and the plants will remain almost dormant till end of February, when they can be shaken out, potted and started to growing. Plants to be treated this way should have all the young succulent growth cut off before boxing. W. S.

Milton, Ind.—William Moore is erecting a greenhouse here.

Bloomsdale, Pa.—Fire destroyed the packing house and office of D. Landreth & Sons, the seedsmen, at 1 a. m. Thursday, Aug. 7. The loss will reach about $40,000, and is covered by insurance.

Burpee's Seeds Grow

5000 SMILAX TO CLOSE.
500 Hibiscus, in 2½ to 4-inch. **5000 Sprengeri,** 2 to 6-inch.
5000 Plumosus, 2 to 5-inch. **Boston Ferns,** 4 to 10-inch.
Let us have your orders.
GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

ASPARAGUS.
Plumosus, strong, 2¼-inch pots .....$3.00 per 100.
Sprengeri, from seed beds ..... 1.00 "
PANSY Seed. "Ne Plus Ultra" strain, $4.00 per oz.
Cash or C. O. D.
JOS. H. CUNNINGHAM, DELAWARE, OHIO.
Mention The Review when you write.

The Best Variegated Foliage Plant to-day is
PANDANUS VEITCHII.
Fine plants, bench pots, **$12.00** a doz.
Also larger sizes at **$1.50** and **$2.00** each.
JOHN WELSH YOUNG, GERMANTOWN,
Upsal Station, Penna R. R. **PHILADELPHIA, PA.**
Mention The Review when you write.

Always Mention the....
Florists' Review
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CARNATIONS!
Marquis, Gomez, Crane. Fine field-grown, $5.00 per 100.
ROSES. **Brides and Maids,** 3½-in., $4.00 per 100.
L. E. MARQUISEE, Syracuse, N. Y.
Mention The Review when you write.

Michigan Seed Co.
WHOLESALE GROWERS
GLADIOLUS, DAHLIA and CANNA
Flower Seeds and Bulbs.
SOUTH HAVEN, MICHIGAN.
Mention The Review when you write.

THE E. G. HILL CO.
Wholesale Florists,
RICHMOND, INDIANA.
Mention The Review when you write.

...YOU WILL FIND...
ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

The Greatest Victory Yet.

THE PIERSON FERN, NEPHROLEPIS PIERSONI,

Awarded S. A. F. GOLD MEDAL, ASHEVILLE CONVENTION, August 20th, 1902.

READ WHAT THE JUDGES SAY:

"The F. R. Pierson Co., Tarrytown, N. Y. A group of Nephrolepis Piersoni. Many magnificent specimens were staged in various sizes, both in pots and pans. The committee considers this the finest decorative fern introduced in recent years. Among Nephrolepis it is what Farleyense is among Adiantum. The committee strongly recommend that it be awarded the gold medal."

(Signed) HARRY PAPWORTH, WILLIAM SCOTT, LOUIS ULLRICH, } COMMITTEE.

THE ONLY GOLD MEDAL EVER AWARDED BY THE S. A. F.

NEW CROP PANSY SEED

Superb Show Mixture.... ⅛ oz. 75c; oz. $5.00
Finest Giant Strains oz. $2 50; in mixture, oz. 2.00
Cineraria, Giant Prize Mixed..... trade pkt. .75
Cineraria, new large flowering, striped, pkt. .25

NOW READY.	Per 100	Per 1000
L. Harrisii, 5x7	$4.50	$40.00
L. Harrisii 7x9	11.00	100.00
L. Candidum, 20 centi. and up	5.50	
Callas, 5¼ to 6-in. circumference	7.00	65.00
Callas, 4½ to 5¼-in. "	5.50	50.00
Freesias, 1¾ to 2½-in. "	.90	8.00
Roman Hyacinths, 12 to 15 centi...	2.50	24.00

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

Hardy Myrtle

Grand Stock, Extra Strong, Field-Grown.

$6.00 per 100; **$50.00** per 1000.

ABUTILON SAVITZII.

2-in. pots $3.00 per 100, 3-in. pots $6.00 per 100. Elegant plants for stock. Supply limited.

A. L. MILLER, Station E, **Brooklyn, N. Y.**

Mention The Review when you write.

Clearance Sale of ROSE PLANTS.

Elegant stock—never offered better plants. **Brides, Bridesmaids** and **Meteors,** 3-in., $3.00 per 100; $29.00 per 1000. Cash with order.

BRANT & NOE, Forest Glen, Chicago.

Mention The Review when you write.

ROSES for WINTER FLOWERING.

BRIDESMAIDS, Mme. HOSTE, SAFRANO, GOLDEN GATES, 3-inch pots, per 100, **$6.00.**

Grafted

IVORY (American Rose Co. stock) per 100, **$15.00.**
GOLDEN GATES (very fine) per 100, **$12.00.**
BRIDESMAIDS, 3½-inch pots, per 100, **$12.00.**

J. L. DILLON, Bloomsburg, Pa.

Revised List of ROSES on hand AUGUST 13, 1902, at Geo. A. Kuhl's,

PEKIN, ILL. Write him.

	2 by 2½-in.	2½ by 3-in.	3 by 3-in.
Meteors	200		
Brides	500	1600	
Maids	800		
Kaiserins		500	
Perles		300	
Liberties	700		
Golden Gates	500	200	700
Belle Siebrecht	150	300	

Strong 3-in. ROSES

Special very low prices to make room.
Splendid plants Extra good value.

3,000 Brides and Maids, 3-in ..... $40.00 per 1000
1,000 Golden Gates, 3-in., fine..... 45.00 "
2,000 Meteors, 3-in..... 30.00 "
2,000 Brides and Maids, 2x3-in..... 20.00 "
200 Kaiserins, 3-in., $5.00 per 100.

Note this offer: 100 at 1000 rate.

CARNATIONS, Marquis, Joost, Triumph, Jubilee, Scott, Armazindy.
Strong field plants, $5.00 per 100, $45.00 per 1000.
Mrs. Bradt, $7.00 per 100, $60.00 per 1000.

W. H. GULLETT & SONS, - LINCOLN, ILL.

Rose Plants for Winter Bloom

	Per 100	1000
1500 Golden Gate, extra fine, 3-in.,	$5.00	$40.00
1500 Meteor, extra fine, 3-in.....	5.00	40.00
1500 Kaiserin, extra fine, 3-in.....	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyers. Terms cash with order.

ADDRESS

S. Alfred Baur, ERIE, PA.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100; **$45.00** per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

OUR STOCK
Will Please
YOUR CUSTOMERS.
C. C. Pollworth Co.
Milwaukee, Wis.

Catalogue on application.

GREEN DAHLIAS.

Replying to the inquiry of John H. Vesey would say we have a green flowered dahlia here. It is listed as viridiflora.

A peculiarity of this freak is to sometimes have a flower with the outer petals of a deep red color. The plant is of compact growth and the flowers are borne on stems too short to be useful.

L. A. Martin.

Greenwich, Conn.

We had a dahlia plant that bore perpectly green blossoms the season of 1901. Whether it will repeat itself another season remains to be seen. The flowers were fully developed and double.

E. S. Thompson.

South Haven, Mich.

I am not a dahlia grower but I know of parties in this state that have had green dahlias for several years.

R. S. Hoxie.

Mattapoisett, Mass.

The variety is probably the viridiflora, known among dahlia growers for many years. I received my first stock from England twelve years ago and it was then an old variety. Strictly speaking it is a botanical monstrosity. Its flowers are not composed of petals but are simply a much enlarged calyx. As the green bunches get older a few red petals will often appear. Twice I have had sports from the variety that produced perfect red flowers. W. W. Wilmore.

Denver, Colo.

HEATING.

I have a lot of 1½-inch pipe. Can I use it for heating, and how many lines will I have to have to hold a temperature of 60 degrees? We have a drop every once in a while that will reach 10 or 12 degrees below. Bellefontaine.

Replying to Bellefontaine, to heat a little greenhouse 16x30 by water circulation to a temperature of 60 degrees, he will require, assuming there be glass on the roof and gables only, 15 lines of 1½-inch pipe, or if there be glass also on the vertical side walls, 17 lines of 1½-inch pipe would be required.

New York. Henry W. Gibbons.

Berlin, Conn.—Carl Merchant has moved away and is reported to have purchased a greenhouse property in New Haven.

PRIMROSES

	Per 100
Chinese	$2.00
Obconica Grand	2.00
Forbesi	2.00

Asparagus Sprengeri, 2-inch pots 2.00
Plumosus " " 3.00

CINERARIAS, ready October 1st 2.00
PANSY PLANTS, ready October 1st, $3.00 per 1000 .60

CASH OR C. O. D.

JOS. H. CUNNINGHAM, - - Delaware, Ohio.

Mention The Review when you write.

Poinsettias.

Fine strong plants, from 2½-in. pots.

At $8 00 per 100. These will make the very best plants for Christmas sales.

Wm. Scott, Main and Balcom Streets, **Buffalo, N. Y.**

Mention The Review when you write.

Smilax!

Strong plants, 2½-in. pots, ready for benching, **$1.00** per 100; **$10.00** per 1000

JOHN BROD, Niles Center, Ill.

Pansy Seed.

Mammoth Butterfly, very fine. 1000 seeds 25c. Choice named varieties, ⅛ oz., 75c; ½ oz., $2.50; oz., $4.00. Extra choice mixture, 20 var.; trade pkt., 35c.; oz., $4.00. Giant Trimardeau, high grade mixture, per oz., 75c. Giant Trimardeau named colors, 75c. to $4.00 per oz., 20 var. Above are imported direct from best growers. Seed all tested. JAS. U. MURRAY, Seedsman, Peoria, Ill.

WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

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Latania Borbonica

for growing on, 3-inch pots, fine plants, $6.00 per 100.

J. B. HEISS, The Exotic Nurseries, DAYTON, OHIO.

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We have the largest stock of

ARAUCARIA EXCELSA

In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above	$0.50
5½-in. pots, 12 to 14 inches	60c to .75
6-in. pots, 15 to 18 inches	75c to 1.00
Specimen	1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots	.75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen	from $4.00 to 5.00
Boston Ferns, 6-in. pots	.40

Cash with order please. To save express mention if pots to be taken off.

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Wholesale Grower and Importer of Pot Plants
1012 Ontario St., PHILADELPHIA, PA.

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JOSEPH HEACOCK,
WYNCOTE, PA.,

Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and **LATANIA BORBONICA**

Price List for the asking.

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YOU OUGHT TO TRY.

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants We pack them light and careful at **$3.75** per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

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DREER'S FINE FERNS!

Now is the time to lay in your supply of FERNS. We have in stock over one-half million plants grown in open frames, well-hardened and in prime condition to grow on for the coming season's use.

	In. Pots.	Per 100	Per 1000
Adiantum Aethiopicum	3	$10.00	.
" Bellum	2	5 00	.....
" Bausei	3	10.00	.....
" Capillus-Veneris	3	8 00	.....
" " Mairisii	3	10.00	....
" Cuneatum	2	3.50	$30.00
" "	3	6.00	50.00
" " Variegatum	2	4.00	.....
" "	3	6.00	.....
" Charlottæ	2	4.00	30.00
"	3	6.00	.
" Decorum	2	3.50	30 00
"	3	6 00	50.00
" Farleyense	2	8.00	.....
"	3	15 00	....
" Grandiceps	2	3.50	30.00
"	3	6.00	.
" Gracillimum	2	3.50	30.00
"	3	6.00	50.00
" Le Grandi	2	6.00	.....
"	3	8.00	.....
" Mundulum	2	4 00	.....
"	3	6.00	.
" Pubescens	2	3.00	25.00
" Rochfordianum	2	3.50	30.00
"	3	6 00	50.00
" Weigandii	2	6.00	50.00
" Rhodophyllum	2	5 00	.
"	3	8.00	.....
Aspidium Tsussimense	2¼	3.50	30.00
Asplenium Nidus-avis	3	20 00	.
Blechnum Braziliense	2¼	3.50	30.00
" Occidentale	2¼	3 50	30.00
" Rubrum	2¼	3 50	30.00
Cyrtomium Falcatum	2¼	3.50	30.00
" Fortunei	2¼	3.50	30.00
Davallia Fijensis Plumosa	2	8.00	.
" Majus	3	10.00	.....
" Pentaphylla	3	8.00	..
" Stricta	2¼	3.50	30.00
Dicksonia Antarctica	3	8.00	.
Doodia Aspera Multifida	2¼	3.50	30.00
" Caudata	2¼	3.50	30.00
Gymnogramme Sulphurea	2¼	5.00	.
Lastrea Aristata Variegata	2¼	3.50	30.00
" Chrysoloba	2¼	3.50	30.00
Lygodium Scandens	2¼	4.00	30.00

	In. Pots.	Per 100	Per 1000
Microlepia Hirta Cristata	2¼	$ 6.00	.....
" " "	3	10.00	.....
" " "	4	15.00	.....
Nephrolepis Bostoniensis	2¼	4.00	$35.00
"	6	40.00	....
" Cordata Compacta	2¼	4.00	35.00
" Duffii	3	6 00	.....
" "	4	10.00	.....
" Pectinata	3	6.00	.....
" Rufescens Tripinatifida	3	10 00	.....
Onychium Japonicum	2¼	3.50	....
Platyloma Falcata	2¼	4.00	35.00
Polypodium Aureum	2¼	3.00	25.00
" Areolata	2¼	3.50	30.00
" Fraxinitolia	2¼	3.50	30.00
Polystichum Coriaceum	2¼	4.00	35.00
" Setosum	2¼	3 50	30.00
Pteris Adiantoides	2¼	3.00	25 00
" Argentea	2¼	3.50	30.00
" Argyraea	2¼	3.50	30.00
" Cretica Albo-Lineata	2¼	3.50	30.00
" " Magnifica	2¼	3.50	30.00
" Hastata	2¼	3.00	25.00
" Harrisoni	2¼	3.50	30.00
" Internata	2¼	3.50	30.00
" Leptophylla	2¼	3.50	30.00
" Longifolia	2¼	4.00	.....
" " Mariesii	2¼	4 00	.....
" Nemoralis	2¼	3.50	.....
" Ouvrardi	2¼	3.50	30.00
" Palmata	2¼	3.50	30.00
" Serrulata	2¼	3.00	25.00
" " Cristata	2¼	3.50	30.00
" " Voluta	2¼	3.50	30 00
" Sieboldii	2¼	3.50	30.00
" Tremula	2¼	3 50	30.00
" Victoria	2¼	3.50	30.00
" Wimsetti	2¼	3.50	30.00
Selaginella Caesia	3	6.00	....
" Arborea	3	10.00	.....
" Cuspidata	3	6.00	.....
" Denticulata	3	5.00	.....
" Flabellata	3	6.00	.....
" Kraussiana Aurea	3	5.00	.....
" Variegata	3	5.00	.....
" Martensi	3	6.00	.....
" Vogelii	3	8.00	.....

Choice Mixed Ferns Our selection from 2¼-inch pots $3.00 per 100; $25.00 per 1000; $100.00 per 5000.

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EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. July 27, 1897; May 17, 1898.

Write for prices and circulars.

IGOE BROS.
226 N. 9th St., Brooklyn, N. Y.

CYCLAMEN GIGANTEUM or PERSICUM. Extra fine plants; ready for shifting for Christmas blooming, 3-in., $5 00 per 100. **Cinerarias,** 2-in., $2.00 per 100; 3-in., $3.00 per 100. **Smilax,** 2-in., $1 00 per 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100. **Primroses,** Chinese Fringed and Obconica, 2¼-inch, $2 00 per 100.

Cyclamen Persicum Seed, mixed, $4.00 per 1000 seeds. **Asparagus Sprengeri,** $1.75 per 1000 seeds. **Pansy,** Prize Strain Bugnots, Cassiers and Odiers or Giant Trimardeau, $2.00 per oz. All fresh seed.

SAMUEL WHITTON. 15-17 Gray Ave., UTICA, N. Y.

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Good Assortment, Standard Varieties, from 2¼-in. pots, **$2.00** per 100.

Giant Double Alyssum, 2¼-inch pot, $2.00 per 100.
Hardy English Ivy, 2¼-inch pot, $2.00 per 100.
Swainsona Alba, 2¼-inch pot, $2 00 per 100.
Baby Primrose, 2¼-inch pot, $2 00 per 100.
Lemon Verbena, 2¼-inch pot, $2.50 per 100.

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

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PANSIES. The Jennings Strain.

New Crop Seed Now Ready.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain: "The largest and finest colored flowers we have ever seen."

I grow only pansy seed and plants, and only the finest. Plants ready Sept. 1 at $1.00 per 1000. Finest Mixed, pkt., $1.00; ½-oz., $3 00; 1-oz. $5 00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

E. B. JENNINGS, Lock Box 254, Southport, Conn.
GROWER OF THE FINEST PANSIES.

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The New Nephrolepis Fern

Anna Foster

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

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W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **Ornamental Trees Shrubs Roses, Clematis, Fruit Trees, and Small Fruits** in great variety.

Send for our Wholesale Price List.

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LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

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English Manetti, $12.00 per 1000; French Manetti, $10.00 per 1000.
Special prices on large quantities.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.

BOBBINK & ATKINS, RUTHERFORD, N. J.

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DENVER, COLO.

The greenhouses are beginning to look like business again, since nearly all of them have been repaired from the effects of the hail, and the stock of roses, carnations and mums is looking good in most of them. Asters in general have been a failure, both through disease and the beetle, and I also find that they have another enemy, as our esteemed friend, Adam Balmer, can testify. He had a large patch of asters, from which he expected to get at least half a crop, but when he came out one morning he found that the third enemy had appeared during the night in the shape of some cows which had broken in and eaten or pulled up the whole business.

The new foreman, Mr. Smith, of Detroit, has assumed his duties at the Park Floral Co.'s.

On Tuesday, the 19th, a jolly lot of florists left for Colorado Springs as judges of the flower show held under the auspices of the El Paso Horticultural Society. They were John Berry, Adam Balmer, Robert Kurth, Phil Scott, E. Flohr and F. T. Rushmore. They were royally entertained by the florists of that place, and as the boys of the Springs are noted for their hospitality, one could not help enjoying himself.

We visited the establishments of Smith & Wright, Evans and William Clark and found them all busy, for the Springs being a summer resort and filled to overflowing with visitors, the summer trade is about as good as the winter. Smith & Wright are about to form a partnership with Mr. Evans, and as they will be backed with unlimited capital, we expect to see them the leading firm. At Crump's everything was in good shape, and especially the mums, and as Mr. Crump is one of the most genial and popular of florists, he has no trouble in getting and holding a large trade. We were particularly indebted to Messrs. Crump, Johnson and Smith for courtesies extended to us while at the Springs, and may their shadows never grow less.

We understand that Ben Boldt is having trouble with his artesian well, and they have to use water from the lake, which is full of alkali. They will most probably have to put down another well.

Not very much doing in the way of cut flowers, though first-class stock of roses and carnations is scarce and brings good prices. THORNE.

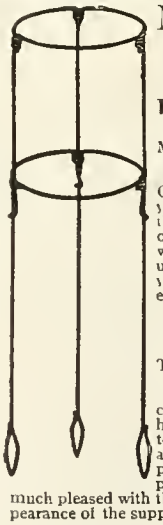
WHITEHALL, MICH.—Thomas Denham of Chicago has purchased the C. W. Redfern greenhouses, also Thos. C. Rogers' lease of same.

CYCAS REVOLUTA

We have an immense stock at from 25 cents to $3.00 each, and are selling out exceptional values.

THE GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.



NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING, L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen Mfg. Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. THORNE.

LA FAYETTE, IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. DORNER & SONS CO.

Galvanized Steel Rose Stakes.

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15,000 Geraniums, from 2½-in. pots. **Jean Viaud** (the pink novelty of the day), $3.00 per 100. **Duchess of Orleans** (the variegated wonder), Beaute Poitevine, E. G. Hill, Mme. Jaulin, Alphonse Ricard, Thos. Meehan, L. P. Morton, Athlete, Mme. Bruant, $2.00 per 100; $18.00 per 1000. Frances Perkins and S. A. Nutt (the leading bedders), $1.50 per 100; $15.00 per 1000.

25,000 Smilax, extra strong plants, from 2¼-inch pots, ready for planting, $1.00 per 100; $8.00 per 1000.

10,000 Asp. Sprengeri, extra strong 2¼-in., $1.50 per 100; 2½-in., fine, $2.00 per 100. CASH.

The W. T. Buckley Plant Co.,
SPRINGFIELD, ILL.

Asparagus Plumosus

3-inch pots, at $5.00 per 100.

SMILAX, 2-inch pots, at $1.50 per 100.

Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.

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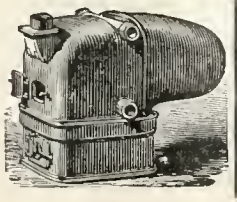

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Send Four Cents for Catalogue.

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WATERPROOF Corner Lock Style.

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DON'T USE OLD STORE BOXES.

If you have any doubt, send for samples, which speak for themselves.

Size No. 1	3x4½x16	$1.75 per 100;	$15.00 per 1000
" No. 2	3x6x18	2.00 "	18.00 "
" No. 3	4x8x18	2.40 "	22.00 "
" No. 4	3x6x20	2.75 "	25.00 "
" No. 5	4x8x22	3.00 "	28.00 "
" No. 6	4x8x28	3.75 "	35.00 "

The Livingston Seed Co., Columbus, O.

Box 104.

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USE

"NICOTICIDE"

Clean and harmless as **Fumigant** or **Spray.** Ask your seedsman for it or write to

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Nikoteen Aphis Punk It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. *All dealers sell it!*

Skabcura Dip Co. St. Louis — Chicago.

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Holds Glass Firmly

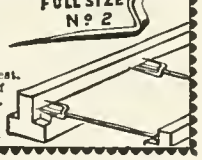
See the Point

PEERLESS

Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.

HENRY A. DREER, 714 Chestnut St., Phila., Pa.

FULL SIZE No 2



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are positively the best. Last forever. Over 6000 lbs. now in use.

A sure preventive of glass slipping. Effective on large or small glass. Easy to drive, easy to extract.

Two sizes, ⅝ and ⅞. 40c a lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00, by express. For Sale by

Vaughan's Seed Store, Chicago & New York
Henry F. Michell..... .....Philadelphia
W. C. Beckert.....Allegheny, Pa.
Livingston Seed Co .....Columbus, Ohio
Schlegel & Fottler.....Boston, Mass.
J. M. McCullough's Sons ..Cincinnati, Ohio
Carneal & Davis .....Richmond, Va.
Chas. T. Siebert, Station B, Pittsburg, Pa.

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G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

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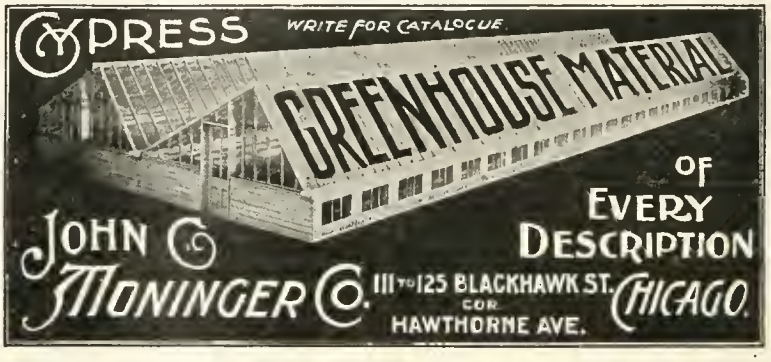

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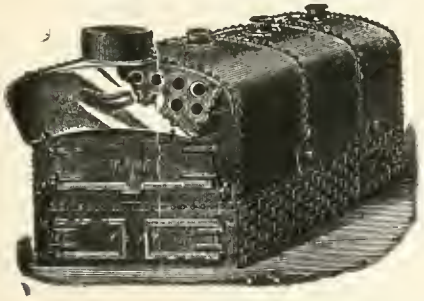

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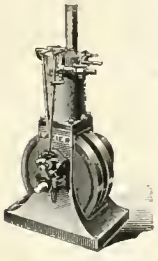

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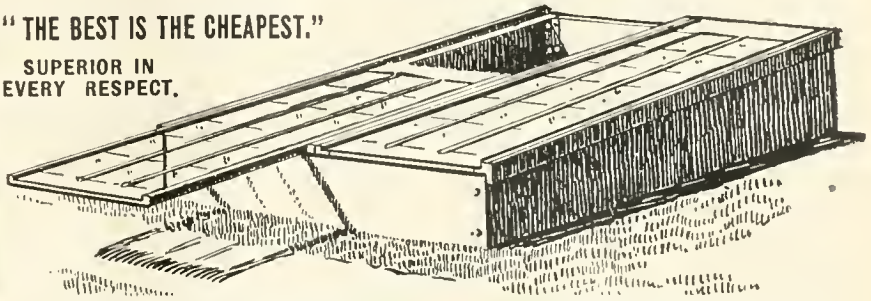

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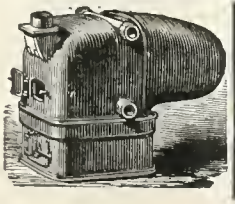

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M.
Jamaica Plain 261

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Vol. X. CHICAGO AND NEW YORK, SEPTEMBER 4, 1902. No. 249.

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1st size—They are beautiful, white, blush, rose, red, blue, separate, doz., 40 cts.; 100, $2.75; 1000, $25.00.

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1st size, extra large	.75	5.00	47.00
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Belmoreana or Forsteriana, 90 per cent germination	$0.50	$4.00	$17.50

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Fine plants, bench pots, **$12.00** a doz.
Also larger sizes at **$1 50** and **$2.00** each.

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MISCELLANEOUS SEASONABLE HINTS.

Geraniums.

The month of September ushers in a great deal of work, and for the next few weeks the foundation is laid for many of our next spring's crops. As important as any is the ever-popular zonale geranium, of which, if color is desired, there is no rival. Early September is the time to put in your main crop of cuttings, which will furnish you with strong flowering plants next May. It seems many months to grow a cheap plant, but they do not take up much room or fuel during winter, and can not be grown into a good plant in a few weeks as many of the bedding plants, such as salvia, heliotrope, etc., can.

For the benefit of the beginner I will repeat the oft-told story. Do not put them in the sand in a propagating bed. It may be quicker work at the start, but more time and labor later on; and what is of more consequence, they draw up weak and never make as vigorous and hardy plants as those put into pots; 2¼-inch pots will do for most of the varieties, and for the stronger growing sorts 2½-inch. A good loam, not too light or sandy, and a fifth or sixth part of well-rotted and sifted manure, is the right compost. You don't want these young plants after rooting to grow vigorously. You want them to get well rooted only and to remain rather dormant until the New Year.

The geraniums in the open ground that I have noticed this year have made a most luxuriant growth, more than is desirable for their flowering. The continuous rains of June and July account for that, so the cuttings will be soft and more liable to rot off than usual. A high temperature is also a help to this trouble. Be sure to pot these cuttings firmly; much depends on that. I will repeat once again that it is not on the surface that the soil need be firm; the watering does that. It is down in the soil where the bottom of the cutting rests that the soil should be compact and firm, and that is done by using your fingers as a wedge, and not just "thumbing" on the surface.

One good and thorough watering a few hours after being potted is sufficient for several days, but that will depend on their location and exposure. Don't water them again until they are decidedly on the dry side. They should have a light bench in any house where you have plenty of ventilation. The ideal condition for these cuttings is the same as that for many of our plants, which we *don't* give them, namely, shade for a few hours when needed and the rest of the twenty-four no shade. A light shade on the glass for the first ten days is all that is required; after that the full sun. I dare say there are lots of florists who have their benches so full of mums, etc., that there is no space to spare. Then a cold frame will do just as well for these cuttings, and with the sash raised back and front, and the facility for shading when necessary, it is just as good a place as the greenhouse.

I have been talking about zonale geraniums, not all our bedding geraniums, and some of them are better handled differently. The variegated and scented types we prefer to put in the sand in the propagating bench, or if the propagating bench is not convenient, then a flat two or three inches deep and filled with sand will do just as well. The ivy-leaf section should always be put in sand. I have recommended early September as the right time to propagate the most important section of these popular plants, because we never have cuttings enough, and by cutting the plants now you will get another fair lot of cuttings in October. Or, if necessary to lift the old plants, they will be in the best condition for so doing, and you have all the cuttings you can use; then two or three weeks later they will root just as well. The ivy-leaf varieties we seldom put in till near frost time. Remember, however, that the florist is too often a procrastinating creature, and the first intimation of frost finds him in a muddle with fifteen days' work crowded into one.

Pelargoniums.

I spoke some weeks ago about pelargoniums, saying that early September was a good time to propagate. It is, and now it should be done. Putting the cuttings in the sand is rather the surest way, but if that is not convenient pot them in 2¼-inch pots, as you do the zonales. The greatest mistake made by those growing pelargoniums without experience is that they are afraid to cut down the plants. Cut them down to within two or three inches of the top.

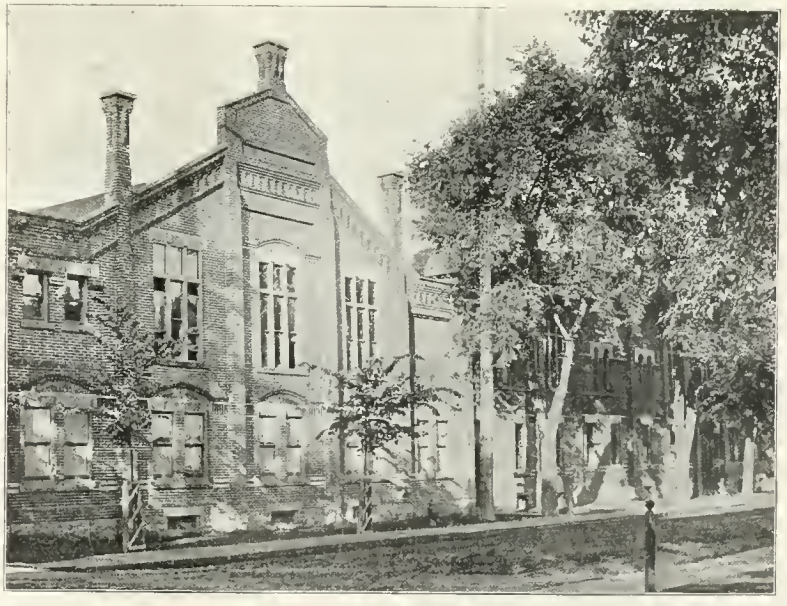
Cyclamen.

As the cooler weather approaches it will be easier to manage your cyclamen. It is about time the earliest had their last shift, either a 5, 6 or 7-inch pot. A frame with a little bottom heat will suit them well for another seven or eight weeks, and in the frame covered by sash you have the means of shading when necessary better than a house, but are more likely to neglect them in watering and syringing. A bench in a house where they will get the fullest light and plunged in a few inches of tobacco stems is a very safe place for them from now on. Some means should be provided to give them shade on sunny days from 10 to 3. Syringe every bright morning and never let up on the fumigating.

Crowding is with cyclamen as big a mistake as with other plants, only a little more so. Plenty of room must be given so that the form of the plant will be naturally developed, and if crowded together it is difficult to get at the aphis with smoke. Remember that if plunged in tobacco stems, and you have occasion to fumigate only once in two weeks, so much the better, because we do not see actual damage to our plants by fumigating. We are apt to think that they enjoy it. Not so. When fumigating strong enough to kill aphis we are also giving the plants quite a setback. Although it is not plainly visible, it is a check on their vigor, and in plants like cyclamen, that can be so easily surrounded by tobacco stems, it should always be done till flowering time.

Bouvardia.

It is now time to lift the bouvardia. It is a tropical plant, and, although submitting to a lower temperature when flowering than it would get in its native clime, it should never have the roots disturbed in cool weather when growing. If you grow this pretty flower lift them at once and plant on a bench in five inches of soil (light and well



Thistle Curling Rink, Hamilton, Ont., in which the Trade Exhibit and Floral Fete of the Canadian Horticultural Association was held this week.

manured). They must have shade for at least ten days, after which when established in their new quarters they want only the fullest light. I noticed last winter that the bouvardia was offered in our commission houses. It is a beautiful flower, but the craze for carnations and the ever universal rose and the quantity grown have put the bouvardia in the background. It is chiefly valuable at the holidays, and when once rooted on the bench, if you think any of the strong shoots will flower before Christmas, pinch them about half way down.

William Scott.

PALM TROUBLES.

I send you two pieces of palm leaves. The leaflets of one are covered with small, black lines running lengthwise; the other has its leaflets curled in the same direction. Please tell me if the leaves are diseased, and if so, what remedy to apply. Also please tell me how to get rid of the scaly bug and mealy bug. A. L. A.

The specimen palm leaves sent with this communication are very badly infested with insects instead of being diseased, and prompt treatment will be required in order to control the attack. The "small, black lines" referred to are scale insects of a species that is hard to eradicate, and if the entire plant is as badly infested as the leaf in question, I should be strongly tempted to burn it rather than to attempt cleaning it. This scale is more often seen upon the leaves of phœnix and licualas than upon those of Areca lutescens, but whatever be the host plant this insect propagates very rapidly, and also sticks closer than a brother.

A strong solution of whale-oil soap in which to dip the affected leaves will tend to loosen the insects, after which they may be sponged off, or else rubbed off with a soft tooth brush, but the leaves are very likely to be injured by the operation, and it is also a very tedious job.

The second specimen has suffered from a severe attack of red spider, and there are also indications of the small yellow thrips, and some soft scale and mealy bug are also in evidence. Sulpho-tobacco soap in solution, or a mixture of whale-oil soap and tobacco extract used as a dip or else applied to the leaves with a sponge would correct this trouble, but in case a strong soap dip is used for an areca it is wiser to give the plant another dip in clean water about one hour afterward, the leaves of this plant being somewhat susceptible to injury from strong applications of soap.

Regular and forcible syringing will also do much to prevent attacks of red spider and thrips, and the preparation known as "aphis punk" is very useful in killing off the mealy bug.

W. H. Taplin.

CARNATION MURPHY'S WHITE.

We present herewith an engraving from a photograph of a portion of a house of the new white carnation raised by Mr. William Murphy of Cincinnati, O., and named Murphy's White.

The plants in the house shown were lifted from the field and benched on July 1, and the photograph was taken on Aug. 12. The condition of the plants and the number of buds certainly speak well for the variety.

New Carnation Murphy's White. Benched July 1, Photographed August 12.

ROSES.

Seasonable Hints.

If there are any thrips in the Beauty houses the evidence of their presence will soon become apparent. The buds in their earlier stages will assume a blood-red color, and instead of being nicely pointed they will look as if they had been shortened with a knife. As the petals develop they will be crumpled and off-color.

On the first appearance of this pest no time should be lost, as they increase very rapidly. Fumigating lightly, frequently and persistently, will in most cases keep them so much in check that the damage will be light. As the insect leaves its shelter and works mostly during the night this is the best time to do the fumigating.

All buds which show signs of having been attacked should be picked off and destroyed. The benches, walks and ground under the benches should be kept clean of all rubbish and decaying leaves, as this affords a good shelter.

Those who are growing grafted stock would do well to watch for those shoots or suckers from the Manetti stocks. These, if allowed to make any headway, will quickly rob the scion of all nourishment. They should be carefully removed with a sharp knife, and not torn off, as is frequently done, as this leaves a ragged wound, which takes a long time to heal. Ribes.

CARNATION RECORDS.

Thinking it might interest the readers of The Review, I send you a copy of our record of blooms, picked from 1,000 carnation plants, all in one house, during the past winter.

The varieties were: 300 Flora Hill, 100 Evelina, 175 Bradt, 125 Jubilee, 100 Joost, 100 Crocker, 100 Daybreak. The Evelinas were thrown out soon after Easter to make room for the bedding stock. The plants when housed last fall were very small on account of the dry weather preceding. The quality of the blooms was as good as that of any we have seen of the same varieties and a great deal better than blooms of these varieties that we bought last winter. We received 50, 60 and 75 cents and $1 per dozen for them, getting the $1 only at Easter, while some we bought at 60 cents a dozen were hard to sell at 50 cents a dozen.

The Evelinas have not shown a particle of rust with us, and the blooms were as large as those of Hill, but the stems were much shorter. Ethel Crocker gave a number of splits during midwinter, but the most of them sold for 75 cents a dozen. On the whole, we were very much pleased with the number of blooms picked, considering the size of the plants when benched. This year our plants are much larger, and we hope to pick more this season.

Month.	Flora Hill.	Eve-lina.	Bradt.	Day-break.	Jub-ilee.	Joost.	Crock-er.
Oct ...	13	..	9	..	7	2	1
Nov ..	96	14	49	16	40	19	24
Dec ...	207	70	204	99	94	64	49
Jan ...	219	152	238	187	99	95	77
Feb ...	302	195	215	292	136	138	98
Mar ...	603	278	175	426	121	129	157
Apr ...1345		146	217	221	197	131	204
May ..1327		..	365	403	293	302	275

This makes a total of 10,757 for the eight months, or an average of a little better than 10 blooms to the plant.

P. F. S.

[We shall be pleased to receive similar records from others.—Ed.]

BUSINESS METHODS FOR BUSY FLORISTS.

X.

Loss and Gain Account.

Of whatever nature a business may be or in whatever manner it may be conducted, there comes a time once a year, when accounts should be balanced, inventory taken and the "loss or gain" for the year ascertained. Business system requires a balancing at least once a year, and no careful manager will think of conducting a business without a systematic "round up" at the end of the season.

In the florist business the most appropriate time for balancing the books is July 1st. Trade is then the dullest, stocks

The Beach at Hamilton, Ont., this Year's Convention City for the Canadian Horticultural Association.

are lowest and time for the work more plentiful than at any time during the year.

The first thing to be considered in closing the books is the inventory. A correct list of all merchandise handled by you, should be made out carefully, with the cost price attached—unless goods are shop-worn or damaged—in which case a reasonable reduction from cost price, for depleted values, should be made.

If you keep a store and handle baskets, jardinieres, fern dishes, etc., etc., their cost price is easily determined from the invoice. When growing plants, however, the case is different. Their value depends largely upon the care and attention bestowed upon them. Most growers will have one or more houses of roses for summer blooming, with perhaps several just replanted for winter blooming. Or they may have a house of ferns or palms or mums, or several acres planted to carnations outside, the actual value of which it will be difficult to determine. In the case of blooming plants not yet in crop, the market value at the time of planting, plus the labor of planting and caring for them and the cost of soil and fertilizers, will give their approximate value for inventory purposes. The actual cost of blooming plants in benches is determined by deducting from the cost of the plants and the labor, soil, etc., used in planting and growing them, the total proceeds from sales (wholesale) at that date, minus a fair percentage of profit.

For fear this is ambiguous I will illustrate: On July 1st you have house No. 13 in summer roses, containing 2,000 plants. These plants at time of planting were worth $70.00, labor in planting and caring for them has been $50.00, soil for benches cost you $10.00, fertilizers used $10.00, and coal for heating $25.00 more. As they stand, they represent a total cost of $165.00. You have sold from this house 4,000 roses, for which you received, at wholesale, $150.00.

From previous years' records you ascertain that roses can be grown for $2.00 per 100 for the season's average. The 4,000 already sold have therefore cost you $80.00. Deducting this amount from the $165.00 invested in the crop, gives you $85.00—the inventory value of the roses in No. 13. The market value of pot plants should be taken as their inventory value.

Your empty pots constitute another asset, the value of which will depend upon their age and condition. I think it is a fair figure to deduct 33 1-3 per cent from the first cost of all pots after being used once, and 50 per cent after twice using. Paper, twine, boxes, tools, etc., should also be inventoried, as they are assets at the beginning of the year's business.

The next, and usually most valuable items of the inventory, is the greenhouse plant; the ground they occupy, the buildings erected thereon, the boilers and all other property connected with the houses. To determine their value, no set rule can be laid down.

All greenhouses depreciate in value from year to year; some more, some less. The wooden greenhouses erected 15 or 20 years ago depreciated in value much more rapidly than the modern steel and glass structures. A house kept well painted and in repair from year to year, depreciates less than one which is never repaired: but whatever the material used in construction, or the repairs annually made, every greenhouse depreciates somewhat in value from year to year, and a certain percentage of its cost should be deducted each year for depreciation. If you have been in the business 15 or 20 years your past experience is a very good criterion for the present.

If a house has to be rebuilt in 20 years it depreciates 5 per cent each year. If it only lasts 10 years it depreciates 10 per cent annually, and so on in like proportion.

Your horses, wagons, harness, etc., should be depreciated in the same manner, though of course they will not last as long as a greenhouse and the shrinkage is that much larger.

Having completed our inventory, the next step towards closing the year's business is to ascertain our total outlay or expense. If an accurate account has been kept the total can be easily determined.

Our merchandise account can be totaled in the same manner, and the amount of the inventory deducted therefrom.

The sales' account having been kept from month to month, can be easily arrived at. If you do a cash business only, you know at the end of each day and month just what your sales have been. If you do a credit business you must make some allowance for bad debts, or in other words, anticipate your losses at the end of the year. As to what that will be, each one is his own best judge.

Some concerns lose as high as 5 per cent, but they are rare cases. I do not think the average retail florist loses more than 1 per cent of his sales each season. If he does, he should improve his methods. This anticipated loss should be deducted from the total of your sales' account, leaving a net sales' balance. The difference between this net sales' account and the sum of your expense and merchandise account constitutes the year's profit in business. If the sales are smaller than the expense of conducting the business a loss is shown. If the expense is smaller than the sales there is a gain. The net profit in the business ought not to be less than 10 per cent of the gross sales, and your annual sales ought to be from 100 to 200 per cent of the capital invested. Unless a man in business can make 10 per cent on the invested capital each season, he ought not to remain in the business.

SYSTEM.

CONVENTION MEMORIES.

The Idlewild journey to Overlook Park on Sunset Mountain with its glorious panorama, its exhilerating ozone, and its watermelon festivity, will never be forgotten. Most of the "400" climbed the high tower and "viewed the landscape o'er." When shall our eyes look upon so glorious a vision again! As Alex. Wallace sang it, so say we all: "Oh, the beautiful hills!" It was worth all the long journey, that morning on the mountain top "nearer heaven," as William Scott put it, "than many of you will ever get again!"

That "Baltmore" experience seems like "a dream," so unreal, so impossible. This great mansion, the wonderful verdure, the forest, the finished driveway skirted for miles by exuberant vegetation, the perfection of everything in this far away country, so modern, so dissimilar to all its surroundings. What can compare with it in all the world. Miles upon miles of mountain scenery with Mount Pisgah reaching its giant finger to the heavens far away.

The dances at the Battery Park hotel were well attended. Several of the florists participated. Senator Charlie McKellar was the "observed of all ob-

servers" and in his silk hat and swallow tail was a "bird!"

Young Mr. Wienhoeber of Chicago did his alma mater—Cornell—honor, as well as himself, by his scholarly essay. He is a credit to the rising floricultural generation, and several of the young lady visitors seemed to agree with me.

Mr. Sullivan of Detroit made a creditable debut as a presiding officer. His fine voice could be easily heard all over and under the auditorium. If he could bowl as well as he can "put the motion" Detroit might not have occupied the lower rung of the ladder.

J. F. Wilcox and Mrs. Wilcox of Council Bluffs were greatly missed and the sympathy and love of the whole convention go out to them in their great sorrow.

A telegram from Edgar Sanders, announcing "I am getting well," was received with uproarious cheering. Edgar has grit enough to get to many more conventions before he joins the larger one, where we shall all meet again.

The business meetings of the convention were never better attended anywhere. The excitement over the contests for place of meeting and secretary was intense, but good natured.

The remarkable phenomenon of cool weather in the shade while it was "scorching" in the sun, was realized for the first time by many. Nowhere else except in Denver have I found this strange contradiction. On the whole, the weather was charming, the nights delightfully cool and refreshing, the air was dry and pure. Sleep was such sweet rejuvenation that everybody went to bed early, with the possible exception of the bottomless pot man.

It was a fat man's convention. Several 300 pounders were there. "Baby" Foley of Chicago was the especial pet of the ladies and of course "took the cake," and also a little of what made Milwaukee famous, and his speech in behalf of Milwaukee also made him famous. But Mr. Foley was not the only fat man, and there were ten of 'em that weighed a ton! It was an oversight to have no fat man's race for all over 200. Next year I will offer a $10 prize to the fat man who runs 100 yards the fastest.

That bowling contest was too one-sided. Those fellows from Philadelphia have been practicing day and night for a year back. They had us all shaking before we threw a ball. But they can't do it again. Their private supply of "nerve tonic" was hardly a fair advantage to take over opponents whose inspiration was founded on cheese, crackers and ginger ale. But let that pass. It will never happen again!

Many realized the meaning of "Southern hospitality." The best homes were thrown open for the accommodation of those who found the hotels crowded and the charges for rest and comfort were nominal. We all fell in love with the big-hearted, genial residents of Asheville.

C. W. Ward accompanied Harlan P. Kelsey, the galax king, to his nursery at Kanawa, N. C., 2,000 feet nearer the clouds than the convention city.

One of the best known of the southern visitors was Caldwell, the Woodsman, of Alabama, the wild smilax discoverer.

The orators of the day were, as usual, O'Mara and Scott. Their speeches at Biltmore were great. O'Mara's response to the eloquent address of welcome was one of his best. Robert Bottomley was a delightful host and overflowed with smiles and hearty greetings. Pollworth's talk for Milwaukee was a masterpiece of practical argumentation.

The journey home was delightful. A happy trainful enjoyed the mountains, the mist clouds rising in the early morning, the quaint cabins, the pickaninnies, the chicken dinners, the trout streams, the muddy rivers and the old battle grounds.

AUSTIN SHAW.

MIL-WAU-KEE—NINETEEN-THREE.

During the selection of a city for the next convention at Asheville, a new departure was introduced by the Chicago "warm bunch" that elicited tremendous applause and developed a great deal of interest.

After the invitations had all been read, and during a lull in the speeches for the various cities, suddenly five figures arose simultaneously from one of the rear seats, each with small flags that were waved back and forth in unison, and the five recited together in voices of surprising strength this little sonnet of Shakespeare McKellar's:

In nineteen three,
We'll go to Milwaukee.
In nineteen three,
A bright spot for me.
Milwauk, Milwauk,
Milwaukee.

This was repeated, and then followed a verse of similar tenor sung to the air of a popular tune. The perpetrators were E. F. Winterson, C. W. McKellar, Fritz Bahr, Philip J. Foley and James Hartshorne. They put a lot of welcome life into the proceedings and even the advocates of other cities could not help enjoying the situation. The humor was contagious.

By the way, the warm interest taken in the selection this year was an excellent contrast to last year. Such contests put life and interest into the conventions. One gentleman spoke to the writer afterward of "the great amount of time wasted over the selection this year." The time wasn't wasted. It was the best used time during the convention. And those who have complained of the lack of attendance at many of the sessions have had their answer. It would be a black day for the S. A. F. were the selection to be placed in the hands of the executive committee, and that is what it would have amounted to had the suggestion of recommendations by the committee been carried out. It is an encouraging sign of vigor and strength in the membership that this movement was buried so deeply. All the wisdom of the society is not in the executive committee and the members do not need nursing nearly so much as some people seem to imagine. Keep up the interest among the members on the floor if you want to keep up a live interest in the society and its work.

The action of the representatives of Baltimore and Washington in moving to make the selection of Milwaukee unanimous was most graceful and shows the spirit of the membership. Cincinnati's action in withdrawing earlier was also done in a way to make her remembered later. "We could be happy with either were t'other dear charmer away." Their turns will all come.

WILLIAM G. BERTERMANN.

[Address read by E. G. Hill at the Memorial meeting of the Society of Indiana Florists at Indianapolis, in honor of the late William G. Bertermann.]

It is impossible to do full justice to the memory of William G. Bertermann, for he abounded in excellent traits of character, and I hesitate to undertake the task assigned me, fearing I may not be able to do him the honor due his character and life work. Most of those present have had the pleasure of knowing him intimately and well, and, like myself, thoroughly appreciated and valued his unchanging friendship.

My acquaintance dates back some twenty years, but not until the founding of our state society did I come to know him thoroughly. One of his finest qualities was the intense earnestness with which he went into an undertaking; every one who knew him was impressed by this marked trait of character. From the very inception of our state organization he threw into it every force and energy necessary to make it a success, sparing neither time, labor nor money to carry out the plans and purposes of the society. As our faithful and painstaking secretary for so many years, we owe him and his memory a large debt of gratitude for the success which crowned our many undertakings.

William G. Bertermann was both thoughtful and resourceful. It was my pleasure to be taken into his confidence and to have explained to me his ideas and plans of his vigorous mind, especially in regard to matters pertaining to the holding of our annual meetings and exhibitions. Very few of us realized the great amount of thought which he gave to our interests while serving us. I was very often surprised and delighted with the novelty of his plans and the energy with which he carried them to a successful conclusion, for many of the problems presented to him were intricate in the extreme. He was pre-eminently practical in his planning, and the fame of our exhibition was in a large measure due to the wise forethought, discretion and energetic work of our secretary. He dreaded ruts, and his effort was always for the novel and the artistic, and he possessed a knowledge of the public taste which was really wonderful.

He had the welfare of the profession ever at heart, and one of his oftenest expressed and most fervent desires was that the members of this society and the craft in general might come to a better appreciation of our profession in relation to the natural and artistic development which has been taking place in this country of ours and which is still going forward. He thought that the majority of florists should be more careful in their dress, in the appointments of their places of business, and as to the dignity of demeanor as befitted those who were thrown in contact with the most beautiful things of nature. This thought was constantly with him and he often spoke of the reform necessary in these particulars.

William G. Bertermann was appointed on the executive committee of our National Society while I was serving as president, and I was amazed at the time and thought he gave to this office. Through a reorganization of the executive body we were favored with his services for one year only; it would have been

Banquet of the Milwaukee Florists' Club in Honor of C. C. Pollworth, August 26.

well for the society if it could have had his services longer.

He planned large things for the firm of which he was a member, and the large share of trade which the firm enjoyed came from the fact that the public had learned to know him and gave him and his brothers the fullest measure of its confidence and trust.

William G. Bertermann was an observant man and he profited by his travels and journeys, never failing to bring back ideas and suggestions which he could incorporate into his own work in the way of elevating floral art.

William G. Bertermann's ideas regarding the need of a close study of decorative art, and the insistence of putting into practice his thoughts and ideas on this line relative to hall adornment and decorative effects led at times to harsh criticism and words of disapproval from many of his florist friends; but looking back over the past, I think that we are all agreed now that he was right in insisting that our annual meeting place should be so beautiful that it should serve as an educational factor with the general public as well as with the trade.

I shall ever remember with pride and pleasure my acquaintance with William G. Bertermann, the warmth and strength of his friendship, his sunny disposition, his even temper. I shall always value the pleasant hours of companionship spent with him.

My last converse with him was late last autumn when we went over most minutely all the details of our last exhibition, he giving his ideas as to what should be done at another time, should an exhibition be held, and on this same occasion he spoke of the carnation meeting to come and unfolded his plans concerning the entertainment and work incident to that most interesting occasion. Alas! we were not favored to have him with us last February in person, but we of the state society know that he was present with us in spirit.

William G. Bertermann was possessed of a noble, generous spirit and his kindness of heart made for him many true friends. We shall mourn his loss. We have to-day a better and keener appreciation of the motives which actuated him, and I know that his memory will be a pleasant fragrance filling our minds with better thoughts and higher ideals concerning the things which are vital to our profession.

The tributes of esteem which surrounded our brother's bier and which bedecked his covered grave in peaceful Crown Hill cemetery were most fitting testimonials to the esteem in which he was held by his family, his friends and his professional brethren. His life work was cut short; his courageous battle against disease was fought valiantly but in vain. May he have sweet peace such as is given to those who are loyal to truth and right.

PHILADELPHIA.

The Market.

The market is quiet now; a holiday beginning the week was not conducive to a very brisk start, still a fair amount of business is being done. Some really long Beauties can be had now with 30-inch stems and fair flowers. Asters are not as plentiful as at this time last year. Kaiserins are plentiful and of every grade from great long stemmed extras down to little weak stemmed buddies. Valley is very fair. Lubens is sending some nice stock to Leo Niessen. Outdoor stuff can be had at very moderate prices and helps to fill out a design or an order wonderfully.

Marketing Cut Flowers.

The fourth meeting, held last week as announced, was the best attended and liveliest of all. The committee, after a month's hard work, was unexpectedly defeated at the very moment when success seemed assured. This was accomplished by the prestige of H. H. Battles and the enthusiasm which his eloquence inspired. It is probable that this will strengthen the market though it will require more time to carry out the new plan. The meeting was called to order by the chairman, W. K. Harris; Secretary Rust read the minutes of the previous meeting and the report of the Boston market.

H. H. Battles claimed the right as a grower to be heard, which was readily granted. He elaborated a plan which would include all branches of our business in one great market. J. W. Young replied that the suggestion would be gladly taken up by the directors later; now, the committee wished a temporary treasurer and board of directors elected with power to incorporate, sufficient stock and stalls having been taken, but Mr. Battles was on his feet in an instant; the plan was not broad enough; the capital should be $500,000, not $10,000. Joseph Heacock said people thought so much money was not needed; the present plan gave ample scope. Mr. Battles replied that Philadelphia ought to have a market worthy of her great industries in all lines, where buyers from all over the country would congregate. W. K. Harris said he would subscribe $500 to the enterprise organized on a broad basis. L. H. Tull said his firm, the H. A. Dreer Co., would take 50 shares if plants were admitted. H. C. Geiger said his firm, the Floral Exchange, would take at least 10 shares on the broad lines.

After further discussion the committee was increased from three to seven, the chair appointing H. H. Battles, John Burton, Frank P. Myers and L. H. Tull, with instructions to formulate a plan in conformity with Mr. Battles' ideas. It was stated that S. S. Pennock had withdrawn from the committee owing to the feeling among the growers that commission men should not be connected with the market.

The next meeting will be held at Horticultural Hall, Broad street, Thursday, September 11, at 8 p. m., and it is expected that the organization of the Philadelphia Wholesale Flower Market will then be perfected.

White Marsh.

It is a pretty trolley ride out old Germantown avenue past many historic places up to Chestnut Hill. You leave the cars at their terminus at the Wheel Pump tavern and strike out the Bethlehem pike for half a mile. On the top of the second hill is a five-acre lot, overlooking the White Marsh valley. Here is a busy scene in the quiet country. A pretty house, large and convenient, is nearing completion; further back two greenhouses are planted and three more are being built, while on one side a large tent affords temporary shelter for a family, evidently enjoying the novelty of camping out. This is the new home of George E. Campbell, where for two months he has been working hard to get things in order for the winter campaign.

His ground is high and level; his houses are 16x21, two are planted, one with Maids and one with Brides in solid beds, two others in course of erection are for carnations, chiefly Joost, Hill and Lawson, all now in the field. The fifth house is narrower and will be used for propagating. Water is obtained from a well 74 feet deep by means of a gasoline engine at a minimum cost. A large tank will be used as a reservoir. A nine 50-horse power return tubular boiler is ready to lower into pit, which is 11 feet deep and 4x10 feet, piping soon for heat. There is every reason to believe that Mr. Campbell's energy and industry will make him even more successful here as a cut flower grower than he was in the city as a plant grower.

Our Seedsmen.

I have been ask'd to write
Over my evening weed,
'Bout bisness men so bright
Who deal in bulbs and seed

I want to make a noise
To give a mighty cheer
For all those hustling "boys"
Who form the firm of Dreer

Then too, for handsome Fred
Who pulls so strong and well
Under the brainy head
Of Henry F. Michell.

Market street near Third, that's
Place where Johnson & Stokes
Show Spark's early tomat's
To all good Jersey folks

In gardens we should see
Each grand new Eckford pearl.
For these go to Burpee
And ask for Howard Earle.

Moore, Simon; nor will a
List contain nearly all
Thougt, Buist, Landreth, Philler,
Waterer, Watson and Maule.

They love a change—one day
They'll dine on oyster stew,
The next at la Francaise
At the Hotel Bellevue.

Sometimes they're "up" you'll think,
But ne'er will they "go down."
All real good chaps, the pink
Of our old Quaker town.

Notes.

H. Bayersdorfer & Co. are very busy. The senior partner has returned from Europe.

William K. Harris won three prizes at Asheville, two for shooting and one for bowling.

C. F. Knorr & Bro., Fox Chase, have a great reputation for fine tea roses. They have five houses, three of Maids and two of Brides, all in benches with outside walks. The stock is in good condition.

John Savage is rebuilding one house.

Phil feels that he owes an apology to Captain Moss and the members of the Philadelphia bowling team for not "rooting" for them more. Really, gentlemen, the way the scrub tore holes in you was discouraging. That third game in the first match and then those seven little pins! But never mind, you did nobly, and so we are all proud of you. PHIL.

Correction.

Through the accidental omission of a few lines in these notes last week two items were badly mixed. The first paragraph under "Notes" should have been divided into two as follows:

Richard Lange has given up his place in the city, which has been torn down and removed to Norristown, where he will start in business.

C. H. Campbell has succeeded his brother in the plant business at 3601 Germantown, Ave.

BOSTON.

The Market.

Things are really getting summer-like after all! The thermometer is beginning to sit up and take notice; the frequent little rainfalls have ceased; the quality of indoor flowers is seriously affected and the voice of the harvest fly is heard in the land.

Roses are plentiful enough but most of them are very poor, Kaiserins and Carnots running the best of anything. Very good white pinks are fairly plentiful, but colored ones are rather scarce and prices upon them are reviving. While the white ones sell for a cent to a cent and a half, color affects the price to a possible two and a half.

Earlier varieties of asters are getting fewer and smaller, but arrivals of large later kinds much more than keep the balance of trade on the aster side of the question.

Hopes and fears alternate as thoughts bend towards the probable approach of cooler weather, and the probable danger of a warm fall to offset the cool summer.

Here and There.

Richwagen has been tuning up his place to accord with the music of the coming season. His houses were exactly on the line between ancient and modern, and consequently well worth modernizing. He has pulled the heating apparatus all over and worked the kinks out of it, thereby hoping to do away with two out of three old boilers; put in more than double the old number of ventilators, and attached latest devices for raising; clewed all up tight, set 21,000 carnation plants and looks so infernally serene about it that I'll bet he has got money left yet!

It is rumored that Mr. Molloy, formerly on the Boston end of the Waban Rose force, is to take the road again with a similar line.

The Waban Rose baseball team ambushed the Brimstone Corners at Natick on Saturday last and nearly annihilated the whole outfit. They must have scalps to burn, but all hands are reticent on the details of the casualty list. A score of 28 to 5, however, takes the pain out of the place where the Brimstones hit them so hard a few weeks ago.

The annual sale of the choice of stalls in the Boston Flower Market will take place Saturday, September 13, 1902, at 9 o'clock a. m. By vote of the board of directors, no bids will be received from persons in arrears for rent. All premiums bid for stalls at this sale must be paid on or before October 1, 1902, or no lease will be issued, and the stall will be let to other parties.

J. S. MANTER.

BUFFALO.

Very beautiful summer weather has blessed us for the past two or three weeks and it seems to have come when most people were taking their summer vacations. Perhaps, after all, it was a warm wave from the south that made Asheville so blistering, and the warm came north, for we have had many hot days since then. The correspondents of our contemporaries report little doing in our city, and they are doubtless right, and we don't expect much for a month.

Mr. Kasting is expected home from Europe about the 7th, and to learn that, I visited his emporium. It was loaded down with asters and only the very best are of any value.

Rudolph Boettger, of Eggertsville, just outside the northern city line, is the king of aster growers. It must be Semple's strain, but Ruddie has saved his own seed for several years and it's not all in the seed; culture has much to do with his success. He sends them into town with 3-foot stems, and white, pink and purple flowers 6 and 7 inches in diameter. This naturally puts the fairly good asters in the shade.

Charlie Gunther, of Hamburg, is sending in his usual fine cut of Kaiserin roses; they are first class. Also a few good Carnots; more of the latter should be grown for summer.

Beauties are coming from the east about as fast as we want them, and car nations have at last dropped out of sight. There has been an abundance of the lancifolium lilies, roseum and album, and most useful they all are for the occasion where flowers are most often used at this time.

There was quite a flutter through almost all grades of society last Saturday. It was Buffalo's first Derby Day and society patronized it. We have now a first-class race course, will have high class racing and are gradually getting more and more metropolitan. This new "Kenilworth" race course is on the northern boundary of the city and within sight and easy walking distance of the poor house, so when broke you have not far to go. I am afraid nearly all the florists attended except one. He was at Corfu helping dig a ditch to convey water from one range to another.

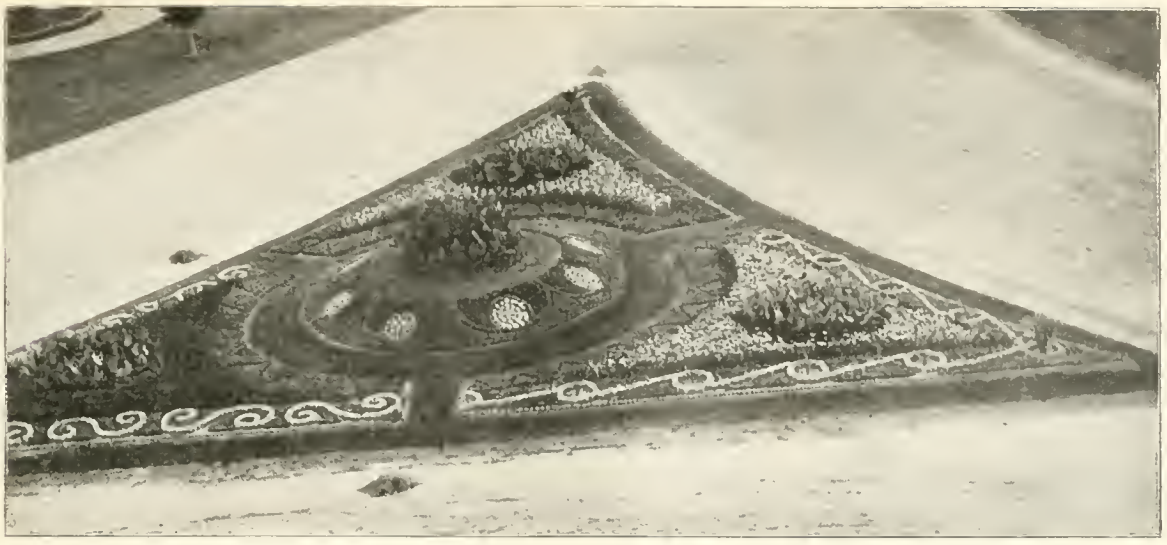
Mr. Louis H. Neubeck has been very energetic in getting his place in order at Corfu. The extensive place needed considerable fixing, but Louis' energy and all around ability will soon put things straight. He has lately had the valuable services of Mr. Michael Bloy.

I was ashamed of Buffalo's delegation to Asheville. It's true I can mention some pretty large towns in this state that did not have one single representative, but those cities will never be identified so closely with the national society. We had the convention; twice been honored with members of the executive committee; once, if I remember rightly, a president; have won bowling trophies so numerous that the fire insurance on them is now a tax on the club, and with all these honors we can only send two old men. Men and boys, you should sacrifice some of your pleasures for duty and loyalty to a noble cause.

A few Sundays ago in the early morning of a lovely day I had the pleasure to share the comfortable seating capacity of Capt. Braik's buggy while he drove over almost the entire park system. I have watched our parks since the first spade was sunk into the swamp in the fall of 1870. Though, like all the parks of the country, there is more or less politics injected into their management, as long as the actual superintendent is kept at the helm with his heart and energy in his work, as has our James Braik all will go well with us. Never in the life of our parks have they been in more superb order. The bounteous rains, 'tis true, put a color and freshness on grass and tree and shrub, but with all that, there was a neatness and good order pervading all that has never been surpassed.

The flower gardening in our parks is but a very secondary consideration, and here it is confined to public squares or a concourse of easy access to the multitude. The Parade, the Front, the Circle, the Zoo, and the small city parks are where the gaudy colors are introduced, and there they are entirely appropriate. Here and there you will find a poor forlorn little bed of geraniums, a mile from any neighbor, absurd in its loneliness and surroundings. These will disappear in time, and are purely the remnants of former recent mismanagement.

You could not afford me space, Mr. Editor, to mention, even, the many points of interest. The lily pond at the



Fancy Bedding at the National Soldiers' Home, Grant County, Ind. Carl Anderson, Gardener.

Parade is worth a special visit. The Circle as you enter it from aristocratic North street, is about perfection. It strikes you as charming, and I will just say here that the flower gardening was never equalled in our parks. It is well done and splendidly maintained. The glorious meadow, with its natural undulating surface and stately trees has been kept mowed and never looked so well. The word park is much abused and twisted. There are picnic parks and shooting parks and driving parks that are as much entitled to be called parks as a bowling alley. Here in this "Meadow" is a true park, and long may it survive any encroachment of a cinder path or speeding path or anything that will in the least mar its pastoral beauty.

Much more could I say, but in conclusion I must with great pleasure inform you that all the defacement or injury done by the Pan-American by its use of the lake and its surroundings is entirely unobservable even at this early date. The shrubs that were cut down are not missed; they were overgrown and badly needed thinning out. An emerald lawn now covers the slopes of the lake where the madding crowd viewed the fireworks. A trifling sum has restored what little surface damage was done, and our parks were never more beautiful and should be the pride of every citizen. W. S.

FANCY BEDDING.

The accompanying engraving is from a photograph of some bedding on the grounds of the National Military Home, Grant Co., Ind., where Carl Anderson is gardener. The triangle is 90 feet long and 80 feet at base. In one corner are Florence Vaughan cannas and Stella Gurney ageratums, in the next are Philadelphia cannas and Vinca major, and in the third are Mme. Crozy cannas and coleus. As will be seen by the picture, these are surrounded by carpet bedding effects. It took about 20,000 plants to plant this triangle.

NEW YORK.

The Market.

Saturday, as usual in the wholesale market, was encouraging, as it cleared the ice boxes of accumulations and gave business a chance to commence operations with a clean sheet on Monday morning. But prices and quality are at low tide and extremely hot weather at the start of this week, with Labor Day closing make a bad beginning for September.

Carnations begin to appreciate in price, and have climbed to $10 per 1,000 for the best. Good roses are scarce and bring fair prices, while long stemmed asters are in demand and in some cases have commanded as high as $4 per 100. Lilies are abundant and there seems to be no end to the shipments of gladioli. The very best sell for $10 per 1,000, but 90 per cent of the stock goes for 50 cents per 100.

Items.

The coal question will not down, and a great multitude of florists are looking with anxious eyes for the good news of the strike termination. Senator Platt says it will come within two weeks. One big dealer is "offering to take orders for October delivery at $6 a ton," which is evidently a bluff. Meantime $12 to $14 is the price, and the bins are empty. No assurance of relief is yet in sight, and only those whose very existence depends upon a break in prices can realize the anxiety of the thousands of growers in this vicinity.

The wholesale men, with hardly an exception, have remodeled, enlarged and repainted their offices and stores, so that at the beginning of no season for years have these establishments looked so inviting, or prepared so elaborately for a great business.

The great floral fete at Saratoga begins to-day (Monday) and will eclipse all its predecessors as a gorgeous spectacle. The ball decorations to-night will use an enormous quantity of smilax, laurel and gladioli. The floral parade is on Thursday and will be the event of the week. The demand for flowers of all kinds ought to deplete this market.

The Newport season is about over. Another week will see the end. Society moves to Lennox. The President will be there and the luncheon and ball in his honor, Wednesday, is to be an elaborate affair.

The season at Newport has been one of the best the florists have ever enjoyed. All have been overwhelmed with work and each one claims the best summer of his experience there.

Mr. Wadley, who was so badly injured in the Central tunnel disaster some months ago, is now convalescent and has just returned from a stay in the mountains almost himself again. He will be back in New York this winter at the old stand.

Siebrecht & Son are completely remodeling their old store at 409 5th avenue, having just re-leased the property for a term of years. Practically, it will be a new store and conservatory. The old greenhouse, 35x25 feet, will be rebuilt with iron frames and heavy glass, and the new conservatory, 130x25 feet, will be a model, with rookeries, grottos, and every modern convenience.

J. H. Troy is absorbing a week's ocean air at Bar Harbor with a touch of business on the side. Mrs. Troy and son are summering in the Catskills.

Mr. Downing of the "Resary" has been outing from one end of Long Island to the other. Mrs. Kelly, the genial bookkeeper of this firm, takes her holiday abroad next season.

Herrmann is overwhelmed with orders. His warerooms are stocked with filled boxes, labeled for shipment in September, and already the amount of business (September 1) is sufficient to guarantee a large month's outgo.

Mr. Nash has returned from the mountains "brown as a berry" and in excellent health. Mr. John Kral of this establishment is away for a week's camping on Captains' Island.

H. J. McIntosh, of Broadway, has been summering at Long Branch, and among his other accomplishments, saved a balloonist from drowning. Unfortunately it was a *male* æronaut and there are "no cards," but he "saved his man" all right and would have saved him *faster* if he had been a lady.

Mrs. Savin, the popular bookkeeper at Traendly & Schenck's, is back from a two weeks' sojourn in Canada.

John P. Cleary looks thoroughly refreshed and ready for the strain on his voice which begins next Friday with the first auction of the season. On Wednesday, September 23, he conducts the annual auction at Dreyer's greenhouses at Woodside, L. I.

Alex. Burns has the sympathy of the

trade in the continued illness of his wife whose severe accident gives her little hope of recovery.

Mr. Schultheis, of College Point, is nursing a sprained ankle which a trip to the convention might have prevented.

James Weir, of Brooklyn, has mastered the intricacies of appendicitis and is rapidly getting well.

Charles Small and wife of J. H. Small & Sons, are back from a two months' trip in Europe, which was much enjoyed.

Some shippers of bay trees and bulbs to Asheville from this town are rejoicing in the belief that the element of risk will be eliminated next year, and that their exhibits will reach the convention at Milwaukee sometime before the sessions close. Bobbink & Atkins and Clucas & Boddington both have occasion to remember the Asheville exhibition.

The "Southland" brought vividly to our notice the galax leaf industry. The number handling this commodity in New York is on the increase. A. J. Fellouris, who has lately opened another store at 468 6th avenue, near 28th street, has been in this line for years. His brother is now associated with him and these young men have built up an extensive business, handling also all kinds of ferns and evergreens. They were born near Sparta, Greece, and like many of their countrymen, have become excellent American citizens.

September opens with about the hottest weather of the summer; too warm for bowling, but—well, look out for New York at Milwaukee. The winter campaign promises to be a warm one, and with one-half the facilities and attention and practice given the game by those Philadelphians, the result of any future contests would easily be foretold. It's a wonder those Brotherly Love people didn't take home the next convention! They got about everything else.

Next Monday night is the regular monthly meeting of the New York Florists' Club. It will be of importance in view of the rapid approach of the flower show. Some interesting exhibits are also expected. The meeting will be held at 128 East 28th street. A large attendance is expected.

J. Austin Shaw.

CHICAGO.

The Market.

The supply of stock is continually increasing, but demand is very irregular. Some days the demand will be brisk and all flowers of good quality will be well cleaned up at satisfactory prices, and on others there will be so little call that even the best stock will not move at any price. What demand there is seems to come from outside points, the calls from local dealers being few. On some days the shipments will be as numerous as in the height of the season and again they will be so few as to indicate a universal lack of demand. The average results are nearer those of the usual summer dullness than we have had before this season.

There seems to be an abundance of carnations from field plants, and the receipts of asters are probably double those of last year. And the quality, at least of the later blooming asters, is far ahead of last year on the average.

On roses of shipping grade, the quotations are $3 to $4, and on carnations $1 to $1.50. A very good grade of carnation can be had for $1.00. Large lots of under-grade roses and carnations are jobbed off on days of light demand at unpleasantly-low figures. On asters $1.50 per 100 is obtained for the best on days of fair demand, while on the off days some bad slaughters are made. On Tuesday a sale of 10,000 asters, mixed accumulated stock, was sold at $1.00 per 1,000. Another lot of 5,000 fairly good blooms was sold at $2.00 per 1,000. And the dealer later had to dump 5,000 more.

Under present conditions the growers might as well save themselves the trouble of cutting and shipping Golden Glow rudebeckias and gladioli. They do not find any demand at any price.

Various Items.

John Poehlmann is laid up with a badly sprained knee, which he acquired while making a home-run in a recent ball game at Morton Grove. His foot caught in a rut in the ground and his leg was twisted as he fell. It will probably keep him at home for a week or more. But the injury is somewhat salved by the fact that prior to the accident he rolled up runs galore for his side by knocking the ball several times into an adjoining county.

G. H. Pieser, secretary of Kennicott Bros. Co., returned from his vacation looking and feeling as fine as silk.

John Muir has been on the sick list several weeks, but is now improving.

The latest report regarding Edgar Sanders is that, while he has not been improving as rapidly as could be wished, Tuesday morning his condition was satisfactory.

That scrub bowling team at Asheville might have done a good deal worse than it did. Second position was pretty good, considering the fact that several who make no pretension to be bowlers were obliged to come in to fill out the team. At Milwaukee we should have a team that is all wool and a yard wide. St. Louis will undoubtedly be there in full warpaint, as well as Philadelphia and New York. It is not too early to get to work. A warm series of league games this winter will put the old-timers into good trim and possibly develop some new blood. Get together, boys, and go into training.

Some extra fine asters with stems two and two and one-half feet long, and some of the blooms five inches across, were noted this week at J. A. Budlong's. Even under present market conditions they brought $2 per 100. And the most interesting part is that these blooms were grown by John Zeck, the manager, in his own garden.

The changes at the establishment of Kennicott Bros. Co. are now about completed, and they make this a model place for the handling of cut flowers.

D. Y. Elinson and George Waldbart of St. Louis, D. B. Woodruff of Macon, Ga., and Mrs. Milo Brown of Spirit Lake, Ia., were recent visitors.

The boilermakers' strike has now been satisfactorily settled, and florists who had boilers in course of construction are relieved.

The greenhouses of Mrs. L. Hagemann, who died June 2, at Morgan Park, are to be torn down and removed.

At Des Plaines F. L. Pruse has retired from the business, having leased his greenhouses to the Des Plaines Floral Co., which is composed of H. C. Blewitt, Harry Blewitt and John Prickett. The lease dates from Sept. 1. The plant will be devoted mainly to carnations. H. C. Blewitt will retain his old establishment as before, and the leased greenhouses will be in charge of his son, Harry Blewitt, who has for many years been with Peter Reinberg.

Mr. J. J. Curran and family of Kalamazoo, Mich., are visiting Mr. D. Wood Brant, of Brant & Noe, at Forest Glen.

Mr. B. Eschner, of M. Rice & Co., Philadelphia, was a visitor this week, and reports large sales in the supply line. He shows many very attractive specialties, including a remarkable line of ribbons and the silk velvet crepe paper, which is a most decided advance on the old style paper.

ST. LOUIS.

The Market.

The cool nights of the past week have improved stock of all kinds, and cut roses of all varieties are looking fine, with plenty of them in the market, except first-class Beauties. I noticed last week some very fine Meteors of good color and elegant foliage, which brought as high as $4, and from that down to $2, according to the length of stem. Maids and Brides are yet a little soft, but have fine, long stems, the best of which bring $3. Some good Kaiserins, Carnots and Gates are also seen in the market. The few good Beauties that come in bring $2.50 per dozen; short stuff from 60 cents to $1 per dozen.

Carnations are also looking somewhat better. The only trouble with them is that the short-stemmed ones have good blooms and the long stems have poor blooms. Good Lawsons with short stems bring $1 per 100. The whites are very poor. The bulk of the stock is sold at 50 and 75 cents. The only other salable flowers in the market just now are asters of the Semple varieties. Those with fine blooms and long stems bring from $1 to $2 per 100. Only the white and purple sell; the other colors are usually dumped.

Valley had a good demand the past week, but seems scarce. We hope from now on that the reports from the markets will be better, and that we all shall have a good trade this coming season.

Visitors.

After-convention drummers flooded the town the past week. The combination was: Martin Reukauf, representing H. Bayersdorfer & Co.; B. Eschner of M. Rice & Co., and Mr. Fancourt of Pennock's, all of Philadelphia, and L. Baumann of Richter & Baumann, Chicago.

Notes.

Fred C. Weber and family, who stayed a week longer at Asheville, returned home Saturday much pleased with their trip.

George Windler, vice-president-elect of the club, and John Connon are back from Asheville and report a grand time.

John Young and family returned home Saturday from Atlantic City, N. J., after a stay of four weeks. Mrs. Young has fully recovered from her recent injuries.

George Waldbart spent a week in Chicago before returning home from the convention.

John W. Kunz was around the past week calling on his friends. John is

Elk Design in a Floral Parade.

looking the picture of health. He has several good offers under consideration, but nothing doing as yet.

Club Meeting.

Don't forget the regular monthly meeting of the club next Thursday afternoon in the Odd Fellows' building. A large attendance is expected at this interesting meeting. There is a surprise in store for the members in the installation ceremonies, coupled with the work of Brother Barnes of the Missouri Botanical Garden. Vice-President-elect Windler and F. C. Weber will tell us all about the Asheville convention, so don't forget to be on hand or you will miss a treat.

Of Interest to Bowlers.

The florist bowlers will be divided this season. Kuehn, Sturtz and Beneke have signed with the Unicum team, Ellison and Meyer with the Diel Stars and Clark and Beyer with the Turners, all of whom will play in the same league. The best of the florists will still keep up the Florists' Club team and roll every Monday night. It will be made up of F. C. Weber, John Young, C. C. Sanders, Theo Miller, F. M. Ellis, William Adels, R. F. Tesson and George Windler. The league bowlers will be on hand on off nights and roll with them. From this bunch of bowlers a team will be made up in the spring to bowl at Milwaukee next August. We will keep our rivals throughout the country posted from time to time on our progress. J. J. B.

ELK DESIGN IN FLORAL PARADE.

One of the finest floats ever seen in any floral parade was made up by the Windmiller Co., of Mankato, Minn. It was during the Elks' carnival in that city that Pauline Windmiller conceived the idea of entering in the floral parade, and a huge elk about eight feet high made up of asters, achillea and various other flowers and mounted on a large platform wagon, decorated with foliage plants, was made up on short notice and surprised the residents by its attractiveness. It easily captured first honors. The ribbons were handled by Miss Windmiller, representing Columbia, and she was kept exceedingly busy acknowledging the showers of applause bestowed upon her. C. C. P.

And now the daily papers are talking of "The Chrysanthemum Trust." If the dream will only materialize the reporters will be forgiven.

CINCINNATI.

The Fall Festival.

The Cincinnati Fall Festival, which will be held this year from September 15 to 27, inclusive, is offering $500 as premiums for table decorations, design work and cut flowers, to be shown during the festival. There will be two special days on which the prizes will be competed for, and as they are very liberal a good display may be looked forward to. The dates of the floral exhibits will be Thursday, September 18, and Thursday, September 25. Several have already expressed their intention of competing.

The Market.

There has been a slight improvement in the condition of our market during the past week. Not only were there more flowers of better quality, but there was a better demand. Nearly every one had a little funeral work. Labor day helped things out a little, and many short-stemmed roses were disposed of for button-hole bouquets. An improvement is also noticed in other quarters, and it is now only a question of a few weeks till fall trade will open up and we will forget the dull times during summer.

All grades of stock are showing a marked improvement, and a few weeks of cool weather is what is most needed now. Roses are improving nicely, but the number of A1 stock is as yet very limited. The price has not changed any, but is still as quoted last week, and it is not likely to change for some time. Beauties are coming in increased numbers, and are first-class stock. The best grade reaches $1.50 to $2 per dozen, with shorter-stemmed ones at 75 cents to $1. These blooms are really very good for this time of the year, and meet a very good demand. Some first-class Kaiserins are to be had, and sell well. Meteors and Liberties arrive in quantities, and sell slowly. There is very little demand for that color in any kind of flower at present, except Beauty.

Carnations are also improving, but as yet few are being cut from indoors. Field-grown blooms are about the same as they always are, and 50 cents per 100 is top figure for them. Indoor stock reaches $1, and there is a good demand for it. Carnation plants were unusually good about here this fall, and a first-class crop of flowers is being looked forward to by all growers.

Asters from the north are beginning to arrive, and they are first-class stock; $1.50 per 100 is obtained for them, and they sell very well. There are some gladioli also that go well at 2 to 3 cents. There is plenty of smilax and Asparagus plumosus, and there will be good sale for this stock durin gthe next few weeks, owing to many decorations.

Items.

The annual "Harvest Home" at Green township, near this city, took place last Thursday. There were four florists who exhibited for the premiums offered. They were J. T. Conger, George Murphy, Robert Murphy and E. Reutenschoer. The latter took all of the premiums offered.

Visitors during the past week were: E. J. Fancourt and Martin Reukauf, Philadelphia, Pa., and Frank Snyder, Gallipolis, O.

C. J. Ohmer.

ST. PAUL.

Trade and Personal Notes.

A careful review of August business shows a nice increase in trade over last year's figures.

Instead of being the dull season, August has been quite a busy month. Everything grown by the average florist has sold well. Roses have been scarce, not enough to meet the demand, and a great many blooms have been shipped in. Carnations seem unusually scarce and many thousand blooms have been purchased by the store men. There has been an abundance of sweet peas which have been in good demand.

The convention at Asheville is now a matter of the past, but it very wisely decided to meet at Milwaukee next year. This is cheering news to the Twin City florists, who should attend in goodly numbers.

P. H. Anderson, well and favorably known to the florists in this city, has purchased the Campbell greenhouses in St. Cloud and will conduct the business hereafter under the firm name of the Anderson Floral Co. Next year he expects to move the houses onto his own land and build several more in addition.

Stock at the Warrendale greenhouses is in fine condition and promises well for another season. The roses here are all grown on their own roots. Club root is unknown, and roses on their own roots are said to produce more blooms than grafted ones.

Chris Hansen has returned from his visit to the Canadian Northwest much invigorated in health.

N. C. Hansen has his new carnation house nearly completed.

E. F. Lemke has his new range on Hague avenue about finished. His range on University avenue has all been newly painted.

L. L. May & Co. have their new houses about completed, except the glazing. Four of the houses have been planted to roses. Recent rains washed the foundations of one of the benches away so that it fell to the ground under its heavy load, necessitating the replanting of it.

A. S. Swanson is rebuilding the conservatory in connection with his city store.

H. W. Bunde, it is rumored, will engage in the florist business some time this month.

SAMUEL S. PENNOCK, Wholesale Florist.
BEAUTIES. 1612 Ludlow St. PHILADELPHIA, PA.
During July and August will close at 6 P. M. Saturdays at 1 P. M. L. D. Telephone.
Mention The Review when you write.

This is State Fair week and the Minneapolis brethren are competing keenly for the several premiums. E. Nagel & Co., Mendenhall, Minneapolis Floral Co. and John Vasatka all have fine displays of plants. L. L. May & Co. of this city have an elegant display of palms and cut flowers in connection with their seed exhibit in the main building.

Mr. R. Latham has resumed his position with Donaldson & Co. and now has charge of the cut flower department at the city store. Mr. Souden will be general superintendent of the department, but will devote most of his time to the greenhouse.

Mr. Blome, representing C. C. Pollworth Co. of Milwaukee, was a recent caller.

The Asheville souvenir has reached us and is most attractive and nicely gotten up. Those of us who could not go can read this book and the convention minutes and almost feel that we have been there. X. Y. Z.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

J. B. Trudo, Alderbend, N. Y., registers carnation Wingold; result of a cross between Mrs. Lawson and an unnamed white; color, Lawson pink, with wide white lengthwise stripes, sometimes white-tipped; lower petals half white, transversely; size, three to four inches, very double and fragrant; height, two feet.

The name, Miss Alice Roosevelt, as applied to a carnation raised by J. B. Trudo, has been withdrawn, there being another carnation to which the name had previously been given. The name now substituted by Mr. Trudo is Biltmore. It is described as a seedling from Mrs. Lawson X Eldorado; color, white, dotted and splashed with carmine; flower three and one-half to four inches in diameter, full, fringed, clove fragrance; foliage glaucous, stems stiff, height two feet.

Wm. J. Stewart, Secretary.

Springfield, Ill.—The Illinois State Fair of 1902 will be held here Sept. 29 to Oct. 4, inclusive. The horticultural section is in charge of W. A. Young. John Thorpe of Chicago will be one of the judges. Copies of the premium list may be had by addressing W. C. Garrard, secretary, this city.

Colorado Springs, Colo.—The Colorado Springs Floral Co. has been incorporated with a capital stock of $10,000. The incorporators are Wm. H. Evans, Geo. Wright and Walter Scott.

Salt Lake City, Utah.—Victor V. Morris has opened a floral store at 142 South Main street.

Quincy, Ill.—Herman Gentemann, the florist, and Miss Anna Bradshaw were married Aug. 20th.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 25 words in any one issue desired during the year. If the advertisement exceeds 25 words, send at the rate of one cent for each additional word.

SITUATION WANTED—To take charge of 15,000 to 20,000 feet of glass. Plants or cut flowers. Address No. 27, care Florists' Review.

WANTED—A young man with some practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits, and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

WANTED—A single man to grow roses, carnations and bedding stock. Must be sober and industrious. To such a man good wages with board will be given. J. W. Margrave & Co., Hiawatha, Kansas.

FOR SALE—A great bargain. Three greenhouses, 6000 feet of glass, well stocked with carnations, chrysanthemums, roses and general bedding stock, in a live, growing town in Western Pennsylvania. Address Bargain, care Florists' Review.

FOR SALE—One flat boiler, in good condition, 5½ inches high, 8x8 feet; has heated one rose house 24x80 feet; one flow and two returns for 4-inch pipe; price $35.00. Delivered on car in St. Paul. Henry Krinke, 45 West Jessamine Street, St. Paul, Minn.

FOR SALE—To be torn down. Three greenhouses with about 3,00 feet of glass, 12x14 double thick; 4-inch pipes, boiler, etc. Inquire 111 E. Madison St., Chicago. Fred. Weyand.

TO EXCHANGE—I will exchange extra fine established plants, calla lilies, ready for 6 and 7-inch pots; also bl oded stock Be gian hares, for good field-grown carnation plants. Geo. Staffinger, Springville, N. Y.

WANTED—Small hot water boiler for soft coal, to heat 1000 feet of glass; state size, make and condition. Nemaha Greenhouses, Seneca, Kansas.

SITUATION WANTED—As working foreman on commercial place where first class stock is wanted; 15 years' practical experience; reference. Ed. Wiseman, 1502 Buchanan Avenue, St. Joseph, Mo.

FOR SALE—Greenhouse, containing 4000 feet of glass in a lively and growing town in Northern Indiana; a new 6-room dwelling on place. A rare chance for a good florist with small capital. Write for particulars to W. G. Haebich, Auburn, Ind.

FOR SALE—Good 15-horse power boiler; perfect; price reasonable. Staffinger, Springville, N. Y.

FOR SALE—One Hitchings boiler, No. 15, and 500 feet of 2½-in. steam pipe, just as good as new. J. Russler, 102 and Butler Sts., Chicago.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1000 or $1,500 as partner. Address S. S., care Florists' Review.

FOR SALE—A fine large Marine hot water boiler; perfect condition. Wm. Lee, Bedford, Ohio.

WANTED—750 feet 1-inch, and 275 feet 2-inch wrought iron pipe; second hand, but must be good. M. A. Barick, Seymour, Ind.

WANTED—Two men married or single with experience in roses and carnations. State wages wanted. F. Burki, Bellevue, Pa.

WANTED—A cast iron boiler for hard coal large enough to heat 1000 feet of 4-inch pipe. State size, price and condition. Address N. K., care Florists' Review.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—Competent storeman, must be able to make up and decorate; references required. Central Greenhouses, Sandusky, Ohio.

FOR SALE—Some extra good second hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

WANTED—A working foreman to take charge of 22,000 square feet of glass where first class roses and carnations are to be grown, also one house of poinsettia; one assistant. State age and wages expected, including boarding and washing. Apply to John L. Wyland, De Haven, Pa.

FLORISTS' PLACE FOR SALE.

Two greenhouses, iron construction, covering near 3000 feet of glass; dwelling house and barn, etc.; all in best condition; on New York Bay. Inquire of

F. SCHWEIZER, New Durham, N. J.

WANTED.

October 1st, competent and reliable man to take charge of a retail flower store in Colorado. Must be experienced and thoroughly understand the business, especially designing and decorating. Give experience, references and salary expected. Only an A-No.-1 man can hold the place. Address Colorado, care Florists' Review.

For Sale at a Bargain

Greenhouses, 25,000 square feet of glass, all in good condition and paying well; within 20 miles of Chicago. Owner is going to retire from business. Address

F. S., care Florists' Review.

FOR RENT. ONLY $35 00 per month.

Five Greenhouses, about 60x15 feet each; several frames for hardy plants and about half an acre of extra ground; 6-room dwelling and bath; located in Philadelphia city. There is excellent local trade.

Apply to HENRY F. MICHELL,
1018 Market St., PHILADELPHIA, PA

WANTED.

ROSE GROWER and NIGHT FIREMAN.

ROSE GROWER thoroughly competent to grow Beauty and Teas.

NIGHT FIREMAN to understand pipe-fitting. State reference and wages.

W. K. PARTRIDGE,
LOCKLAND, near CINCINNATI, OHIO.
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Asparagus Plumosus

3-inch pots, at $5.00 per 100.

SMILAX, 2-inch pots, at $1.50 per 100

Bone Meal, The best for Florists' use, at $3.50 per 200-lb. bag.

ALBERT M. HERR, Lancaster, Pa.
Mention The Review when you write.

FERNS—Extra Choice Stock.

Nephro Cordata Com., 2½-in., $5.00 per 100; 3-in., $8.00 per 100; 4-in., $10.00 per 100. Boston Ferns, 2½-in. $3.50 per 100; 3 in., $7.50. The 2½-in. stock of above average 7 fronds and are from 10 to 12 inches high.

Asparagus Sprengi., 4-in., $7.00 per 100. Asparagus Plum., 3½-in. $6.00 per 100. New Double Begonia Semp., such as Triomphe de Lorraine, Gloire de Montet, Boule de Neige and others, strong, 3-in. pots, $4.00 per 100. Cash with order.

H. ERNST & SON, WASHINGTON, MO.
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VALLEY, BEAUTIES.

N. W. Cor. 13th and Filbert Streets,

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SELECTED WHITE CALLAS....

Sound, well cured California grown Bulbs and free from disease. No blind bulbs sent out.
3-5 inches in circumference, 50c per doz.: $3.50 per 100.
4-6 " " " 75c " 5.50 "

SELECTED FREESIAS, exceptionally fine California Bulbs, suitable for florists. 10c per doz.; 60c per 100; $5.00 per 1000.

WHITE ROMAN HYACINTHS, (scarce) 12-15 centimeters.....35c per doz.: $2.60 per 100; $21.00 per 1000.

PAPER WHITE GRANDIFLORA NARCISSUS, 13 centimeters. $1.00 per 100; $8.50 per 1000.

Send for our New Bulb and Flower Seed List.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA Wholesale Flower Market

Growers of Cut Flowers and Plants, also Dealers in Supplies, such as are used by florists, are invited to attend a meeting to organize the above market, at HORTICULTURAL HALL, Broad St., below Locust, Philadelphia, on **Thursday, Sept. 11, 1902,** at 8 p. m.

DAVID RUST, Secretary.

PIPING.

We are building two houses 60 feet long and 18 and 20 feet wide, 6-foot walls, 12 feet to gables, 32 inches of glass in walls; houses run north and south; shed and boiler on north end. How many runs of 4-inch pipe will we need in the 18-foot house under side benches? What size flows? We use the 4-inch, as we have them on hand. How many runs of 1½-inch will we need in the 20-foot house and what size flows? Want the returns under the side benches, flows overhead, as heater will be on top of ground; temperature, 60 degrees.

K. & S.

Replying to K. & S., the 18x60 house he describes will require nine lines of 4-inch pipes, two of which will be for overhead flows. For the 20x60 house, sixteen lines of 1½-inch pipe with two 4-inch overhead flows. Why not sink the heater in the ground, as by keeping it above best results cannot be obtained and a continued additional cost for fuel is entailed?

HENRY W. GIBBONS.

New York.

HOLYOKE, MASS.

Harry Sinclair, the genial foreman of Howland's greenhouses, has resigned his position and will accept a similar place with Fields of Northampton.

The general trade in this vicinity is steadily increasing, with very good weather and plenty of flowers.

IXO.

CORRECTION.

We have received word from Mr. Leo Niessen, of Philadelphia, that Mr. Sanders is in error in the statement in his essay that he was at one time in the employ of Mr. S. S. Pennock. Mr. Niessen says that he has never at any time been in the employ of anyone in the commission business.

SPECIAL CLEARING SALE.

To Move Quick we will offer the following stock, strictly first class in every respect and true to name, at the following reduced prices:

15 000 Geraniums, from 2½-in. pots. **Jean Viaud** (the pink novelty of the day), $5.00 per 100. **Duchess of Orleans** (the variegated wonder), Beaute Poitevine, E. G. Hill, Mme. Jaulin, Alphonse Riccard, Thos. Meehan, L. P. Morton, Athlete Mme. Bruant, $2.00 per 100; $15.00 per 1000. Frances Perkins and S. A. Nutt (the leading bedders), $1.50 per 100; $15.00 per 1000.

25,000 Smilax, extra strong plants, from 2¼-inch pots, ready for planting, $1.00 per 100; $8.00 per 1000.

10,000 Asp. Sprengeri, extra strong 2¼-in., $1.50 per 100; 2½-in., fine, $2.00 per 100. CASH.

The W. T. Buckley Plant Co.,
SPRINGFIELD, ILL.

Last Call for MUMS!

ABOUT 5000 LEFT.

Chadwick, Eaton, Appleton, O. P. Bassett, Ivory, and others, price, $14.00 per 1000. Nice young stuff. 8 or 9 of these in 8-inch flat pot make nice pot plant. Get your order in now.

POEHLMANN BROS. CO., Morton Grove, Ill.

Mention The Review when you write.

Asparagus Plumosus Strong plants from 2-in. pots, $4.00 per 100; $30.00 per 1000.

ROSES Fine, strong 4-in. pot plants of Ivory, $15.00 per 100.

5,000 ENGLISH IVY Strong plants in 3-in. pots, $5.00 per 100; $35.00 per 1000.

ISAAC H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

FRUIT AND FLOWER PLATES

Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN

SEND FOR PRICE LIST.

Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.

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Valley and all seasonable summer flowers.

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Specialties: Bridesmaids, Brides and Beauties.

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GROWERS wishing good field-grown Carnations of the following varieties: Joost, Crocker, Duke of York, Scott Cattledge and a fine Red Seedling, write at once to—

EUGENE BERNHEIMER,

WHOLESALE FLORIST,

11 S. 16th Street, PHILADELPHIA, PA.

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PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

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Garland Evergreen Co.

Shippers of all kinds of Decorative Evergreens, Wild Smilax, Fancy and Dagger Ferns, Mosses, Holly, Etc. Also Southern Smilax, Plants.

Wire for prices. GARLAND, ALA.

Mention The Review when you write.

CYCLAMEN GIGANTEUM or PERSICUM. Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00 per 100. Cinerarias, 2-in., $2.00 per 100; 3-in., $3.00 per 100. Smilax, 2-in., $1.00 per 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100. Primroses, Chinese Fringed and Obconica, 2¼-inch, $2.00 per 100.

Cyclamen Persicum Seed, mixed, $4.00 per 1000 seeds. Asparagus Sprengeri, $.75 per 1000 seeds. Pansy, Prize Strain Bugnots, Cassiers and Odiers or Giant Trimardeau, $2.00 per oz. All fresh seed.

SAMUEL WHITTON, 15-17 Grey Ave., UTICA, N. Y.

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Florists' Review
When Writing Advertisers.

Charles Millang, 50 W. 29th St. NEW YORK.

O ye! our buyers here in gay Manhattan,
And you, our shippers true, whose purse we fatten!
Remember, **Lilies**; South, North, East and West—
Seem all to know the man who sells them best;
And still this song the Lilies sing—Long live Millang, the "Lily King."

All Kinds of Flowers and plenty of them.

Reasonable Prices Square Dealing. Out-of-town florists promptly attended to.
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

PIPING.

In answer to the inquiry of W. H. M., the main flow from the boiler should be 3½-inch and the return 2½-inch. One 2-inch steam flow should run under purlin on each slope of the roof and connect with three returns of 1¼-inch pipe under each side bench. One 1½-inch steam flow should extend along under the ridge and return through two 1¼-inch returns, one of which would be placed under each of the center benches.

The boiler should have a capacity equal to 15 horse-power. A cast-iron sectional boiler could be used for this work, having about 1,100 square inches of grate area.

New York. HENRY W. GIBBONS.

THE CHRYSANTHEMUM SOCIETY.

At a meeting of the Chrysanthemum Society of America at Asheville the present board of officers was held over till the annual meeting, to be held in Chicago, next November. At that time a general meeting will be held, essays will be read, and it is expected that the proceedings will be recorded in the annual report of the S. A. F.

As this will be the first time a general meeting will have been held during the chrysanthemum season, and as the exhibition will naturally be a strong attraction, it is expected that there will be a large gathering of chrysanthemum specialists in Chicago Nov. 4 to 8.

WIRED TOOTHPICKS.

Among the labor-saving devices recently introduced, the machine-wired toothpicks shown at recent conventions by W. J. Cowee, Berlin, N. Y., seem worthy of special attention. They certainly save a great deal of hand labor, and labor and time saved are equivalent to money earned. Anyone who has not yet used these ready wired toothpicks should not fail to try them.

CORRECTION.

In our report of the exhibition at Asheville an error crept into our description of the Burnham round steam boiler. We should have said that the boiler is cast in one piece from base to top, doing away with all joints, and thus representing a step forward in boiler construction. The company makes this style boiler both for steam and hot water in several sizes.

CLINTON, IA.—John R. Bather, son of Andrew Bather, the florist, was drowned Aug. 21 in the Mississippi river while bathing at a point near Comanche. Mr. Bather was a very popular young man and was born in this place 23 years ago. A host of friends deeply sympathize with the stricken parents in their bereavement.

HEADQUARTERS FOR NOVELTIES
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
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THE PIONEER HOUSE of the Cut-Flower Commission Business.
Open every day at 6 a. m.
Always "on deck."
Your business interests never neglected.
J. K. ALLEN
WHOLESALE FLORIST,
106 W. 28th Street, Tel. No. 168 Madison Sq. NEW YORK CITY
We ship all over the U. S.
Out-of-town florists telegraph your needs.
Consignments of first class flowers always realize with us the best market prices.
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ALEX. J. GUTTMAN,
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No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.
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MOORE, HENTZ & NASH,
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55-57 West 26th St., New York.
SHIPPING ON COMMISSION.
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Geo. Saltford,
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
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HARDY CUT
FANCY AND DAGGER FERNS
Mosses, Laurel, Bouquet Evergreen, Festooning, Wreaths, Hemlock and Spruce Boughs.
H. J. SMITH, P. O. Box 181 Hinsdale, Mass.
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YOU WILL FIND **ALL** THE BEST OFFERS **ALL** the time in the Review's Classified Advs.

A. J. FELLOURIS,
Wholesale and Retail Dealer in all kinds of
EVERGREENS.
GALAX, Bronze and Green, $1.00 per 1000.
FERNS, FANCY .... $1.50 per 1000. DAGGER .....75c "
330 East 33rd St.,
also 468 6th Ave., bet. 28th and 29th Sts.
NEW YORK.
Telephone 1431 Madison Square.
Mention The Review when you write.

BURBANK'S
Shasta Daisy.
New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $18.00 per oz.

Pansy, Giant Mixed, $1.00 per oz.; $10.00 per lb
Asparagus Sprengeri, $1.50 per 1000 seeds.
PLANTS.
Shasta Daisy, 2-in., $10.00 per 100; 3½-in., $15.00 per 100. Asparagus Pl. Nanus, 2½-in., $3.00 per 100; $25.00 per 1000; 3½-in., extra fine, $5.00 per 100; $40.00 per 1000. Calla Bulbs, 1st size, $4.00 per 100; 250 at 1000 rate. Express prepaid.
California Carnation Co., Loomis, Cal., U.S.A.
Mention The Review when you write.

ZIRNGIEBEL
GIANT PANSIES.
Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.
DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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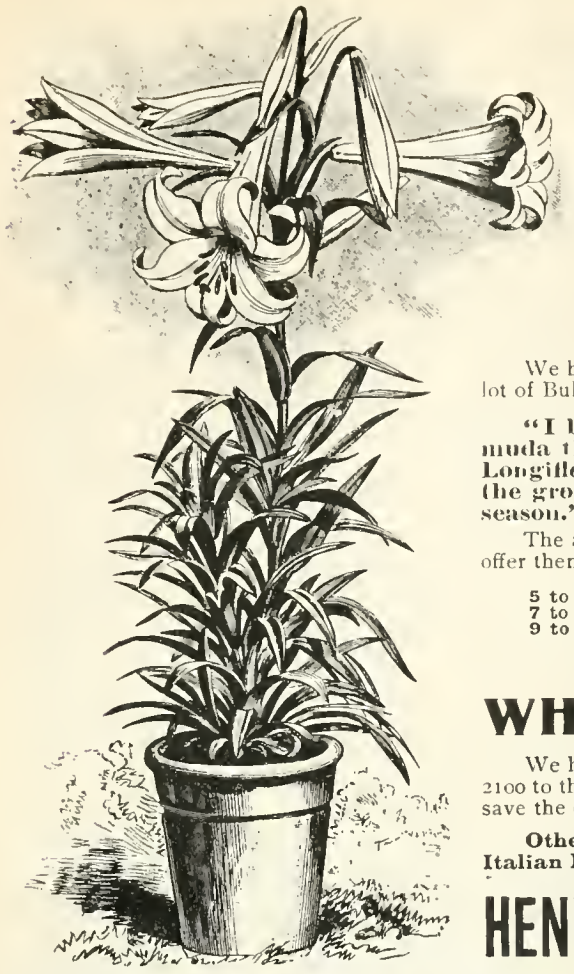

EXTRA CHOICE Lilium Harrisii

(Bermuda Easter Lily.)

We have received from one of the most careful growers in Bermuda a grand lot of Bulbs. He writes us regarding the same as follows:

"I believe these Bulbs to be the very best stock leaving Bermuda this or any previous season, perfectly free from disease, no Longiflorum mixed with them and worth 50 per cent. more to the growers than nine-tenths of the stock leaving the colony this season."

The appearance of the Bulbs fully warrant the above strong statement. We offer them as under:

	Per 100	Per Case	Per 1000
5 to 7-inch, packed 400 in a case	$ 4 75	$18 00	$ 45 00
7 to 9 " " 200 "	11 00	20 00	100 00
9 to 11 " " 100 "	20 00	20.00	90.00

As the lot is not very large it would be well to order early.

WHITE ROMAN HYACINTHS.

We have a good supply of the popular 12 to 15 centimeter Bulbs (packed 2100 to the case), price **$24.00** per 1000. This price will be advanced shortly; save the difference by ordering now.

Other bulbs now ready—Pink and Blue Roman Hyacinths, White Italian Hyacinths, Freesias, Alliums, Narcissus Paper White, etc., etc.

HENRY A. DREER, 714 Chestnut St., ...PHILADELPHIA, PA.

Asparagus Sprengeri.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot grown stock. $1.00, $6.00 and $8.00 per 100, according to size.

ASPARAGUS PLUMOSUS NANUS—Fine stock for bench planting. From 2¼-inch pots, $4.00 per 100.

BEGONIA REX—Best named varieties. Special price to make room, from 2½-inch pots, $1.00 per 100.

CAREX JAP. VARIEGATA—A very useful decorative grass, from 2¼ inch pots, $2.50 per 100.

CYPERUS ALTERNIFOLIUS—Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $1.00 per 100.

DOUBLE SWEET ALYSSUM—Do not forget this useful flower. Strong bushy plants from 3-inch pots, $4 00 per 100.

VIOLETS. Princess of Wales—Large field-grown clumps, free from disease. Plant now. $5.00 per 100 Second size, $3.00 per 100.

CALIFORNIA—Field-grown, second size, $3.00 per 100.

LADY CAMPBELL—Pot-grown plants of this variety give better results than field-grown stock. Extra strong from 3-inch pots, $3.50 per 100.

PRIMROSES. (Chinese)—After several years of careful tests, we are now able to offer stock from the finest imported seed. Can guarantee satisfaction. From 3-inch pots, in white, light pink, scarlet and blue, $5.00 per 100.

NATHAN SMITH & SON

ADRIAN, MICH.

Mention The Review when you write.

The Florists' Hail Association

has paid over $53,000 for glass broken by hail during the past 15 years. For particulars

Address JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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THE GEO. WITTBOLD CO., Growers and Importers of PALMS, FERNS and TROPICAL PLANTS.

CHICAGO, ILL. **WHOLESALE PRICE LIST.**

VARIETY.	Size Pots.	Height, in.	No. Leaves.	Each.	Per Doz.	Per 100
Areca Lutescens	2½	5 to 6			$ 0.75	$ 5.00
" "	3	8 to 10			1.00	8 00
" "	3½	12 to 15			2 00	15.00
" "	4	14 to 16		$0.25	3.00	25.00
Kentia Belmoreana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2.00	15.00
" "	3½	12 to 14	5 to 6	.25	3 00	20.00
" "	4	14 to 16	5 to 7	.30	3.60	25.00
" "	5	20 to 22	5 to 7	.50	7.20	50.00
" "	6	24 to 26	6 to 8	1.50	18 00	
" Forsteriana	2½	8 to 9	3 to 4		1.50	12.00
" "	3	10 to 12	4 to 5		2 00	15.00
" "	3½	12 to 14	5 to 6	.25	3 00	20 00
" "	4	14 to 16	4 to 5	.30	3.60	25.00
" "	5	20 to 22	5 to 6	.60	7.20	50.00
Latania Borbonica	2½	3			.60	4.00
" "	3	10	5 to 6		1.00	8.00
" "	6	18 to 24	6 to 8	.75	7.20	60.00
" "	7	22 to 26	7 to 9	1.00	10 00	
Pandanus Veitchii	3				1.00	
" "	6			1.50	18.00	
" "	8			3.50	42.00	
" Utilis	4			.25	3.00	
Phoenix Canariensis	6			.50	6.00	

VARIETY.	Size Pot.	Doz.	100
Seaforthia Elegans	5	$ 5.00	
Dracaena Indivisa	4	2.00	
" "	5	3 00	
" "	6	5.00	
" " strong	6	6 00	
Asparagus Sprengeri	4	1.50	$12.00
" Plu. Nanus	2	.50	4.00
" "	3	1 00	8 00
" "	4	1.50	12 00
Nephrolepis Bostoniensis	5	3 00	25.00
" "	6	6 00	50.00
" "	7	9.00	
" "	8	12.00	
" "	9	18 00	
" "	10	24.00	

VARIETY.	Size Pot.	100	1000
Peteris Tremula	2	$ 3.00	$25.00
" "	3	8.00	60.00
Adiantum Cuneatum	2	4 00	40.00
" "	3	8.00	80.00
" "	4	12 00	
Pteris cretica albo lineata	2	3 00	25.00
" serrulata	2	3 00	25.00
" serrulata cristata	2	3.00	25.00
Cyrtomium falcatum	2	3.00	25.00

Japanese Fern Balls in leaf, from $3.00 to 5.00 per doz.

Cycas Revoluta, from 25c to $3.00 each.

Mention The Review when you write.

VIOLETS, Imperial, M. Louise, Swanley White, from 3-in., $3.75 per 100; $35.00 per 1000.

SMILAX, 3-inch, $3.00 per 100; $20.00 per 1000.

CARNATIONS, Bradt, Flora Hill, White Cloud, Morning Glory, Crane, Mme. Chapman, Genevieve Lord, Norway, White Daybreak, Daybreak and Glacier. Write for prices.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

W. & T. SMITH COMPANY, GENEVA, N. Y.

Wholesale Growers of Ornamental Trees Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

CLEVELAND.

There is nothing more to report in the line of business than there was last week. It is the same old "song o' sixpence," a little now and then, yet sometimes enough to cause a scarcity in white flowers.

Outside asters are almost played out. What are left are being eaten up very rapidly by the aster bug, which in some places is reported very numerous, while in others, hand picking keeps it in check. One of the last named places is John Mollenkopf's on Lake Shore boulevard. John has been cutting some of the finest asters (Semple's Branching) that have ever been cut in this section. He has no trouble to get rid of them, as the buyers are always waiting for him to arrive at the market. He has most of his carnations benched, and such plants!—the finest I have seen this year, especially his Lawson, which will measure over fifteen inches through the plants as they stand on the bench. His mums are also in first-class order. He has some fine specimen plants of Boston fern; they are almost perfect.

A visit to A. Schmitt's establishment in Glenville revealed everything in apple-pie order. He is progressing nicely with his new houses. His mums are in first-class order and his carnations are exceptionally fine. He commenced benching on the first day of August, so his plants are now all established and growing nicely. Here they had one pure white flower on a Lawson plant last winter, and have now three plants taken from that stem, which are now under the especial care of Charlie Schmitt, who says that if they only come white, he will read his title clear to a mansion on the Lake Shore. Here are also some very fine Asparagus Sprengeri, and a nice lot of Boston ferns in all sizes.

I also called at Fred Aul's. Here I found the proprietor busy at the potting bench. I had to look for a second to see who it was, when he said: "Here I am; don't you know me with my big hat on?" He laid it down on the bench and in a few minutes his son came running after us asking his father what he did with one of the sieves. Fred went back and found he had covered it up with his hat. Well, hat or no hat, Fred is a worker and also a hustler, as his place bears evidence. He has several nice benches of mums. He claims that the best remedy for aphis and thrips on mums is tobacco-water sprayed over them in the evening. He was just benching his carnations, which were a little small. His roses are doing very nicely. Fred makes a specialty of ivies, having about 3,000 outside now, which are certainly fine. He has also some very fine hydrangeas outside.

He has found a panacea for all the ills of the propagating bench in coke dust, which he uses in preference to anything else, and in which he propagates everything, with the exception of carnations, for which he uses bank sand. He is not doing any building this year, but has done a great deal of repairing.

R. Hughes, of East Prospect street, has taken down two houses and will build one in the place of them. He reports business rather slow. Tenep.

Findlay, O.—Foster & Son have added a new house, 75x30.

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Lilium Harrisii.

We have a splendid lot of late-dug bulbs that have just arrived. On account of late digging bulbs are splendidly ripened and are unusually fine. The season has been very favorable, and it is a long time since we have been able to offer such fine stock. Bulbs are plump and hard, and that bright golden yellow color which denotes a well-ripened and healthy bulb. Bulbs run unusually large and are in the very best possible condition. We offer them as long as unsold as follows:

6- 7-in. bulbs,	$17.50	per case of	350	bulbs;	in less quantities,	$ 6 00	per	100.
7- 9-in. bulbs,	20.00	"	200	"	"	11.00	"	
9-11-in. bulbs,	20.00	"	100	"	"	22.00	"	

We also have a fine lot of **BERMUDA-GROWN LONGIFLORUM** late-dug bulbs, shipped by last Bermuda steamer, which arrived this week. This is an extra fine lot of selected bulbs. 7-9-in. bulbs, $20.00 per case of 200 bulbs; in less quantities, $11.00 per 100.

CALLAS. We have a grand stock of these splendidly ripened bulbs ready for immediate shipment.

Extra quality bulbs,	1¼ to 1½-in.	diameter.	$ 5 00	per 100;	$40.00	per 1000.	
Selected	"	1½ to 1¾	"	6.00	"	50.00	"
Mammoth	"	1¾ to 2	"	8.00	"	70.00	"
Exhibition	"	2 to 3	"	10.00	"		

We can also ship immediately on receipt of order the following:

White Roman Hyacinths. Finest quality bulbs. 12 to 15 cen. in circumference. $3.00 per 100; $26.00 per 1000.

Narcissus Paper White Grandiflora, $1.00 per 100; $9.00 per 1000.

Bermuda Buttercup Oxalis, 75c per 100; $6.00 per 1000.

Freesias, Selected bulbs, ⅜-in. and up in diameter, 75c per 100; $6.00 per 1000.

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KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

LETTUCE—In variety, 15c per 100; $1.00 per 1000.

PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000.

If wanted by mail always add 10c per 100.

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The best large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50 cts.

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Cash. A packet of the new ever-blooming forget-me-not "Constance" added to every seed order.

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3500 Giant dbl. alyssum, 3-in. pots, extra fine, bushy, $3.00 100, $25.00 1000. 250 at 1000 rate. Cash with order, please.
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Double sweet alyssum, strong, bushy plants, 3-in., $4.00 100. N. Smith & Son, Adrian, Mich.

Giant dbl. alyssum, 2¼-in. $2.00 100.
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Aquatic plants suitable for ponds and aquariums. Send for catalogue of plants, fish and birds. Edw. S. Schmid, 712 12th St., N. W., Washington, D. C.

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5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
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Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

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Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
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Asparagus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100. A. plumosus nanus, fine stock for bench planting, 2¼-in., $4.00 100. NATHAN SMITH & SON, Adrian, Mich.

Asparagus Sprengeri, 2½-inch...$4.00 per 100
Asparagus Sprengeri, 3-inch..... 6.00 per 100
Asparagus plumosus nanus, 2½-inch 5.00 per 100
Asparagus plumosus nanus, 3-inch.. 7.00 per 100
VICK & HILL CO., Rochester, N. Y.

Asparagus Sprengeri, strong 4½-in. $10.00 100; 5-in. $15.00 100; extra strong 8-in., growing in field, fine for winter cutting, $35.00 100. S. Muir, 3530 Mich. Ave., Chicago.

Asparagus Sprengeri, 2-in., $2.00 100; from seed bed, $1.00 100. A. plumosus, 2¼-in., strong, $3.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, year in and year out, 50c per bunch. A. plumosus nanus, all the year round, 50c per string.
A. N. PIERSON, Cromwell, Conn.

Asparagus Sprengeri. Large plants, in 4-in. pots, just the right size to plant out, $6.00 per 100. Pillow & Banks, Westport, Conn.

Asparagus Sprengeri, 4-in., $7.00 100; A. plumosus, 3½-in., $6.00 100. Cash. H. Ernst & Son, Washington, Mo.

500 XX 3-in. Sprengeri. To make room quick—price low. Write Roney Bros., West Grove, Pa.

A. plumosus, strong 3-in., ready to shift, $6.00 100. Van Wert Greenhouses, Van Wert, Ohio.

Asparagus Sprengeri, very bushy, 2¼-in., $1.75. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

10000 A. Sprengeri, extra strong 2¼-in., $1.50 100; 2½-in., $2.50 100.
BUCKLEY PLANT CO., Springfield, Ill.

2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

A. plumosus nanus, 2½ in. $3.00 100, $25.00 1000; 3½-in., very fine, $5.00 100, $40.00 1000.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, $2.00 per 100. Satisfaction guaranteed or your money back.
C. F. BAKER & SON, Utica, N. Y.

Plumosus, 2½-inch pots, $4.00 per 100; Sprengeri, 2½-inch, $2.50 per 100.
Edw. J. Taylor, Southport, Conn.

Asparagus Sprengeri, 2-in. $2.00 100. A. plumosus, 2-in. $3.00 100. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus, stroog plants, 2-in. pots, $4.00 100, $30.00 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus Sprengeri our specialty. 10,000 plants from 2 to 6-in.
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ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
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Cut strings, 50 cents each.
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Field-grown Sprengeri. Nice clumps at $3.00 and $5.00 per 100.
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Asparagus Sprengeri, 2½-in. pots, strong, $2.50 100. Cash with order, please.
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Asparagus comorensis, strong-grown, 3½-in. plants. JOY & SON CO., Nashville, Tenn.

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Asparagus plumosus, all sizes.
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Bay Trees. Largest stock in America.
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New double begonias such as Triumph de Lorraine, Gloire de Montet, Boule de Neiges and others; strong 3-in., $4.00 100. Cash. H. Ernst & Son, Washington, Mo.

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Rex begonias, 3-inch, nice collection, $6.00 100.
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Rex begonias, best named varieties, 2½-in., $4.00. N. Smith & Son, Adrian, Mich.

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Bouvardias rosea multiflora and A. Neuner, fine, bushy, field-grown, $8.00 100.
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NARCISSUS.	100	1000
Paper white grandiflora	$1.00	$9.00
Paper white grandiflora, selected bulbs	1.25	10.00
Von Sion, double nose, selected	2.00	18.00
Von Sion, mammoth bulbs	1.75	14.00
Von Sion, first size	1.50	12.00

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LILIUM HARRISII, fine bulbs, 5-7 inch, $5.00 100, $47.50 1000; 7-9 inch, $11.00 100, 200 for $20.00. WHITE ROMAN HYACINTHS, $2.60 100, $23.00 1000. Send in your list of Dutch bulbs to be priced.
A. C. BROWN, Springfield, Ill.

ROMAN-WHITE.

	12	100	1000
11x18 assorted	$0.25	$2.00	$19.00
11x15 "	.30	2.50	22.00
12x15 "	.40	2.60	24.00
13x15 "	.50	3.00	28.00
Named Dutch Hyacinth, exhibition bulb	1.00	7.00	60.00

DUTCH HYACINTHS
1st size—They are beautiful, white, blush, rose, red, blue, separate, doz., 40 cts.; 100, $2.75; 1000, $25.00.

WHITE ITALIAN.

	100	1000
Red skinned	$2.50	$22.00

NARCISSUS—PAPER WHITE.

	12	100	1000
True grandi., extra size	$0.20	$1.10	9.00
Large bulbs	.15	1.00	8.00

CALLA ETHIOPICA.
Stock grown by us for 20 years.

4-5-inch circum	.60	4.50	40.00
4x6 inch "	.75	5.50	50.00
5x7-inch "	1.00	7.50	70.00
Monster	1.50	10.00	

FRENCH TRUMPET MAJOR.

Force for Xmas	.15	1.00	9.50

FREESIA REFRACTA ALBA.

⅜-½-inch diam		.40	3.00
½-inch up		.60	5.00

ALLIUM NEOPOLITANUM.

Fine forcer, 1st size		.60	5.00
Fine size		.50	4.00

LIL. HARRISSII—EXTRA OFFER.
Unblemished extra fine stock. Must be sold. Write for prices on quantities.

	12	100	1000
5½x7-inch circum	.60	4.50	40.00
7x9-inch "	1.25	9.00	....

LIL. CANDIDUM.
Extra fine, thick petalled.

1st size, extra large	.75	5.00	47.00
2nd size, fine, large	.60	4.50	42.00

Our new catalogue is just out. Write for it.
H. H. Berger & Co., 47 Barclay St., New York.

We have a splendid lot of late-dug bulbs that are splendidly ripened, plump and hard.

Inch.	Per Case.	Per 100.
6-7	$17.50 (350 bulbs)	Less quantity $6.00
7-9	20.00 (200 bulbs)	Less quantity 11.00
9-11	20.00 (100 bulbs)	Less quantity 22.00

We have just received a fine lot of late-dug BERMUDA-GROWN Longiflorum, selected bulbs, 7-9, $20.00 per case of 200; less quantities, $11.00 100.

CALLAS, we have a fine stock ready for immediate shipment.

	Diameter.	100	1000
Extra quality	1¼ to 1½-in.	$5.00	$40.00
Selected	1½ to 1¾-in.	6.00	50.00
Mammoth	1¾ to 2-in.	8.00	70.00
Exhibition	2 to 3-in.	10.00	

White Roman HYACINTHS, finest quality, 12 to 15 cms. $3.00 100, $26.00 1000. NARCISSUS paper white grand., $1.00 100, $9.00 1000. Bermuda Buttercup OXALIS, 75c 100, $6.00 1000. FREESIAS, selected, ½-in. and up 75c 100, $6.00 1000.
F. R. PIERSON CO., Tarrytown, N. Y.

LILIUM HARRISII, extra choice bulbs.

	100	Case.	1000
5x7-in. case 400	$ 4.75	$18.00	$ 45.00
7x9-in. case 200	11.00	20.00	100.00
9x11-in case 100	20.00	20.00	190.00

As the lot is not very large, it would be well to order early.

WHITE ROMAN HYACINTHS, 12 to 15 cms., (packed 2100 to the case), $24.00 per 1000. This price will be advanced shortly.

Other bulbs now ready—pink and blue Roman Hyacinths, white Italian Hyacinths, Freesias, Alliums, Narcissus, paper white, etc.
HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Selected white CALLA bulbs, well-cured, California-grown: 3-5 inches in circ. 50c doz., $3.50 100; 4-6 inches, 75c doz., $5.50 100.

Selected FREESIAS, exceptionally fine California bulbs, suitable for florists: 10c doz., 60c 100, $5.00 1000.

White Roman HYACINTHS, scarce, 12-15 cms., 35c doz., $2.60 100, $24.00 1000.

Paper white grandif. NARCISSUS, 13 cms., $1.00 100, $8.50 1000.

Send for our new bulb and flower seed list.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Lilium Harrisii, 5-7 $45.00 1000; 7-9 $100.00 1000. Lilium longiflorum, Bermuda-grown, prices same as Harrisii; Japan-grown, retarded, f. o. b. icehouse New York, 6-8 $35.00 1000, 7-9 $50.00 1000, 9-10 $75.00 1000. Roman hyacinths in fine condition, 12x15 $25.00 100. Narcissus, paper white grandi., 13 and up (mammoth), $9.00 1000. Freesia refracta alba, mammoth bulbs, $7.50 100.

Prices on all other bulbs and plants cheerfully given.
F. W. O. SCHMITZ, Prince Bay, N. Y.

Freesias now ready. ⅜ inch and up in diameter, at $2.00 per 1000, delivered anywhere in United States. Calla Bulbs, 1 to 1½ inches in diameter, $3.25 per 100, delivered anywhere in the United States. For large quantities write for prices. Orders from unknown correspondents must be accompanied with cash. Remember these prices include delivery.
GERMAIN SEED AND PLANT CO., Los Angeles, Cal.

MICHELL'S special brand of Lilium Harrisii, claimed by the grower to be 90 per cent free from disease. 5x7, $4.75 100, $45.00 1000; case of 400 at 1000 rate. 7x9 $11.00 100, $100.00 1000; case of 200 at 1000 rate.
Narcissus paper white grandiflora, extra large bulbs, $9.00 1000. Special price on large lots.
H. F. MICHELL, 1018 Market St., Philadelphia, Pa.

Now ready.	100.	1000.
L. Harisii, 5x7	$ 4.50	$ 40.00
L. Harrisii, 7x9	11.00	100.00
L. Candidum, 20 cms. and up	5.50	
Callas, 5¼ to 6-in. circ	7.00	65.00
Callas, 1½ to 5-¼-in. circ	5.50	50.00
Freesias, 1¾ to 2½-in. circ	.90	8.00
Roman Hyacinths, 12 to 15 cms.	2.50	24.00

W. C. BECKERT, Allegheny, Pa.

Our RETARDED or COLD STORAGE Lilium longiflorum can be forced for Christmas. It will pay you to try some. Price: 7 to 9-in. bulbs, 300 in a box, $7.50 per 100, $60.00 per 1000; one whole box sold at 1000 rate. Prices upon all other bulbs on application.
CLUCAS & BODDINGTON CO., 812-814 Greenwich St., New York.

Narcissus and Daffodils, Guernsey Lilies, Arum Lilies and Belladonna bulbs at moderate prices.
A. J. Collas, Paradise Vineries, Guernsey, Channel Islands.

FREESIAS, CALLAS, LILIUM HARRISII, etc. If our bulb list has not been received we shall be pleased to send it on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.
BOBBINK & ATKINS, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
JAMES VICK'S SONS, Rochester, N. Y.

Excelsior Pearl tuberose and Caladium esculentum bulbs. Popular varieties.
Jno. F. Croom & Bro., Magnolia, N. C.

Caladiums, dry bulbs, best named sorts, 1¼in., $6.00 100, $50.00 1000.
P. J. Berckmans Co., Augusta, Ga.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla and Belladona bulbs. Write.
California Nursery Co., Niles, Cal.

Calla bulbs, 1st size, $4.00 100.
California Carnation Co., Loomis, Cal.

CACTI.

Old-Man Cactus, 4—5 in. high, $3.00 per doz., $20.00 per 100; 6—8 in. high, $4.00 per doz., $30.00 per 100. Prices include prepaymeot by parcel-post.
J. A. McDowell, Ap. 167, City of Mexico.

CANNAS.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

30,000 cannas for fall delivery; best varieties. Price will please you.
A. B. Campbell, Cochranville, Pa.

CAREX

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

90,000 carnation plants. These plants are finest we have ever offered. Scott has never run out with us, flowering as well to-day as when first originated. Our Scott plants are especially fine.

	100	1000		100	1000
Prosperity	$8.00	$70	Joost	5.00	40
Lawson	8.00	70	Scott	3.50	30
Marquis	5.00	40	Daybreak	3.50	30
Roosevelt	8.00	70	White Cloud	4.00	30
Maceo	5.00	40	Queen Louise	6.00	50
Gomez	4.00		Lord	5.00	40
Hill	4.00	40	James Dean	4.00	35
Eldorado	3.50	30	Crane	5.00	45

EDW. J. TAYLOR, Southport, Conn.

Field-grown carnations. Per 100: Prosperity, $16.00; Norway, $8.00; Hill, White Cloud, Victor, Joost, Crane, Daybreak, Meteor, Jubilee, Morello, Armazindy, Lord, $6.00; McGowan, Fisher, Crocker, Scott, $5.00. Cash with order. Orders above $5.00 delivered in N. Y., Pa. and eastern states.
LLEWELLYN, The Florist, Olean, N. Y.

FIELD-GROWN CARNATIONS, strong, healthy plants. Per 100:

	No. 1	No. 2
1000 Russell	$5.00	$3.00
800 Gomez	4.00	2.00
150 Norway	5.00	3.00
100 Marquis		3.00
150 Crane		3.00
200 Armazindy	4.00	2.00
200 Genevieve Lord		3.00
200 America	4.00	2.00

Cash with order from unknown parties. Packed to carry safely by express.
CHAS. BLACK, Hightstown, N. J.

CARNATIONS. CARNATIONS. CARNATIONS.
THE BEST FIELD-GROWN STOCK.
Every one a choice selected plant.

	100	1000
Bon Homme Richard	$5.00	$45.00
America	4.00	35.00
Sunbeam	4.00	35.00
Jubilee	4.00	35.00

Order quickly; plants reserved for later shipment if desired. Terms cash.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Field-grown carnations.

	12	100		12	100
Cressbrook	$3.00	$15.00	Prosperity	$1.50	$10.00
Fair Maid	2.50	12.00	Egypt	1.00	7.00
Floriana	1.50	8.00	Mermaid	1.00	6.00
Norway	1.50	10.00	Lawson	1.50	8.00
Lord	1.50	8.00			

The above are in good shape, ready for immediate shipment. 25 plants one variety at 100 rate.
H. WEBER & SONS, Oakland, Md.

Fine, strong healthy plants, grown on high ground. Per 100:

300 Prosperity	$10.00	200 Lorna	$10.00
1500 Lawson	8.00	1500 M'n'g Glory	8.00
325 America	8.00	150 Gomez	8.00
200 Marquis	8.00	300 Norway	8.00
300 Crane	5.00	150 Maceo	5.00
1500 W. Cloud	5.00	2000 Triumph	5.00
500 Glacier	5.00	600 Lord	5.00

1000 Joost, $5.00 and $8.00. Cash, or C. O. D.
W. J. & M. S. VESEY, Fort Wayne, Ind.

Field-grown carnations, strong and healthy.

	100		100
Gov. Wolcott	$16.00	Crane	$ 6.00
Prosperity	10.00	Gomez	6.00
Lawson	8.00	Queen Louise	10.00
Morning Glory	6.00	Norway	8.00
Maceo	6.00	Egypt	10.00
Foster	5.00	Flora Hill	6.00
Joost	5.00		

Discount by the thousand. Cash, please.
C. L. HOWE, Dover, N. H.

Field-grown carnations; fine, strong, healthy plants:

	100	1000		100	1000
Lawson	$7.00	$60.00	Lord	$4.00	$35.00
Marquis	4.00	35.00	Prosperity	4.00	35.00
Crane	5.00	45.00	Norway	4.00	35.00
M'g Glory	5.00	45.00	Joost	4.00	35.00
Mrs. Ine	5.00	45.00	America	4.00	35.00
Hoosier Md	4.00	35.00	Triumph	4.00	35.00
Melba	4.00	35.00	G'd'n Ang'l	4.00	35.00

P. REINBERG, 51 Wabash Ave., Chicago.

MURPHY'S WHITE. A commercial white carnation; vigorous and healthy grower; early, free and continuous bloomer; stem and calyx its strong points. Will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1000, $45.00 5000.
I am headquarters for Estelle cuttings. Price: $4.00 100, $30.00 1000.
WM. MURPHY, Station F, Cincinnati, O.

Surplus stock of field-grown carnation plants:

Crocker	Scott
Eldorado	Crane
Daybreak	Joost
Meteor	America
Hill	White Cloud
Cerise Queen	Armazindy

Extra strong field-grown plants, $4.00 100, $35.00 1000.
J. B. HEISS, Dayton, Ohio.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$8.00	$70.00	Melba	$5.00	$40.00
Marquis	6.00	50.00	M'Richm'd	5.00	40.00
White Cl'd	6.00	50.00	Scott	5.00	40.00
Hill	6.00	50.00	Pingree	6.00	....
Lord	5.00	40.00	Gold Nugget	6.00	....

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

Strong, healthy, field-grown carnations.

	100	1000		100	1000
Crocker	$4.00	$25.00	Norway	$5.00	$30.00
Scott	4.00	25.00	Joost	5.00	35.00
W. Cloud	4.00	25.00	Excelsior	4.00	25.00
Melba	4.00	25.00			

Money order with order.
W. E. Fowler & Co., Bellevue, New Castle Co., Delaware.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail 10 cents. The Albert H. Brown Co., Westboro, Mass.

Carnations. Large, healthy, stocky plants, field-grown on new land.

	100		100
The Marquis	$6.00	Gen. Maceo	6.00
Morning Glory	6.00	Ferguson	6.00
Mrs. F. Joost	6.00	Servia	6.00
Freedom	6.00		

WILLIAM C. BOWDITCH, 647 Warren Street, Boston, Mass.

Carnations, field-grown.

	100
The Marquis	$5.00
Wm. Scott	4.00
Mrs. F. Joost	4.00
Lizzie McGowan	3.00

SEIDEWITZ, 36 W. Lexington St., Baltimore, Md.

SURPLUS CARNATION PLANTS. Very nice, healthy plants, $4.00 per 100.

100 Marquis	200 McGowan
100 M'g Glory	200 W. Cloud
100 Scott	200 F. Hill
100 Daybreak	800 Crane
75 Crocker	

Sunnyside Greenhouses, Owosso, Mich.

Carnations. Strong, clean and healthy plants. Not being able to house all of our new seedling, Ruby King, a brilliant cerise, we have some to spare at $6.00 per 100. We also have some fine White Cloud, America, G. Lord and Mary Wood at $5.00 per 100; $40.00 per 1000.
LAMPRECHT BROS., Ashland, Ohio.

Healthy, strong field-grown carnations.

575 Crane	75 Jubilee
100 Marquis	450 Daybreak
420 Joost	50 Chicago
300 Maceo	

At $4.00 per 100; $35.00 per 1000.
JOSEPH LABO, Joliet, Ill.

FIELD-GROWN CARNATIONS.

	100	1000		100	1000
Lawson	$7.00	$60.00	Jubilee	$4.00	$35.00
Crocker	5.00	45.00	Scott	4.00	35.00
Lord	4.00	35.00	Hill	5.00	45.00
Daybreak	4.00	35.00	Prosperity	10.00	

S. T. DANLEY, Macomb, Ill.

FIELD-GROWN CARNATION PLANTS.

	100	1000
Marquis	$5.00	$45.00
Prosperity	5.00	45.00
Evanston	5.00	45.00
Joost	5.00	45.00

GEO. REINBERG, 51 Wabash Ave., Chicago.

Field-grown carnation plants; strong and perfectly healthy. Per 100:

Marquis	$6.00	White Cloud	$5.00
Norway	6.00	Joost	5.00
Genevieve Lord	6.00	Estelle, 2nd size.	5.00

LAWSON, fine plants, $8.00.
S. J. REUTER, Westerly, R. I.

Extra fine field-grown plants.

	100		100
Wm. Scott	$5.00	E. Crocker	$5.00
Norway	6.00	Gen. Maceo	6.00
Mrs. Joost	6.00		

LEO. NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Carnations. 1000 Lizzie McGowan, 1000 Wm. Scott, 1000 Ethel Crocker, 1000 Mrs. F. Joost, 1000 Lady Emma, $40.00 per 1000. 200 Gov. Roosevelt, 6c; 300 Flora Hill, 5c. Large, healthy stock. Cash. Chas. Lenker, Main Street, Freeport, L. I., N. Y.

Surplus lot of field-grown carnations, fine, strong healthy plants. Mrs. Lawson, G. H. Crane, White Cloud, Mrs. F. Joost, Lizzie McGowan, Wm. Scott, Daybreak and Ethel Crocker, $5.00 per 100.
Brookside Greenhouses, Reading, Pa.

Field-grown carnations, strong, healthy plants. Norway, The Marquis, Lippincott and Genevieve Lord, $5.00 per 100. Wm. Scott, $3.50 per 100. Cash with order. Satisfaction guaranteed.
GEO. R. GEIGER, Nazareth, Pa.

Carnations, fine, large, clean, field-grown plants. Daybreak, $6.00 a 100; $50.00 a 1000. Glacier (best white), $8.00 and $6.00 per 100. Also other varieties.
W. G. KROEBER, 35 Tremont St., New Bedford, Mass.

25,000 strong healthy, field-grown plants.

	100		100
Marquis	$6.00	Armazindy	4.00
Joost	5.00	Psyche	3.00
Argyle	4.00		

JOHN BAUSCHER, JR., Freeport, Ill.

10,000 carnations, from the field, of Mrs. Lawson, Marquis, White Cloud, Joost, Roslyn, Edith Foster, Maceo and Crane. No. 1 plants $5.00 100, No. 2 plants $4.00 100. Cash with order.
GEO. E. BUXTON, Nashua, N. H.

A-1 CARNATION PLANTS.
Crane, Marquis Flora Hill, 5 cents.
Jubilee, Daybreak, Victor, 4 cents.
These are hard to beat.
FRANK BERRY, Stillwater, Minn.

Bradt, Hill, White Cloud, Morning Glory, Crane, Chapman, Lord, Norway, Glacier, White Daybreak and Daybreak carnations. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

CARNATIONS—Continued.

CARNATIONS, FIELD-GROWN. 200 Marquis, 700 Norway, 800 Lawson, $6.00 100. 3000 Flora Hill, 1000 Crane, 800 Triumph, 800 Daybreak, $5.00 100; $45.00 1000. Cash with order. W. SABRANSKY, Kenton, Ohio.

Carnations, strong plants from well-drained soil. Flora Hill, 1st size, $6.00; 2nd size, $3.50 100. Joost, Crocker, Dean, John Young, 1st size, $5.00; 2nd size, $3.00 100.
John Curwen, Glen Head, L. I., N. Y.

20,000 field-grown carnations, extra fine and healthy; all cuttings taken from flowering stems. Lizzie McGowan, $3.00 per 100; Russell, good pink, moves easily, $4.00 per 100. Aaron Kelter, Parker Ford, Pa.

Carnations, clean, healthy stock, a few more than we needed. Armazindy, Crane, American, Jubilee, Daybreak, Alaska. Cheap for cash. Spy Hill Conservatories, Fishkill-on-Hudson, New York.

Carnations, splendid, branchy plants. Hill, Marquis, Joost, Armazindy, Triumph, Scott, $5.00 100, $40.00 1000. Bradt, $6.00. Prosperity, $8.00.
W. H. GULLETT & SONS, Lincoln, Ill.

Field-grown plants of Joost, Crocker, Duke of York, Scott, Cartledge, and a fine red seedling. A No. 1 plants.
Eugene Bernheimer, 11 South 16th St., Philadelphia, Pa.

Carnations, stocky, field-grown. No. 1 stock.
Triumph .....5c White Cloud 5c
Joost .....5c Genesee (white)....5c
Lawson 6c
JOY & SON CO., Nashville, Tenn.

GOODENOUGH, the most profitable white, $7.00 100. Frances Joost, Maceo and Scott, $5.00 100. All strong, field-grown plants. Write for prices on large lots.
S. LITTLEFIELD, No. Abington, Mass.

Carnations from field, extra large plants in most robust condition. Scott and Melba, 1st size, $5.00, 2nd size, $4.00 100. Chas. Rayner, Anchorage Rose Houses, Anchorage, Ky.

Surplus carnations, good, healthy stock: 500 McGowan, 700 Joost, 500 Hill, 200 Crane, 50 Jubilee. Write for prices—cheap for cash.
John Milne & Son, Fairbury, Ill.

Carnation plants. Flora Hill, Queen Louise, Eldorado, Tidal Wave, Gen. Maceo, Morning Glory, $5.00 per 100; $40.00 per 1000.
H. W. FIELD, Northampton, Mass.

Carnations. 1200 Daybreak, 1000 Russell, 500 Scott, 500 Melba; 200 Flora Hill, 400 mixed, $40.00 per 1000.
Robt. Chesney, Montclair, N. J.

Carnations. Strong field-grown plants. 6 500 Ethel Crocker, $4.00 per 100; $30.00 per 1000. Cash with order.
PETER BROWN, Lancaster, Pa.

100,000 field-grown carnation plants. All the choice new and old varieties. Send me your list for prices.
J. L. DILLON, Bloomsburg, Pa.

New Scarlet Carnation ORIOLE. Strong and healthy field plants, $12.00 per 100; $100 per 1000. John B. Goetz, Saginaw, W. S., Mich.

Field-grown carnations. 475 Flora Hill, No. 1, $5.00 100. 125 White Cloud, 2nd size, $3.00 100. D. C. Noble, Columbia City, Ind.

Strong, healthy plants of Hill, Lord, Crocker, Queen Louise and White Cloud, $4.50 100. Van Wert Greenhouses, Van Wert, O.

Let us know your wants on carnation plants—we prepay express charges. California Carnation Co., Loomis, Cal.

F. JOOST, field-grown, extra strong, $5 00 100. Cash. Cottage Greenhouses, Litchfield, Ill.

Field-grown carnations, 1000 extra strong ETHEL CROCKER, $4.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

1000 Gomez carnations, $5.00 per 100. Clean healthy plants. Cash with order.
The F. Blondeel Co., Oak Park, Ill.

Carnations, field-grown, strong and healthy; Mrs. F. Joost, $5.00 100; Daybreak, $6.00 100.
S. S. Peckham, Fairhaven, Mass.

Carnation plants of Morning Glory, Flora Hill, G. H. Crane, America and Marquis. Write me.
W. H. Watson, Lapeer, Mich.

2000 Duke of York carnation plants, field-grown, fine ones, at $3.00 100.
A. B. Campbell, Cochranville, Pa.

CRESSBROOK carnations from field, nice, strong plants, $10.00 100, $75.00 1000.
C. Warburton, Fall River, Mass.

FIELD-GROWN carnations: Joost, Hill and McGowan, $4.00 per 100. Cash with order.
J. T. Cherry, White Hall, Ill.

Floriana carnation plants. Fine, large and healthy. $7.00 per 100; $65.00 per 1000.
Fillow & Banks, Westport, Conn.

20,000 fine field-grown plants of carnation Wm. Scott at $5.00 100, $45.00 1000.
Wm. Sim, Cliftondale, Mass.

Marquis and Gomez carnations, fine field-grown, $5.00 100.
L. E. Marquisee, Syracuse, N. Y.

2000 fine field plants of Joost and Mary Wood at $4.00 100.
HENRY DIERS, Sibley, Ill.

For fine field-grown plants of Crane, Joost and Mary Wood, write Geo. A. Kuhl, Pekin, Ill.

Prosperity, $8.00; Daybreak, $4.00 100. Strong, healthy plants. Carl Rauth, Springfield, Ill.

High-class Joost. A BARGAIN. $5.00 100, $45.00 1000. Otto Bourdy, Lowell, Mass.

Carnations. Send to us for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Send for descriptive price list.
F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums. W. Fitzwygram, Willowbrook, J. Jones, Robinson, Independence, Ivory, Pacific, Perrin, Park, Autumn Glory, V-Morel, J. K. Shaw, Murdock, Y. Fitzwygram, Y. Monarch, Harry Hurrell, Golden Wedding, W. H. Lincoln, Bonnaffon, cuttings rooted, $1.50 per 100; 2-in., $2.50 per 100.
Modesto, Monrovia, Appleton, W. C. Egan and Mrs. E. D. Smith, rooted cuttings, $2.50 per 100; 2-in., $3.50 per 100. Cash, please.
R. F. Tesson, West Forest Park, St. Louis, Mo.

Chrysanthemums. We still have some nice, thrifty young stock which we offer at $2.50 100, our selection. H. Weber & Sons, Oakland, Md.

LAST CALL for mums. Chadwick, Eaton, Appleton, Bassett, Ivory and others, $14.00 1000; nice young stuff.
POEHLMANN BROS. CO., Morton Grove, Ill.

Field-grown chrysanthemums, 20 varieties at $5.00 to $8.00 100. W. L. Thomas & Son, Box 82, Augusta, Ky.

Chrysanthemums in variety $2.00.
L. E. Marquisee, Syracuse, N. Y.

CINERARIAS.

Cinerarias, 2-in., $2.00 100; 3-in., $3.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cineraria grandiflora, finest dwarf, $2.00 100; 300 for $5.00. J. W. Miller, Hatton, Pa.

Cinerarias, $2.00 100
Jos. H. Cunningham, Delaware, Ohio.

Cineraria grandiflora, finest dwarf, $2.00 100; $16.00 100. F. A. Baller, Bloomington, Ill.

CLEMATIS.

Clematis paniculata, 2, 3 and 4 years old. Write for prices.
Elizabeth Nursery Co., Elizabeth, N. J.

COLEUS.

Coleus stock plants. 2-in. large and strong, ready for 4-in., 25 or more varieties, $1.50 100. N. O. Caswell, Delavan, Ill.

CYCLAMEN.

CYCLAMEN PERSICUM SPLENDENS GIGANTEUM, ready for immediate shipment. A splendid stock of plants, in four colors, from 2½-in. pots, $4.00 per 100, $35.00 per 1000; 3-in. pots, extra well budded, $7.00 per 100, $65.00 per 1000.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum or persicum, ready to shift for Christmas blooming, 3-in., $5.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 3½-in., separate colors, $8.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Cyclamen giganteum, fine plants, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

DAISIES.

Shasta daisy plants, 2-in. $10.00 100; 3½-in. $15.00 100. 250 at 1000 rate. Express prepaid. California Carnation Co., Loomis, Cal.

Longfellow and Snowball daisies, strong plants ready for transplanting, $3.00 per 1000. Cash. Alex. MacElwee, Hoyt, Pa.

EUCHARIS.

Eucharis grandiflora, a money-maker for the florist who wants a fine, white flower for funeral work, bouquets, etc. Large clumps (will bloom this fall), 15 to 20 bulbs, $2.50 each, single bulbs, $10.00 100. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

FERNS.

FERNS OUR SPECIALTY. When in need of FERNS give us a trial. We have this season over 300,000 ferns in superb condition which we offer at a bargain during the summer months.
ASSORTED FERNS for jardinieres, in all the best varieties, from 2¼-in. pots, $3.00 100, $25.00 1000; strong plants from flats, $1.00 100, $9.00 1000. ADIANTUM CUNEATUM and GRACILLIMUM, good stocky plants from 2¼-in., $3.00 100, $25.00 1000; 500 at 1000 rate. Samples of all the above sent free all over the U. S. and Canada.
ANDERSON & CHRISTENSEN, Telephone 29 I. Short Hills, N. J.

NEPHROLEPIS PIERSONI will be a money-maker for you. Will be introduced to the trade in spring of 1903. Demand will be enormous. Place your order at once to secure early delivery. Price: $9.00 doz., 50 plants at 60c each, 100 plants at 50c each, 500 plants at 45c each, 1000 plants at 40c each.
F. R. PIERSON CO., Tarrytown, N. Y.

DREER'S FINE FERNS. Now is the time to lay in your supply of ferns. We have in stock over 500,000 plants grown in open frames, well-hardened, and in prime condition to grow for the coming season's use. For varieties and prices see displayed adv. in this issue.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Seedling ferns in flats. All the leading varieties, ready for 2-in. pots, $2.00 per flat. Small ferns for filling ferneries, in all the best commercial varieties, 2½-in., $3.00 100; $25.00 1000.
BOBBINK & ATKINS, Rutherford, N. J.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
John H. Ley, Good Hope, Washington, D. C.

Orders booked now for the new Nephrolepsis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.
Sunnyside Ferneries, Secaucus, N. J.

Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000.
Beard Bros., West Fort St., Detroit, Mich.

Mixed ferns, 20 sorts, $3.00 per 100. Satisfaction or your money back. C. F. Baker & Son, Utica, N. Y.

FERN BALLS, $3.60 per doz., $25.00 per 100. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Ferns for fern dishes, 2 and 2½-in. pots, $25.00 1000. Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 2½-in. pots, fine stock, $4.00 100. Cash, please, Converse Greenhouses, Webster, Mass.

Nephrolepis cordata compacta, 2½-in., $5.00 100; 3-in., $6.00 100; 4-in., $10.00. Boston ferns, 2½-in., $3.50 100; 3-in., $4.50. Cash.
H. Ernst & Son, Washington, Mo.

Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Maidenhair ferns, 3-in. $5.00 100.
N. O. Caswell, Delavan, Ill.

Boston ferns, fine stock. Write
Geo. A. Kuhl, Pekin, Ill.

FORGET-ME-NOTS.

New Myosotis palustris semperflorens gr. Nixenauge, $1.00 per 100. Samples with bloom, 10c. G. Lotze, Glen Burnie, Md.

GARDENIAS.

Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIEBRECHT & SON, New Rochelle, N. Y.

GERANIUMS.

Special CLEARANCE sale of 15000 geraniums from 2½-in. pots. Jean Viaud, the pink novelty, $3.00 100; Duchess of Orleans, the variegated wonder; Beaute Poitevine, Hill, Jaulin, Riccard, Meehan, Morton, Athlete, Brunt, $2.00 100, $18.00 1000; Perkins and Nutt, the leading bedders, $1.50 100, $15.00 1000.
BUCKLEY PLANT CO., Springfield, Ill.

Geraniums; good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Geraniums. All the best and the best only. Send for descriptive list.
H. EICHHOLZ, Waynesboro, Pa.

Geraniums, standard varieties, 2½-in. pots, $2.00 per 100.
Brookside Greenhouses, Reading, Pa.

GLADIOLI.

Cut Gladioli Spikes, of the highest quality, in lots of from 100 to 100,000. Pink, scarlet, crimson, white, light, yellow, blue, lavender, and heliotrope; in fact, almost every shade imaginable. Write for prices and particulars, stating your requirements.
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Some thousands of choice mixed gladioli bulbs and bulblets for sale cheap, as soon as dry. REASON—Change of business. H. A. Catlin, White Sulphur Springs, West Va.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

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Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.
We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
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Evergreens, shrubs and privets. Send in your list of wants. Trade list out in September. Write for it.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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Heliotropes, 2 and 3-in. Mme. Bruant, the finest heliotrope for pot sales and bedding. N. O. Caswell, Delavan, Ill.

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The largest and finest standards of Hydrangea Paniculata Grandiflora in the country at reasonable rates. Splendid standards of Forsythias and Weeping Lilacs, all in true tree form and carefully staked. Immense blocks of Spiraea Anthony Waterer, S. trilobata, Viburnum tomentosum and all the fine shrubs on the market.
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Iris Germanica and other fine species of Iris grown by the thousands, many of which are suitable for forcing. SPECIAL OFFER: 100 new iris at $30.00 the 100 for one week only. Send for descriptive catalogue.
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Hardy English Ivy, 2¼-in., $2.00 100.
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At all times extra fine CUT BLOOMS of Lily of the Valley, $3.00 per 100. Cash must accompany orders. Anton Schultheis, Box 78, College Point, L. I., N. Y.

Lily of the Valley, every day in the year, $3.00 per 100.
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Extra fine VALLEY, $4.00 to $5.00 100.
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English Milltrack mushroom spawn from a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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HARDY MYRTLE, grand stock, extra heavy field-grown. $6.00 100, $50.00 1000. A. L. Miller, Station E, Brooklyn, N. Y.

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Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

Narcissus paper white grandiflora, $1.00 100.
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Oranges and Kum Kwats, grafted, 10-12 in., bushy, $20.00 100.
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We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

ORCHIDS, 12 staple varieties for cut flowers, from 75c to $2.50 each.
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Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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We shall have, for September delivery, a limited quantity of choice paeonies suitable for commercial cut flower work. Varieties and prices on application. The Cottage Gardens, Queens, L. I., N. Y.

Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

Large double pink paeonies, $5.00 100.
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PAEONIES—September shipments.
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BALL'S PALMS. Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.
KENTIA BELMOREANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 5-in. 75c, 6-in. $1.00 and $1.25, 7-in. $1.50, 8-in. $2.00 each. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $2.50, 9-in. $3.00, 10-in. $4.00, $5.00, $6.00 and $7.50.
KENTIA FORSTERIANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 6-in. 75c. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $3.00.
ARECA LUTESCENS, 2½-in. $6.00, 3-in. $10.00, 4-in. $17.50 per 100. Several in a pot, very bushy, 6-in. 50c, 75c and $1.00, 8-in. $2.00 and $3.00, 10-in. $4.00 and $5.00, 12-in. $7.50.
LATANIA BORBONICA, 2½-in. $4.00, 3-in. $8.00 per 100, 4-in. strong, 25c, 6-in. 50c, 8-in. $1.50.
PHOENIX CANARIENSIS, 8-in. pots at $2.00 and $2.50, 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.
ARAUCARIA EXCELSA, 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.00.
ARAUCARIA ROBUSTA COMPACTA, 16 to 18-in. high, 3 to 4 tiers, $2.00; 18 to 20-in. high, 4 tiers, $2.50.
PANDANUS VEITCHII, 6-in. at $1.00.
PANDANUS UTILIS, 4-in. 20c, 6-in. 50c, and 75c, 8-in. $1.00.
COCOS WEDDELLIANA, FICUS ELASTICA, DRACAENA SANDERIANA, ETC.
Descriptive price list on application.
CHAS. D. BALL, Holmesburg, Philadelphia.

KENTIA BELMOREANA, 12-15-in., 4-5 char. lvs., 4-in. pots, $20.00 100, $180.00 1000; 15-18-in., 5-6 char. lvs., 4-in. pots, $35.00 100.
LATANIA BORRONICA, 12-15-in., 2 char. lvs., 4-in. pots, $15.00 100.
Pandanus Utilis, 12-15-in., stocky, 4-in. pots, $20.00 100; 18-in., stocky, 5-in. pots, $25.00 100.
PHOENIX FARINIFERA, RECLINATA, and PUMILA, 12-15-in., 4-in. pots, $15.00 100; 15-18-in., several lvs. showing character, 5-in. pots, $25.00 100.
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ARECA LUTESCENS, 24-30-in., 5-in. pots, $30.00 100.
FICUS ELASTICA, 10-12-in., top cuttings, $20.00 100.
Not less than 50 of a kind at above prices.
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Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right.
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PALMS. Largest and hardiest grown stock, in all sizes and varieties, at greatly reduced prices. Send for catalogue.
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I have 15 large houses full of FINE PALMS, ferns, asparagus, and Adiantum farleyense. Send for price list.
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Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots, 75c. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

PANDANUS VEITCHII, fine plants, 6-in. pots, $2.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

We have the finest stock of PALMS in the country. Write for prices.
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Kentias, good, 50c, 75c and $1.00 each.
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For Pansy Seed see under heading "Seeds."

500,000 PANSIES, finest market strain grown. Awarded first-class certificate of merit by the Mass. Horticultural Society.
ATTENTION is called to these facts:
This strain is the result of over twenty years' careful selection.
The seed was saved this year from over 12,000 plants, the finest among the 500,000 flowered and sold last spring.
Particular attention is always paid to form and substance as well as size and color. The colors will be found very evenly proportioned, including rich selfs, brilliant variegations and many novel shades—no dull, mixed sorts.
Our pansies have for many years held the highest reputation in the Boston and Eastern New England markets and we confidently believe will be found the most satisfactory strain ever offered for florists' use.
Two of our customers write us as follows:
Boston, Mass.
Mr. I. E. Coburn. Dear Sir:—The pansies you have supplied us with have been the means of largely increasing the demand for these plants. The colors, size and form have been the admiration of all our patrons who have had them.
Yours truly, SCHLEGEL & FOTTLER CO.,
Seedsmen, 26 South Market Street,
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Mr. I. E. Coburn:—We have handled several thousand baskets of your pansies for the past four years and find them superior in size, color and variety to any grown in this section.
J. A. BRYANT & CO.,
Commission Merchants, Faneuil Hall Market.
We offer a limited number of young plants for sale this fall.
Nice plants from seed bed, $5.00 per 1000. Transplanted plants after September 1st, $6.00, $8.00, $10.00 per 1000, according to size.
By express only. Cash with order.
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Pansies, selected strain, fine, stocky plants, $4.00 per 1000; 10,000 for $35.00. Cash with order. Alfred Funke, Evergreen, Bergen Ave., nr. Cypress Ave., L. I., N. Y.

Zirngiebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out.
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Pansies, strong plants, $4.00 per 1000. Now Ready. Chas. Ellinger, Ozone Park, L. I., N. Y.

Pansy plants from the famous Jennings' strain of seed, at $4.00 1000.
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Capsicum annuum, "celestial" pepper, 2¼-in. $2.00 100. S. Muir, 3530 Mich. Ave., Chicago.

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Poinsettias, fine strong plants, 2½-in., $8.00 per 100. Will make the very best plants for Christmas sales.
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Poinsettias, 2½-in., nice, strong plants, $4.00 per 100.
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Improved Chinese primroses, finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-in. $2.00 100. Extras added liberally. Cash.
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Primula obconica grandiflora, alba and rosea (mixed only), very strong, 2-in. $2.00 100; 3-in., very strong, ready for 4 or 5 in., $5.00 100.
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Primulas obconica grandiflora alba and rosea, ready for 5-in. pots, fine plants, $8.00 100. Cash, please. G. M. Naumann, 532 Doan St., Cleveland, O.

Primroses, from finest imported seed, white, light pink, scarlet and blue, 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

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Primroses, Chinese, Obconica grandiflora and Forbesi, $2.00 100. Cash.
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Baby Primrose, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

Baby primroses, 2½-inch, $3.00 100.
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RESSURECTION PLANTS.

Resurrection plants.	100	1000
12-14 in. circum.	$2.00	$15.00
15-18 " "	3.00	20.00
20-25 " "	4.00	25.00
30-35 " "	5.00	40.00

Prices include prepayment by parcel-post.
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Rose plants, extra fine, for winter bloom.

	100	1000
1500 Golden Gates, 3-in.	$5.00	$40.00
1500 Meteors, 3-in.	5.00	40.00
1500 Kaiserins, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order.
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Roses in quantity. Budded and on own roots. Crimson Ramblers and all other climbing and creeping roses. Low price. Manetti stock for December delivery, $10.00 1000. 200,000 roses in 2-in. pots for immediate and early spring delivery.
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Must sell. Fine healthy stock. Maids and Gates, 3-in., $4.00 100, $45.00 1000; 2½-in., $3.00 100, $25.00 1000. Brides, 3-in., $5.00 100. Some Beauties and Perles, $5.00 100.
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ROSES FOR WINTER FLOWERING.
Bridesmaid, Mme. Hoste, Safrano, Golden Gate, 3-in., $6.00 per 100. GRAFTED ROSES: Ivory (American Rose Co. stock), $15.00 per 100; Golden Gate, $12.00 per 100; Bridesmaids, 3½-in., $12.00 per 100.
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Strong, clean plants:	100.	1000.
Brides, Kaiserins, 3-in.	$4.00	$35.00
Gates, Meteors, 3-in.	4.00	35.00
Maids, Brides, 2-in.	2.00	20.00

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LOOK! LOOK!!
Roses ready for planting, good heavy stock: Perles, Brides, Maids, Gates, Woottons, 3-in., $5.00 per 100; 4-in., $8.00 100.
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ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
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MANETTI rose stocks. English-grown, especially graded for florists' grafting. Thomas Meehan & Sons, Inc., Dresbertown, Pa.

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Bride and Maid roses, 3-in., $3.00 per 100, $30.00 per 1000. Cash with order.
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Field-grown roses in large quantities. Very fine. Write for prices.
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Roses, 1000 Bride and Bridesmaid, 3-in. pots. The lot for $20.00.
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Bride, Bridesmaid and Golden Gate, 4-inch pots. $5.50 per 100.
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200 Golden Gate roses, 4-in., in good condition, $5.00 100
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IVORY ROSES. Fine, strong 4-in. pot plants, $15.00 100.
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Manetti stocks for fall delivery.
HIRAM T. JONES Elizabeth, N. J.

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Ficus elastica, 18 to 24-in. high, 6-in. pots, $4.00 and $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Ficus elastic, 18 to 24 inches high, in 5-in. pots, $4.00 and $5.00 per dozen.
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Top cuttings of Rubbers, 5 to 8 leaves, well rooted, out of 3-in. pots, $15.00 per 100.
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200 Rubbers, 6-in. pots, $3.50 per doz.
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Pansy seed that comes true to description.

	¼ oz.
Finest French giant-flowered strains	$1.00
Finest German strains	1.00
Bordered, large-flowered German	1.00
Finest velvety, rich colors	1.00
Finest dark yellow, three-spotted	1.00
Woodbury's white, best large-flowered	1.50
Woodbury's special mixture	1.25

Trade packet of any of above, 50 cts.
D. B. WOODBURY, Pansy Specialist, So. Paris, Me.

PANSY SEED. Mammoth Butterfly, very fine, 1000 seeds 25c. Choice named varieties, ⅛ oz. 75c, ½ oz. $2.50, oz. $4.00. Extra choice mixture, 20 varieties, trade pkt. 35c., oz. $4.00. Giant Trimardeau, high-grade mixture, oz. 75c. Giant Trimardeau, named colors, 20 var., 75c to $4.00 oz. Above are imported direct from best growers. Seed all tested.
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Giant Pansy seed, large-flowering varieties, 5000 seeds, $1.00; half pkt., 50c. Chinese primrose, finest grown, large-flowered, fringed, single and double, 15 var., mixed, 500 seeds, $1.00; half pkt., 50c. Daisy, double giant, white and rose, mixed or separate, 1000 seeds, 25c. Cash. A pkt. of new ever-blooming forget-me-not, "Constance," added to every order.
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Pedigreed seed from Rosecroft Gardens. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed, $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

New crop pansy seed—Superb show mixture, ⅛ oz. 75c, oz, $5.00. Finest giant strains, oz. $2.50; in mixture, oz. $2.00. Cineraria seed—Giant prize, mixed, trade pkt. 75c. New large-flowered, striped, pkt. 25c.
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Cyclamen persicum seed, $4.00 1000 seeds. Asparagus Sprengeri seed, $1.75 1000 seeds. Prize strain pansy seed, Bugnot, Cassier and Odier mixed, or Giant Trimardeau, $2.00 oz. All fresh seed. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

New crop PANSY seed of the famous JENNINGS' strain now ready. Finest mixed pkt. $1.00; ½ oz. $3.00; oz. $5.00. Separate colors, red, white, blue, yellow and black, 50c pkt. Cash. E. B. Jennings, Box 254, Southport, Conn.

New crop of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 oz. A. Sprengeri, $1.50 1000. Giant pansy, mixed, $1.00 oz., $10.00 lb.
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Fresh double HOLLYHOCK seed, white, pink, red, black, maroon and yellow, 10c per pkt. Allegheny, 15c per pkt. One pkt. each of the 7 varieties for 50c.
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Fresh Kentia Belmoreana or Forsteriana seed, 50c 100, $4.00 1000, $17.50 5000. Asparagus Sprengeri, 30c 100, $2.00 1000. Sweet pea, all florists' sorts, 5c oz., 10c ¼ lb., 25c lb. H. H. Berger & Co., 47 Barclay St., New York.

Cyclamen gig. seeds. Our own well-known strain. In separate colors, $7.00 per 1000 seeds, 75c per 100 seeds.
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Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, Ne plus ultra strain, $4.00 oz. Cash.
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Zirnglebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirnglebel, Needham, Mass.

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Smilax, strong and bushy, 2-in., $1.00 100, $9.00 1000; 3-in., $2.50 100, $20.00 1000. Cash, please. Samples 10c. R. Kilbourn, Clinton, N. Y.

Smilax. 3000 strong 2½-in. pots, been cut back twice. $2.00 per 100; $15.00 per 1000. Cash with order.
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Smilax. Big, strong plants ready to run; they are fine and will surely please you. $1.50 100; $13.00 1000. C. Humfeld, Clay Center, Kan.

25000 extra strong smilax plants, 2¼-in., ready for planting. $1.00 100, $8.00 1000.
BUCKLEY PLANT CO., Springfield, Ill.

2000 smilax clumps, 1 year old, $10.00 per 1000; $1.25 per 100. Cash with order.
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Smilax, strong, ready to branch, 2-in. $1.00 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

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SMILAX, 2000 strong 2½-in. $15.00 1000, $2.00 100. Murray The Florist, Peoria, Ill.

Smilax, strong, heavy 1 year plants, $3.00 100. F. A. Baller, Bloomington, Ill.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C. Betscher, Canal Dover, O.

Smilax, strong 2-in. To close out, $1.00 100. Geo. M. Emmans, Newton, N. J.

Smilax, strong plants, $1.50 per 100.
C. L. Reese, Springfield, Ohio.

Smilax, 3-in., $3.00 100; $20.00 1,000.
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Smilax, strong 3-in., $3.00 100.
EVENDEN BROS., Williamsport, Pa.

Smilax, good, 2½-in., $2.00 100.
Harry White, R. R. No. 6, Wabash, Ind.

Smilax, 2-in., strong, $1.50 100.
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Smilax, 15c per string.
A. N. PIERSON, Cromwell, Conn.

Smilax, 2-in., $1.00 100.
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Smilax, fine 2-in., $1.50 100, $13.00 1000.
S. T. Danley, Macomb, Ill.

For elegant smilax, write
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Stevia, tall or dwarf, 2 in. pots, $2.00 per 100; 3-in. pots, $4.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

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Clyde and Warfield, most reliable sorts (immense croppers). Well established young plants from pots; planted now and in August, warranted to produce a full crop of the finest berries next spring, 50c per doz.; $3.00 per 100.
F. A. Baller, Bloomington, Ill.

SWAINSONAS.

Swainsona alba, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

UMBRELLA PLANTS.

Cyperus alternifolius, outdoor-grown, 3-in., ready for a shift, $4.00 100. N. Smith & Son, Adrian, Mich.

A few fine Cyperus alternifolius left, 3-in. $4.00 per 100. W. W. Dedrick, Ashley, Ind.

VEGETABLE PLANTS.

Tomatoes will be a profitable crop this winter. September, the month to plant. Our own strain, early, heavy, prolific Lorillard has stood the test four years without club-root or blight here, and no complaint from the thousands sent out. We offer strong 3-in. pot plants at $2.00 per 100. Cash with order.
RONEY BROS., West Grove, Pa.

Celery, strong transplanted stock, $1.00 1000, just to close out. Larger lots cheaper yet. Write us if you have room for any. W. Plume, G. Self-blanching and Golden Heart. R. Kilbourn, Clinton, N. Y.

2500 selected Mayflower and Lorillard tomato plants, 3-in. pots, 10 to 12 inches from top of pot, strong, $3.00 100. Cash, please.
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VEGETABLE PLANTS. All vegetable plants in their season, by the 100, 1000 or 10,000.
R. VINCENT, JR. & SON, White Marsh, Md.

VERBENAS.

Lemon verbenas, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

VIOLETS.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
SWAN PETERSON FLORAL CO., Gibson City, Ill.

Healthy field-grown Campbell violets now ready. No. 1, $3.00 per 100, $25.00 per 1000; No. 2, good plants, $1.50 per 100, $13.00 per 1000. Packed to carry safely. Cash with order from unknown parties.
CHAS. BLACK, Hightstown, N. J.

Princess of Wales, field-grown clumps, $5.00 100; 2nd size, $3.00 100. California, field-grown, $3.00 100. Lady Campbell, pot-grown, extra strong, 3-in., $3.50 100. N. Smith & Son, Adrian, Mich.

Marie Louise, Campbell and Swanley White, 2½-in., strong, $3.00 100, $25.00 1000. California, field clumps, $3.00 100. $25.00 1000. All fit to bench now. Cash. Benj. Connell, West Grove, Pa.

Princess of Wales and Lady Campbell violet plants. Strong field-grown clumps from sand struck cuttings, ready September 1. $5.00 per 100, $40.00 per 1000. Samples 10 cents.
The Albert H. Brown Co., Westboro, Mass.

10,000 violet plants, 3000 Farquhar and 7000 Lady Campbell. Strong, field-grown clumps, clean and healthy. $5.00 per 100; $45.00 per 1000.
Herm. Bowman, Box 404, White Plains, N. Y.

Grand Rapids violets. Field-grown Lady Campbell and Swanley White at $4.00 per 100, $35.00 per 1000. Sample 10c. Cash with order.
Eli Cross, Grand Rapids, Mich.

Now is the time to plant violets if you grow for money. Fine plants of L. H. Campbell, $2.25 per 100; $20.00 per 1000. T. H. Norton, Hightstown, N. J.

Campbell violets, field-grown, strong and free from disease, $4.00 100, $35.00 1000.
E. R. Lowe, 42 Summer St., W. Roxbury, Mass.

Extra fine field-grown Lady Hume Campbell violets, $3.00 100, $25.00 1000. 250 at 1000 rate. Cash with order, please.
E. J. Cloud, Avondale, Pa.

Violets. Large California violets, strong field-grown clumps, $4.00 per 100; from 2½-in. pots, $2.50 per 100.
Brookside Greenhouses, Reading, Pa.

Violets, Marie Louise. 2½-in. pots, strong, $2.50 per 100; $20.00 per 1000. Cash.
SEIDEWITZ, 36 West Lexington St., Baltimore, Md.

Campbell violet clumps, field-grown, at $3.00 100. Ready now, clean and healthy. By the violet grower, A. B. Campbell, Cochranville, Pa.

Imperial violets, from 3-in. pots, good, healthy stock. $5.00 per 100; $45.00 per 1000. Cash with order. W. C. Pray & Co., Kinkora, N. J.

Princess of Wales and Marie Louise violet plants, strong field-grown, $4.50 100, $40.00 1000. Cash. Loeffler Bros., Watertown, Wis.

Imperial, M. Louise and Swanley White, 3-in., $3.75 100; $35.00 1,000. Crabb & Hunter, Grand Rapids, Mich.

1000 good Marie Louise from flats, $2.00 per 100; $15.00 per 1000. John Curwen, Jr., Glen Head, L. I., N. Y.

Lady Campbell violets, field-grown, $4.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

MARIE LOUISE violets, fine, healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Marie Louise violets, strong, clean, healthy plants, $2.50 100, $20.00 1000.
J. B. RUDY, Elmira, N. Y.

1000 good Marie Louise violets, from flats, $2.00 100, $15.00 1000.
John Curwen, Glen Head, L. I., N. Y.

10,000 Marie Louise violets, 2½-in. pots, $25.00 per 100.
Robt. Chesney, Montclair, N. J.

Marie Louise violets, 2½-in., to make room, $2.00 per 100. Cash. Hull Floral Co., Morris, Ill.

TO EXCHANGE.

To Exchange—4½ and 5-in. Asparagus Sprengeri and Capsicum annuum (celestial pepper), 2¼-in., for Asparagus plumosus 2½ to 4-in., or good size Boston ferns. S. Muir, 3530 Mich. Ave., Chicago.

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To Exchange.—1000 A-1 Joost for Flora Hill and White Cloud. Otto Bourdy, Lowell, Mass.

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Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express. 16 and 18 lbs.
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Something new in bench tile. Light, strong and never rots. Cheap as lumber in first cost. Harbors no insects, does not swell, shrink or warp, gives good drainage and yet holds moisture. Send for sample and price to
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Red pots. Write for prices and sample pot.
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Krick's flower pot hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. By mail 10c extra per doz. Sample pair, 10c postpaid.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
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Fresh, clean, 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

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American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
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G. S. Walters, 1527 Pine St., St. Louis.

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PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

ASHEVILLE HOTELS.

The hotel accommodations at Asheville would probably have been sufficient had not the railways advertised widely the special rate made the S. A. F. and made it open to everyone. As a result many excursion trains brought crowds of people to the city from adjoining states and the city and the hotels were packed. One of the local papers said there were more visitors in town than at any other time in its history, and estimated the number of arrivals on Tuesday at fully 3,000.

The Battery Park Hotel was supposed to be the best hotel in the city and nearly everybody on the two special trains from the east and the west went there first. They discovered that the clerk at this hotel was entitled to rank as the most discourteous and insolent hotel clerk in the country. Those who had written long in advance to have rooms reserved for them were curtly informed that the hotel was full. One gentleman who had telegraphed his reservation asked: "Why didn't you answer my telegram?" The clerk's response was: "We haven't any time to answer telegrams." The gentleman observed that that was no way to do business and was sharply informed: "That's the way we do business."

And not only delegates to the convention were so treated. A southern lady who had telegraphed this hotel in advance for a room was told on her arrival late at night that she must look elsewhere for accommodation, and but for the consideration of the proprietor of the Hotel Berkeley, who under the circumstances gave her a lounge in the hotel parlor, she might have been obliged to stay on the street all night. The just indignation of this lady will, we are sure, make her for life an advertiser of the wrong kind for the Battery Park Hotel.

Every one we have met that ran up against the management of this Battery Park Hotel had a tale of discourteous treatment to tell. The manager seems to think that he has a lead pipe cinch on the situation and that it is unnecessary for him or his assistants to use even common courtesy in dealing with the traveling public.

We are pleased to say that the proprietor of the Hotel Berkeley was a pleasing contrast. His hotel was full; he was swamped with business; he couldn't give his patrons the service he wished to, but he did his best and treated all with unfailing courtesy. After coming in contact with the insolent management of the Battery Park Hotel this was probably more noticeable. But it is worthy of note under the circumstances.

A "CROP-ANNOUNCE."

We have received a circular from an European seed grower that contains some intensely amusing English. We feel we ought to share the pleasure of a perusal with our readers, and we present some extracts below:

As usually we take the liberty to mention you the views of our crop.

In generally we may be content, there are some varities which are about a forth night later than usual, as the weather was very cold during the month of May, nevertheless we are happy to acknowledge to have the right Summer now which can easely fetch in this retard.

The dryness and insects of last summer have damaged very much to the two years plantation but which we kept are in generally very good.

We are glad to say the follow of our crop at present:

Cabbage. As above mentioned we lost a party before the winter which we kept are very good and expect to have an average crop.

Cornsalar. Large qwantity in culture aspects very good.

Cucumber. It is rather early to say anything about it, they are late, when we keep nice weather the crop will be sufficient.

Beans. The aspects are looking very wel.

HAIL ASSOCIATION.

At the meeting of the Florists' Hail Association at Asheville the old officers were re-elected. Amendments to the by-laws were passed extending the time for reporting a loss from five days to fifteen days, and for filing proof with the secretary from ten days to sixty days. Failure to file proof of loss within the sixty days will relieve the association of liability.

ROSE DOROTHY PERKINS.

A very favorable report on this new American rose appears in the issue for June 14 of the Gardening Illustrated, showing that the rose is demonstrating its good qualities in English as well as American gardens. It is referred to as a first-rate companion of the Crimson Rambler.

WASHINGTON, D. C.

Mr. William F. Gude, the well-known florist, has been elected president of the Washington Business Men's Association. In this connection the Washington Times prints a portrait of Mr. Gude and a sketch of his life in its issue of Aug. 10.

SPRINGFIELD, MASS.

Charles R. Miller, who formerly conducted a floral establishment on Main street, and who is at present in the employ of Thorley, New York, spent a week in this city recently. Ino.

San Jose, Cal.—The Braslan Seed Co. has been incorporated with a capital stock of $75,000, with $5 subscribed and with O. H. Braslan, E. O. Pieper, M. W. Williams, Chas. P. Braslan of San Jose, and Milton Bernard of San Francisco, as directors.

Colorado Springs, Colo.—The fourth annual flower show of the El Paso County Hort. Society, Aug. 20 to 22, was a decided success. The entries were numerous and many prizes were awarded, mainly to amateurs. In the classes for professional florists there were entries from the Far. Floral Co., Denver; F. F. Crump, W. W. Wilmore and Frank Perkins.

Hillsboro, O.—The Hillsboro Floral Co. will move its plant to Blanchester, O., Oct. 1st. Fourteen acres have been secured on the Cuba pike inside the town limits and the lumber is on the ground for two houses, each 20x60, same to be completed by Oct. 10th. The name will be changed to the Blanchester Floral Co.

Winona, Minn.—The Winona Floral Co., which secured a lease of the Youmans greenhouses for ten years, is repairing the houses and putting the grounds in shape. Messrs. H. W. Rogers and R. G. Guenther, formerly of Chicago, are managing the business.

Utica, N. Y.—The members of the Utica Florists' Club entertained visiting florists from Syracuse at a clam bake at Wells' grove in Deerfield Aug. 12. William Matthews was master of ceremonies. There were about forty in the party, and a most enjoyable outing was had.

Marion, Ind.—Mr. Carl Anderson, for some time past gardener at the National Military Home, has removed to Seattle, Wash. His position at the Home will be taken by Mr. R. A. McKeand, formerly of Garfield Park, Indianapolis.

Baker City, Ore.—John Weeks has purchased the Baker City greenhouses from Mrs. P. Basche, the consideration being $3,000 cash. Mr. Weeks will enlarge the establishment.

Sedalia, Mo.—In the floricultural department of the Missouri State Fair held here Aug. 18 to 23, Messrs. Gelven & Son received nine first premiums, C. Koeppen four, and C. A. Pfeiffer one.

The Florists' Manual

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

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Asplenium
Aster
Astilbe japonica
Azalea
Balsam
Bay Trees
Bedding Plants
Begonia
Bellis
Bottom Heat
Bougainvillea
Bouvardia
Bromeliads
Browallia
Bulbs
Caladium
Calamus
Calceolaria
Camellia
Canna
Carludovica
Carnation
Celosia
Centaurea
Cheirauthus
Chrysanthemum
Cineraria
Clematis
Cobea
Cold-frames
Coleus
Cosmos
Cotyledon
Crinum
Crocos
Croton
Cycas
Cyclamen
Cytisus
Dahlia
Decorations
Decorative Pl'ts
Deutzia
Dianthus
Dracaena
Drainage
Easter Plants
Epacris
Erica
Eriostemon
Eucharis
Eupatorium
Euphorbia
Ferns
Fertilizers
Ficus
Fittonia
Floral Arrangements
Freesia
Fuchsia
Fungicides
Gardenia
Geranium
Gladiolus
Glazing
Glechoma
Gloxinia
Grasses
Greenhouse Bldg
Grevillea robusta
Hardy Perennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Koeniga
Lantana
Lapageria
Lawns
Libonia
Lilium
Lily of the Valley
Linum trigynum
Lobelia
Lysimachia
Manettia
Manures
Maranta
Martinezia
Marsdya
Metrosideros
Mignonette
Mimulus
Moon Flower
Mulching
Musa
Myosotis
Nepenthes
Nierembergia
Oleander
Orchids
Othonna
Oxalis
Packing Flowers
Packing Plants
Paeonia
Palms
Pandanus
Panicum var.
Pansy
Pelargonium
Peperomia
Perilla
Petunia
Phlox
Pinks
Poinsettia
Potting
Primula
Rhododendron
Richardia
Ricinus
Roses
Salvia
Santolina
Sedum
Seed Sowing
Selaginella
Shading
Skimmia japon'a
Smilax
Soils
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PAPER WHITE GRANDIFLORA. Extra Large Bulbs.

This is one of the most profitable bulbs to grow this year, as Roman Hyacinths are rather too high in price. Our stock is true to name. $9.00 per 1000. Special price will be quoted on larger lots

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Rose Plants for Winter Bloom

	Per 100	1000
1500 Golden Gate, extra fine, 3-in.,	$5.00	$40.00
1500 Meteor, extra fine, 3-in.	5.00	40.00
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This stock is in fine growing condition and will satisfy the most critical buyers. Terms cash with order.

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We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at $5.00 per 100: $45.00 per 1000.

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Immense Spikes. Very Fragrant and High Colored.

GREENHOUSE-GROWN SEED. Trade packets of about 2000 seeds, $1.00.

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Elegant stock—never offered better plants. Brides and Meteors, 3-in., $2.50 per 100; $19.00 per 1000. Cash with order.

BRANT & NOE, Forest Glen, Chicago.

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Marquis, Gomez. Fine field-grown, $5.00 per 100.

ROSES. Brides and Maids, 3½-in., $4.00 per 100.

MUMS in variety, $2.00.

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BRIDESMAIDS, Mme. HOSTE, SAFRANO, GOLDEN GATES, 3-inch pots, per 100, $6.00.

Grafted IVORY (American Rose Co. stock) per 100, $15.00.
GOLDEN GATES (very fine) per 100, $12.00.
BRIDESMAIDS, 3½-inch pots, per 100, $12.00.

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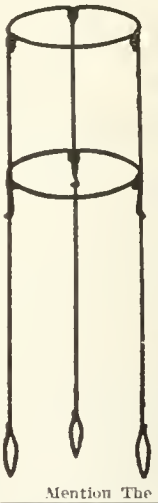

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Endorsed by all the leading carnation growers as the best support on the market.

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Write for prices and circulars.

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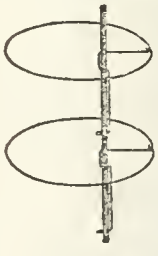
TESTIMONIALS.



From A. Gude & Bro., Washington, D. C., April 11, 1902. "In reply to your inquiry of March 19 in reference to the Wire Tendril, we beg to say that we find them very satisfactory in every respect."

From Alex. B. Gardner, Washington, D. C., Oct. 29, 1901. "I have used your Wire Tendrils on my roses and carnations and find them much better than anything else I have ever used or seen."

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Giant Double Alyssum,	2¼-inch pot, $2.00 per 100.
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Swainsona Alba,	2¼-inch pot, $2.00 per 100.
Baby Primrose,	2¼-inch pot, $2.00 per 100.
Lemon Verbena,	2¼-inch pot, $2.50 per 100.

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

NEW CROP PANSY SEED

Superb Show Mixture.. .....⅛ oz. 75c;	oz. $5.00
Finest Giant Strains oz. $2.50; in mixture, oz.	2.00
Cineraria, Giant Prize Mixed .... trade pkt.	.75
Cineraria, new large flowering, striped, pkt.	.25

NOW READY.	Per 100	Per 1000
L. Harrisii, 5x7	$4.50	$40.00
L. Harrisii 7x9	11.00	100.00
L. Candidum, 20 centi. and up	5.50	
Callas, 5¼ to 6-in. circumference ..	7.00	65.00
Callas, 4½ to 5¼-in. " ..	5.50	50.00
Freesias, 1¾ to 2¼-in. " ..	.90	8.00
Roman Hyacinths, 12 to 15 centi...	2.50	24.00

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

PANSIES. The Jennings Strain.

New Crop Seed Now Ready.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain: "The largest and finest colored flowers we have ever seen."

I grow only pansy seed and plants, and only the finest. Plants, $4.00 per 1000. Finest seed, mixed, pkt., $1.00; ½-oz., $3.00; 1-oz., $5.00. Separate colors in red, white, blue, yellow and black, pkt., 50 cents. Cash with order.

E. B. JENNINGS, Lock Box 254, **Southport, Conn.**
GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

OUR STOCK

Will Please

YOUR CUSTOMERS.

C. C. Pollworth Co.

Milwaukee, Wis.

Catalogue on application.

PRIMULA POISONING.

Tell the subscriber who has been poisoned by Primula obconica to try good thick sweet cream well and frequently rubbed on as a lotion. This has with us proved a sovereign remedy.

J. W. Margrave.

Hiawatha, Kan.

It seems to me that the action of Primula obconica poisoning is similar to that of the poison ivy. The cure in both cases, as far as my experience goes, is a free application of tincture of bloodroot. Apply the tincture with a sponge or clean cloth to the parts affected. I have known of several cures by this tincture where the poisoning has been caused by either the ivy or the primula. I would like to know the result of this treatment in the case referred to (if the patient sees fit to try it), either by letter or through the Florists' Review.

Charles S. Mason.

Farmington, Conn.

I see one of your subscribers is suffering from Primula obconica poisoning. I was similarly affected, though not to the same extent. A few applications of peroxide of hydrogen gave me relief.

John G. Sipe.

Carlisle, Pa.

KALAMAZOO, MICH.

During the past month trade has been steady, and, comparing it with the same month of a year ago, there is a considerable advance. With the resorters beginning to return and the Elks' Street Carnival, which continued for a week, the last part of the month was quite lively.

Roses from young stock are plentiful and of a high grade, the demand for Beauties being quite brisk.

Carnation planting is just about finished. The plants are strong and promise a good cut in the near future. G. Van Bochove & Bro. are already cutting some fine blooms from their earlier planted houses.

Mums are looking well, and from present appearances are likely to be early.

We are having delightful fall weather.

Mrs. D. Wood Brant of Forest Glen, Chicago, has been a visitor for a week.

R.

Dunkirk, Ind.—John N. Johnston has filed a petition in bankruptcy. His assets are $450 and his liabilities $3,042.

PRIMROSES

	Per 100
Chinese	$2.00
Obconica Grand	2.00
Forbesi	2.00

Asparagus { Sprengeri, 2-inch pots 2.00; Plumosus " " 3.00

CINERARIAS, now ready 2.00

PANSY PLANTS, ready October 1st, $3.00 per 1000 .60

NARCISSUS, Paper White Grandillora 1.00

CASH OR C. O. D.

JOS. H. CUNNINGHAM, - DELAWARE, OHIO.

Mention The Review when you write.

Poinsettias.

Fine strong plants, from 2½-in. pots.

At $8 00 per 100. These will make the very best plants for Christmas sales.

Wm. Scott, Main and Balcom Streets, **Buffalo, N. Y.**

Mention The Review when you write.

Smilax!

Strong plants, 2½-in. pots, ready for benching, $1.00 per 100; $10.00 per 1000

JOHN BROD, Niles Center, Ill.

Pansy Seed.

Mammoth Butterfly, very fine. 1000 seeds 25c. Choice named varieties, ⅛ oz., 75c; ¼ oz., $2.50; oz., $4.00. Extra choice mixture, 20 var.; trade pkt., 35c.; oz., $4.00. Giant Trimardeau, high grade mixture, per oz., 75c. Giant Trimardeau, named colors, 75c. to $4.00 per oz., 20 var. Above are imported direct from best growers. Seed all tested. JAS. C. MURRAY, Seedsman, Peoria, Ill.

WALTER MOTT SEED & BULB CO., Jamestown, N. Y.

SEND FOR CATALOGUE.

CARNATIONS!

Strong plants from well drained soil.

Flora Hill, price per 100, 1st size, $6 00; 2nd size, $3 50. Mrs. F. Joost, Ethel Crocker, Mrs. J. Dean, John Young, price per 100, 1st size, $5.00; 2nd size, $3 00.

1000 Good Marie Louise **VIOLETS**

From flats, $2.00 per 100; $15.00 per 1000.

JOHN CURWEN, Glen Head, L. I., N.Y.

Mention The Review when you write.

We have the largest stock of

ARAUCARIA EXCELSA

In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above	$0.50
5½-in. pots, 12 to 14 inches	60c to .75
6-in. pots, 15 to 18 inches	75c to 1.00
Specimen	1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots	.75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen	from $4.00 to 5.00
Boston Ferns, 6-in. pots	.40

Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants

1012 Ontario St., PHILADELPHIA, PA.

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FORSTERIANA and LATANIA BORBONICA

Price List for the asking.

Mention The Review when you write.

YOU OUGHT TO TRY

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at $3.75 per 100, until sold.

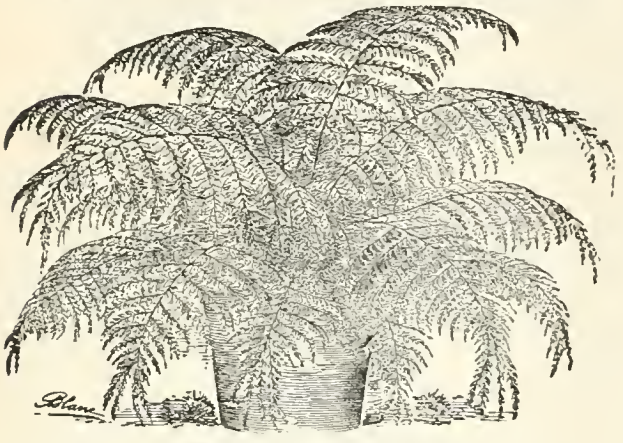
E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

DREER'S FINE FERNS!

Now is the time to lay in your supply of FERNS. We have in stock over one-half million plants grown in open frames, well-hardened and in prime condition to grow on for the coming season's use.



Microlepia Hirta Cristata.

	In. Pots.	Per 100	Per 1000
Adiantum Cuneatum	2	$3.50	$30.00
" "	3	6.00	50.00
" " Variegatum	2	4.00	.....
" "	3	6.00	.....
" Charlottæ	2	4.00	30.00
" "	3	6.00	.....
" Decorum	2	3.50	30.00
" "	3	6.00	50.00
" Farleyense	2	8.00	.....
" "	3	15.00	.....
" Grandiceps	2	3.50	30.00
" "	3	6.00	.....
" Gracillimum	2	3.50	30.00
" "	3	6.00	50.00
" Pubescens	2	3.00	25.00
Adiantum Rochfordianum	2	$3.50	$30.00
" "	3	6.00	50.00
" Rhodophyllum	2	5.00	.....
" "	3	8.00	.....
Aspidium Tsussimense	2¼	3.50	30.00
Asplenium Nidus-avis	3	20.00	.....
Blechnum Braziliense	2¼	3.50	30.00
" Occidentale	2¼	3.50	30.00
" Rubrum	2¼	3.50	30.00
Cyrtomium Falcatum	2¼	3.50	30.00
" Fortunei	2¼	3.50	30.00
Davallia Stricta	2¼	3.50	$0.00
Dicksonia Antarctica	3	8.00	....
Gymnogramme Sulphurea	2¼	5.00	.....
Lastrea Aristata Variegata	2¼	3.50	30.00
" Chrysoloba	2¼	3.50	30.00
Lygodium Scandens	2¼	4.00	30.00
Microlepia Hirta Cristata	2¼	6.00	.....
" " "	3	10.00	.....
" " "	4	15.00	.....
Nephrolepis Bostoniensis	2¼	4.00	35.00
" "	6	40.00	.....
" Cordata Compacta	2¼	4.00	35.00
Onychium Japonicum	2¼	3.50	.....
Platyloma Falcata	2¼	4.00	35.00
Polypodium Aureum	2¼	3.00	25.00
" Arenlata	2¼	3.50	30.00
" Fraxinifolia	2¼	3.50	30.00
Polystichum Coriaceum	2¼	4.00	35.00
" Setosum	2¼	3.50	30.00
Pteris Argyraea	2¼	3.50	30.00
" Cretica Albo-Lineata	2¼	3.50	30.00
" " Magnifica	2¼	3.50	30.00
" Harrisoni	2¼	3.50	30.00
" Internata	2¼	3.50	30.00
" Leptophylla	2¼	3.50	30.00
" Ouvrardi	2¼	3.50	30.00
" Palmata	2¼	3.50	30.00
" Serrulata	2¼	3.00	25.00
" " Cristata	2¼	3.50	30.00
" " Voluta	2¼	3.50	30.00
" Sieboldii	2¼	3.50	30.00
" Wimsetti	2¼	3.50	30.00

Choice Mixed Ferns

Our selection from 2¼-inch pots $3.00 per 100; $25.00 per 1000; $100.00 per 5000.

Seedling Ferns in Flats.

The following varieties can be supplied in flats containing about 200 plants each, at $2.00 per flat. These are thrifty young plants, in excellent condition to pot up at once. Adiantum Grandiceps, Lomaria Gibba, Lygodium Japonicum, Onychium Japonicum, and the following, Pteris, Argentea, Albo Lineata, Magnifica, Wimsetti, Adiantoides, Ouvrardi, Serrulata, Serrulata Cristata, and Sieboldii.

The Pierson Fern—Nephrolepis Piersoni.

We are now booking orders for early spring delivery of this most valuable Fern introduced in many years at $9.00 per dozen, 50 plants at 60 cents each; 100 plants at 50 cents each; 500 plants at 45 cents each; 1000 plants at 40 cents each.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

ASPARAGUS.

Plumosus, strong, 2¼-inch pots .....$3.00 per 100.
Sprengeri, from seed beds ..... 1.00 "

PANSY Seed. "Ne Plus Ultra" strain, $4.00 per oz.
Cash or C. O. D.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

Michigan Seed Co.

WHOLESALE GROWERS

GLADIOLUS, DAHLIA and CANNA

Flower Seeds and Bulbs.

SOUTH HAVEN, MICHIGAN.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Burpee's Seeds Grow

BARGAINS IN ROSES.

Clearance sale at sacrifice prices.

Strong, clean plants.

	100	1000
Brides, Kaiserins, 3-inch	$4.00	$35.00
Golden Gates, Meteors, 3-inch	4 00	35.00
Maids and Brides, 2-inch	2.00	20.00

CARNATIONS—Splendid, branchy plants.

Flora Hill, Marquis, Joost, Armazindy, Triumph, Scott $5.00 per 100; $40.00 per 1000. Mrs. Bradt, $6.00; Prosperity, $8.00.

W. H. GULLETT & SONS, - - Lincoln, Ill.

Mention The Review when you write.

Calla and Belladonna

BULBS FOR SALE.

CALIFORNIA NURSERY CO.

NILES, CAL.

Mention The Review when you write.

The New Nephrolepis Fern

ANNA FOSTER

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

BOSTON FERNS, now ready at $25.00 and $50.00 per 100.

L. H. FOSTER, Dorchester, Mass.

Mention The Review when you write.

MANETTI Rose Stocks

English Grown, especially graded for Florists' grafting. Write for prices.

Headquarters for RAFFIA.

THOMAS MEEHAN & SONS, Inc.

Wholesale Dept. Dreshertown, Montg. Co., Pa.

Mention The Review when you write.

B. & A. Specialties.

Dutch, French, Chinese and Japanese Bulbs.

English Manetti, $12.00 per 1000; French Manetti, $10.00 per 1000.
Special prices on large quantities.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Mention The Review when you write.

LOUISVILLE, KY.

Business the past week has greatly improved. Brides and Maids are coming in freely, but are rather small. Carnations are still very poor. Asters are plentiful and a drug on the market.

Mr. Jacob Schulz, C. H. Kunzman and August Boehner have returned from Asheville, and report having a pleasant time.

C. H. Kunzman's new carnation house is a model of beauty; size of glass, 24x36.

Victor Mathis has remodeled two houses.

Mrs. Coenen, who spent a week in Indiana, has returned greatly improved in health.

Hy. Fuehs' little boy, who has been quite ill with typhoid fever, has nearly recovered.

Mr. and Mrs. Jacob Schulz celebrated the twenty-fifth anniversary of their marriage Aug. 23d. The house was beautifully decorated for the occasion, and they received numerous and costly presents. The Kentucky Society of Florists presented Mr. Schulz with a very handsome leather chair.

Wm. Mann, who spent two weeks at Atlantic City, has returned and looks the picture of health.

Henry Huth, out at St. Stephen's cemetery, is putting up two more greenhouses. He has some very fine pot chrysanthemums. Hy. Lichtefeld.

DES MOINES, IA.

While returning from Asheville we stopped one day at Cincinnati and one at St. Louis, enjoying the parks and zoo at the former place and the botanical garden at the latter, where we found Mr. Gurney, the superintendent, in his ever pleasant mood. At his request we accompanied him on an inspection of Tower Grove Park, and we found his aquatics were remarkably fine. Nymphæa Frank Trelease is, we think, the finest nymphæa we have ever seen. N. Zanzibarensis was also extra fine, while the Victorias are wonders to behold. During our drive about the park Mr. Gurney called our attention to the various interesting specimens and landscape views there to be seen in their grandeur.

We arrived home tired and sleepy, but were soon at work among our flower beds, feeling satisfied that the trip to the convention was indeed an educational journey. J. T. D. F.

South Bethlehem, Pa.—Chas. Vorkeller, formerly of Allentown, has purchased the greenhouses and business of R. B. Williams at 817 Seneca street.

BALL'S PALMS, ETC.

Now in splendid condition. Fully up to the high standard my plants have attained for general condition and hardiness.
Send Orders Early. I will ship when wanted.

ARECA LUTESCENS. All sizes, from strong young stock to bushy specimens.
KENTIA BELMOREANA and FORSTERIANA. In "single" plants and elegant bushy "made up" plants. All in perfect condition.
LATANIA BORBONICA, stocky and strong.
PHOENIX CANARIENSIS, medium and large specimens.
ARAUCARIA EXCELSA.
ARAUCARIA ROBUSTA COMPACTA.
PANDANUS VEITCHII.
PANDANUS UTILIS.
COCOS WEDDELIANA, Etc.

Send for **Descriptive Price List**, or see last issue Florists' Review.

CHAS. D. BALL, Holmesburg, Phila., Pa.

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing L. I., Dec. 11, 1901.
Mr. Theron N Parker,
Parker-Bruen Mfg. Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. Thorne.

La Fayette, Ind., July 8, 1902.
Theron N. Parker,
Harrison, N. J.
Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. Dorner & Sons Co.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO. (Inc.)
208 Jersey Street,
HARRISON, - NEW JERSEY.
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

CARNATIONS....FROM....THE....FIELD.

Fine, strong, healthy plants grown on high ground.

300	PROSPERITY	at	$10 00 per 100.
200	LORNA	at	10 00 "
1500	LAWSON	at	8.00 "
1500	MORNING GLORY	at	8.00 "
325	AMERICA	at	8.00 "
150	GOMEZ	at	8.00 "
200	MARQUIS	at	8 00 "
300	NORWAY	at	8 00 "
1000	JOOST ..... at $5.00 and		8.00 "
300	CRANE	at	5 00 "
150	MACEO	at	5.00 "
1500	WHITE CLOUD	at	5.00 "
2000	TRIUMPH	at	5.00 "
500	GLACIER	at	5.00 "
600	GENEVIEVE LORD	at	5.00 "

Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.
Mention The Review when you write.

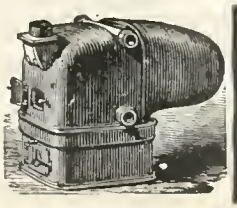
SURPLUS STOCK OF FIELD-GROWN

CARNATION PLANTS....

Extra strong stock, **$4.00** a 100; **$35.00** a 1000

E. Crocker.	**Flora Hill.**	**Joost.**
Eldorado.	**Cerise Queen.**	**America.**
Daybreak.	**W. Scott.**	**White Cloud.**
Meteor.	**Crane.**	**Armazindy.**

J. B. HEISS, The Exotic Nurseries, **DAYTON, O.**



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
And Ventilating Apparatus
Send Four Cents for Catalogue.

FIELD-GROWN CARNATIONS

FINE, STRONG, HEALTHY PLANTS.

	Per 100	Per 1000
Lawson	$7.00	$60 00
Crane	5.00	45.00
Morning Glory	5.00	45.00
Mrs. L. Ine	5.00	45.00
Marquis	4.00	35.00
Prosperity	4.00	35.00
Norway	4.00	35.00
Genevieve Lord	4.00	35.00
Joost	4.00	35.00
America	4.00	35.00
Triumph	4.00	35.00
Hoosier Maid	4.00	35.00
Melba	4.00	35.00
Guardian Angel	4.00	35.00

PETER REINBERG

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

Carnations!

30 000 strong healthy field-grown plants ready for planting now.

	Per 100	Per 1000
Bradt	$8 00	$70.00
Marquis	6.00	50.00
White Cloud	6.00	50.00
Flora Hill	6.00	50.00
G. Lord	5 00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00
Pingree	6.00	
Gold Nugget	6.00	

250 of one variety at 1000 rate.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

Mention The Review when you write.

CARNATION PLANTS.

Strong, Healthy Plants.

Flora Hill, G. Lord, E. Crocker, Queen Louise, White Cloud, $4.50 per 100.

ASPARAGUS PLUMOSUS, fine strong 3-in. plants, ready for a shift, $6.00 per 100.

Van Wert Greenhouses, VAN WERT, OHIO.

Mention The Review when you write.

CARNATIONS.

Field-grown, as fine plants as you ever saw.

	100	1000		100	1000
Lawson	$7.00	$60.00	G. Lord	$4.00	$35 00
E. Crocker	5 00	45.00	Flora Hill	5.00	45.00
Jubilee	4.00	35.00	Daybreak	4.00	35.00
Wm. Scott	4.00	35.00	Prosperity	10.00	

SMILAX, fine strong 2-inch, $1.50 per 100; $13 00 per 1000.

S. T. DANLEY, · MACOMB, ILL.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertiser

100,000 Field-Grown Carnation Plants.

Nearly all the choice new and old varieties.

Send your list. Send for Prices.

J. L. DILLON,
Bloomsburg, Pa.

Mention The Review when you write.

CARNATIONS!

Field-Grown Plants.	Doz.	100
Cressbrook (early propagated), 1st.	$3.00	$15.00
" 2d ..	2 50	12.00
Fair Maid	2 50	12 00
Floriana	1.50	8.00
Norway, extra	1.50	10 00
Genevieve Lord	1.50	8.00
Prosperity	.50	10 00
Egypt	1.00	7.00
Mermaid	1.00	6 00
Lawson	1.50	8.00

The above are all in good shape, ready for immediate shipment. 25 plants of one variety at 100 rate.

CHRYSANTHEMUMS.

We still have some nice thrifty young stock which we offer at $2.50 per 100, our selection. For list, see issue of August 21.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Cressbrook Carnations

From Field, nice, strong plants.

$10.00 per 100.
$75.00 per 1000.

Order Early, as I have only a few thousand left.

C. WARBURTON.
FALL RIVER, MASS.

Mention The Review when you write.

CARNATIONS

Strong, field-grown plants.

"Goodenough"

the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00	per 100
MACEO	5.00	"
SCOTT	5.00	"

Write for prices on large lots.

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.

Mention The Review when you write.

FIELD-GROWN

Carnations!

Crane (red), Joost (pink), Mary Wood (white), Smilax, Asparagus Plumosus and Sprengeri, and Boston Ferns. Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

EXTRA FINE FIELD-GROWN

Carnation Plants.

1000 White Cloud	$8 00	per 100.
500 Gold Nugget	8.00	"
500 Prosperity	8 00	"
1500 Wm. Scott	5.00	"
2000 Ethel Crocker	5.00	"
300 Gen. Maceo	6.00	"
300 Norway	6.00	"
1000 Mrs. Joost	6.00	"

LEO NIESSEN,

WHOLESALE FLORIST,

N. W. Cor. 13th and Filbert Streets,

PHILADELPHIA, PA.

Mention The Review when you write.

Murphy's White.

A Commercial White Carnation, vigorous and healthy grower, early, free and continuous bloomer. Stem and calyx its strongest points. A white flower and very fragrant. An enormous producer, both as a Summer and Winter bloomer. Price within reach of all.

Will be distributed beginning Jan. 15th, 1903. Facilities for rooting 300 000 cuttings. You will want it so place your order at once. 100, $6.00; 1000, $50 00; 5,000, $45.00 per 1000; 10,000, $40.00 per 1000.

I am headquarters for ESTELLE Cuttings, $1.00 per 100; $30 00 per 1000.

Correspondence solicited.

WM. MURPHY,

Wholesale Carnation Grower. Station F, CINCINNATI, O.

Mention The Review when you write.

10,000 Strong, Healthy Field-grown **CARNATION PLANTS**

Ready for planting. Can send either by Adams or United States Express.

	100	1000		100	1000
Crocker	$1.00	$25 00	Scott	$1.00	$25 00
Norway	5 00	30.00	White Cloud	4.00	25.00
Joost	5.00	35.00	Melba	4.00	25.00
Excelsior	4 00	25.00	250 at 1000 rate.		

Money Order with order.

WM. E. FOWLER & CO., Bellevue, New Castle Co., Delaware.

Mention The Review when you write.

Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L. I.

Mention The Review when you write.

ALL THE BEST **CARNATIONS**

Orders Booked Now for Fall Delivery.

SEND FOR PRICES.

Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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J. AUSTIN SHAW, Manager.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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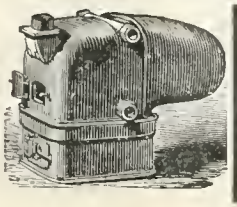

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PLAIN, EMBOSSED, COLORED.
MANUFACTURED BY
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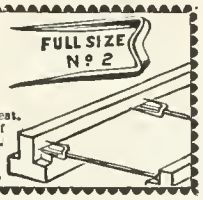

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" No. 3	4x8x18	2.40 "	22.00 "
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" No. 5	4x8x22	3.00 "	28.00 "
" No. 6	4x8x28	3.75 "	35.00 "

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Horticultural Supplies
OF EVERY DESCRIPTION.
WHEN YOU CAN'T GET WHAT YOU WANT ANYWHERE ELSE SEND HERE. WE WILL SEND IT TO YOU.
"If it's used in Horticulture we have it."
DUNNE & CO. 54 W. 30th ST., NEW YORK. Tel. Call, 1700 Madison Sq.

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"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE
For sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

KROESCHELL BROS. CO.

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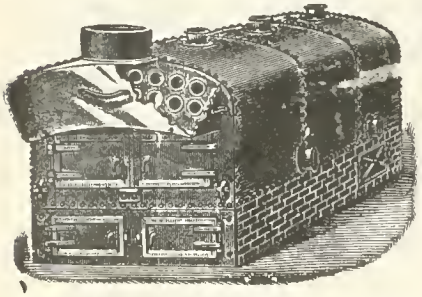
Greenhouse Boiler,

51 Erie St., CHICAGO.



Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around front, sides and back. Write for information.

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The lightest running, most rapid and powerful Ventilating Machine in the market.

The DUPLEX GUTTERS,

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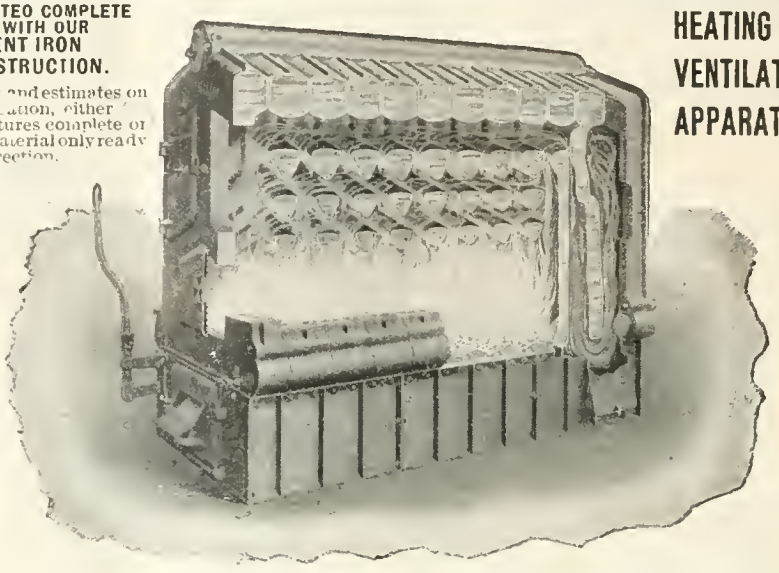
GREENHOUSES and CONSERVATORIES ERECTED COMPLETE WITH OUR PATENT IRON CONSTRUCTION.

Plans and estimates on ...uction, either structures complete or for material only ready for erection.



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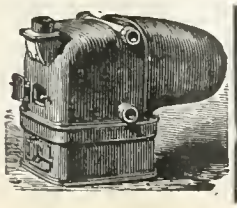

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GREENHOUSE BOILERS

PIPES, FITTINGS AND VENTILATING APPARATUS

Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

THE WEEKLY

FLORISTS' REVIEW

Watson B. M. 261
Jamaica Plain

Copyright, 1902, by FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. X. CHICAGO AND NEW YORK, SEPTEMBER 11, 1902. No. 250.

SAVE MONEY and ORDER AT ONCE.

LILIUM HARRISII, 5-7, **$45.00** per 1000: 7-9, **$100.00** per 1000.

LILIUM LONGIFLORUM, Bermuda grown, prices same as Harrisii.

LILIUM LONGIFLORUM, Japan grown, **RETARDED.** f. o. b. icehouse, N. Y. 6-8, **$35.00** per 1000; 7-9, **$50.00** per 1000; 9-10, **$75 00** per 1000.

ROMAN HYACINTHS, just arrived in fine condition, 12x15, **$25.00** per 1000.

NARCISSUS PAPER WHITE GRANDIFLORUM, 13 and up, (Mammoth) **$9.00** per 1000. These are the largest Narcissus in the trade for that price.

FREESIA REFRACTA ALBA, Mammoth Bulbs, **$7.50** per 1000.

Prices on all other bulbs and plants cheerfully given by

F. W. O. SCHMITZ, Prince Bay, N. Y.

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READY NOW FROM

Rosecroft Gardens.

After several years of careful hybridization by an expert botanist I offer the finest strain ever offered to the trade, of the following seeds:

CYCLAMEN, 125 to 150 seeds to a package, $1.00 per package.

PRIMULA SINENSIS, 300 to 400 seeds to a package, double and single mixed, $1.00 per package.

PRIMULA OBCONICA GRANDIFLORA, 800 to 1000 seeds to a package, white and deep rose mixed, $1.00 per package.

FERN BALLS, $3.60 per doz.; $25 00 per 100.

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700 BRIDES, 475 MAIDS, 625 GATES, $6.00 per 100.

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Miss ALICE ROOSEVELT Finest of all PINK ROSES FOR FORCING.

STOCK WILL BE LIMITED. DELIVERY TO COMMENCE APRIL 1, 1903.

AMERICAN ROSE CO., Washington, D. C.

"Something New Under the Sun."

Our **Silk Velvet Water Proof Paper,** as well as our **New Ribbon Department,** have created a **Sensation** wherever these goods have been shown. Have you seen them? Also our **exclusive novelties** in **"Up-to-Date"** supplies? All money-makers. Place no orders until you have seen them, or written to

M. RICE & CO.

Importers and Manufacturers,

RIBBON SPECIALISTS and LEADING FLORISTS' SUPPLY HOUSE.

918 Filbert Street, PHILADELPHIA, PA.

ESTABLISHED 1802

THORBURN'S SEEDS

FREESIAS CALLAS

Lilium Harrisii, Etc.

If our trade bulb list has not been received, we shall be glad to send it on application.

J. M. THORBURN & CO.

36 CORTLANDT STREET, NEW YORK.

Send for our new Catalogue containing full list.

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READY! Tulips, all kinds; **Narcissus, Cyclamen, etc.**

Roman—White.

	12	100	1000
11x13 assorted	$0.25	$2.00	$19.00
11x15 "	.30	2.50	22.00
12x15 "	.40	2.60	24.00
13x15 "	.50	3.00	28.00
Named Dutch Hyacinth, exhibition bulb	1.00	7.00	60.00

NARCISSUS—Paper White.

True grandi., extra size	.20	1.10	9.00
Large bulbs	.15	1.00	8.00

CALLA ETHIOPICA.

Stock grown by us for **20** years.

4x5-inch circum	.60	4.50	40.00
4x6-inch "	.75	5.50	50.00
5x7-inch "	1.00	7.50	70.00
Monster	1.50	10.00	

FRENCH TRUMPET MAJOR.

Force for Xmas	.15	1.00	9.50

FREESIA REFRACTA ALBA.

⅜-½-inch diam	.40	3.00	
½-inch up	.60	5.00	

ALLIUM NEAPOLITANUM.

Fine forcer, 1st size	.60	5.00	
Fine size	.50	4.00	

Dutch Hyacinths.

1st size—They are **beautiful,** white, blush, rose, red, blue, separate, doz, 40 cts.; 100, $2.75; 1000, $25.00.

White Italian	100	1000
Red Skinned	$2.50	$22.00

LIL. HARRISII—Extra Offer.

Unblemished extra fine stock. Must be sold.

Write for prices on quantities.

	12	100	1000
5½x7-inch circum	.60	4.50	40.00
7 x9-inch "	1.25	9.00	

LIL. CANDIDUM.

Extra fine, thick petalled.

1st size, extra large	.75	5.00	47.00
2nd size, fine, large	.60	4.50	42.00

Just Received **KENTIA SEED** **New 1902 Crop.**

	100	1000	5000
Belmoreana or Forsteriana, 90 per cent germination	$0.50	$4.00	$17.50

Asparagus Sprengeri, 100 seeds, 30 cts.; 1000 seeds, $2.00.

Pansy Seed, unsurpassed.

Sweet Pea Seed, all florists' sorts; earliest, choicest, finest **California** seed, lb., 25 cts.; ¼-lb., 10 cts.; oz., 5 cts.

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FALL BULBS

READY: CALLAS, CANDIDUMS, FREESIAS, ROMANS, PAPER WHITES, Etc.

Next Week: HYACINTHS, TULIPS, CROCUS, NARCISSUS and all Dutch Bulbs.

If you have not received our list of Fall Bulbs send for a copy.

MUSHROOM SPAWN,
Fresh Imported English—JUST ARRIVED.

W. W. BARNARD & CO.,
161-163 E. Kinzie St., **CHICAGO.**

H. Bayersdorfer & Co.

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50, 52, 54 and 56 North Fourth St.,
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A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS, IMPORTER AND DEALER IN FLORISTS' SUPPLIES,

Factory, 709 First Ave., bet. 40th and 41st Sts.

Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.

WRITE FOR NEW CATALOGUE.

ORCHIDS..

Arrived in good condition, **Cattleya Trianae.** The only lot likely to be exported from Colombia for a long time to come. Write for prices at once.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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122 W. 25th St., NEW YORK, N.Y.

Importers and Manufacturers of **FLORISTS' SUPPLIES**

Galax Leaves and all Decorative Greens.

SIGMUND GELLER,

Importer, Jobber and Manufacturer of **FLORISTS' SUPPLIES.**

Italian Bleached Wheat. A very large domestic and imported stock of Metal Goods, Moss Wreaths, Cape Flowers, Immortelles, Chenille, Tin Foil, Doves, Baskets, Sheaves, Vases, Jardinieres, Fern Dishes, Novelties, etc. Inspection solicited. **108** West **28th** Street, near 6th Avenue. **NEW YORK.**

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1928 Germantown Avenue, **PHILADELPHIA, PA.**

WAX FLOWERS,
FLORAL DESIGNS,
FLORISTS' SUPPLIES.

The Best Variegated Foliage Plant to-day is

PANDANUS VEITCHII.

Fine plants, bench pots, **$12.00** a doz.
Also larger sizes at **$1 50** and **$2.00** each.

JOHN WELSH YOUNG, GERMANTOWN,
Upsal Station, Penna R. R. **PHILADELPHIA PA.**

THE CANADIAN HORTICULTURAL ASSOCIATION.

FIFTH ANNUAL CONVENTION.

The fifth annual convention of the above Association was called to order at 2:30 the afternoon of Wednesday, Sept. 3d, in the City Hall, Hamilton, Ont. Mr. C. M. Webster introduced Alderman J. G. Y. Burkholder, who, in the absence of Mayor Hendrie, delivered an address of welcome, in which he assured the members of the Association of the pleasure it afforded the citizens to entertain them, and concluded by extending the liberty of the city. He added that the visitors were at liberty to take anything they wanted except the mountain, which the citizens felt could not be spared.

Mr. Thomas Manton responded on behalf of the Association, expressing the thanks of the members for the kindly greeting and welcome extended, and his belief that the convention begun under such favorable conditions would be of great value to the organization.

The address of President Joseph Bennett, of Montreal, was then read as follows:

President Bennett's Address.

Ladies and Gentlemen: At this, the fifth annual meeting of our Association, I do not intend to bore you with a long address. Speechmaking is not in my line. I would feel more at home using a spade, though I don't pretend to do much in that line, either, as I find it does not agree with me now. I can easily recall the time when it used to, or rather, I might say, when I had to agree with it. With your permission, however, I will just touch on a few points that have occurred to me to be of interest to us all and which we might profitably discuss.

First, then, at this, our fifth annual meeting, I think we might ask ourselves these questions: Are we satisfied with the progress made, or rather have we made the progress we ought to have done since this Association was formed? If we are not satisfied with the progress made, is it not time and advisable for us to try and find out why, and if we have made mistakes to rectify them at once?

Is our membership what it might or should be? In quantity, I mean (of course the quality is all right). When we consider the numbers employed in floriculture in Canada and then how our membership roll stands, what do we find? At the present time we have perhaps 50 members, and from several sources I have been able to form a rough estimate that there are about 12,000 persons employed in floriculture in Canada. This estimate does not include those engaged in the nursery business. Then, again, there must be hundreds of amateurs whom we ought to get in as associate members. We want all we can get if we are to make a national society. Now, in the face of these figures, and we may as well look them right in the face, no half measures will do. I ask you again, is our membership what it ought to be?

How can we induce more to join us is the next question, and not only to induce them to join, but how can we hold them after they do join us? Perhaps some of you, as well as myself, have asked someone to join and become a member, and perhaps you have had a reply something like this. Oh, what benefit is it to me to join the C. H. A? I can't go to the meetings. What do I get for my $2.00? If we look at the question from this point of view for a moment, we must admit that there seems very little to induce anyone to part with his two dollars. If we published a report yearly with the full proceedings of the convention in the same way that the S. A. F. does, and which I think we certainly ought to do (perhaps the Federal Government would print it if we asked them), then we would have something that might be of value to those unable to attend the meetings, and they would not think that their two dollars was all spent in vain. I think that these are very important questions and should receive your attention during this convention.

While we fully and freely admit that the horticultural papers published on the other side of 45 are right up to date and first-class in every respect, containing as they do the practical experience of the best men over there, and sometimes notes from this side as well, everything almost can be found in their advertising columns. Yet, for obvious reasons, they do not just exactly fill the bill for us Canadians. What we want is a paper published in Canada in the interests of us Canadian gardeners, florists, seedsmen, nurserymen, amateurs and professionals. We all want it and we want it now. There is not the slightest doubt but that we would benefit one and all if we were more in touch. At times some of us have a surplus that we would be glad to sell but for want of knowing where to place it we lose it; at times we want something and don't know where to get it. It would also be a powerful factor in keeping alive the interest in the Association between conventions, and I am sure would help us to gain many members. I need not say more on the necessity of a Canadian paper. I am sure you all agree with me, and I hope the necessary steps will be taken to get it started right away.

There are several points that might be taken up if we have the time, but I think those I have referred to are important and should receive attention as soon as possible. I thank you for your kind attention.

Secretary Ewing's Report.

Since our last very successful, interesting and most friendly meeting held in the Forest City of London last year, very little of importance has occurred, although owing to the good missionary work done by some of the members the association has been steadily growing in importance and there is every indication that this will be the banner convention and beat the record both as regards attendance and the trade exhibit.

I feel confident that it is only the vast extent of our country and the great distances between towns and cities and the consequent great expense of traveling to and from the convention that has hitherto kept the attendance down, but I also feel confident that as the objects of the association become more known, and the profession generally understand and see the possibilities of it, the less will the expense "bugbear" trouble them. They will see that the expense incurred is returned to them many fold, although perhaps indirectly.

At this date appearances point to a large trade exhibit, which is likely to bring direct returns to many members and to be a great boon and convenience to others. It is a feature that has perhaps been rather neglected at former conventions, and our Hamilton friends are to be congratulated on seeing the importance of it and working it up to the extent indicated.

It is gratifying to learn through the horticultural press that a large contingent may be expected from the eastern provinces, and it is to be hoped that when a convention is next held in an eastern city, the western members will reciprocate in like manner.

I have this year to record the death of W. C. G. Knott, who was superintendent of Rockwood Park, St. John's, New Brunswick. He was a member of the executive committee and an earnest worker for the good of the association, but was prevented by ill health from coming to the convention at London last year.

The executive committee has met twice since the last convention, the reports of which meetings will be read to you. It is much to be regretted that the efforts of the convention have been so far unsuccessful in finding a way to start, or get started, a trade paper. However, the matter has been well discussed amongst many of the members, and some progress has been made. No doubt further steps will be taken at this meeting towards this most desirable object. There appears to be a distinct demand from the profession in this country for such a paper, "made in Canada."

I have to humbly apologize to the officers and members for my apparent neglect in doing the duties of the office to which they elected me. I must assure them that the neglect was not because of any unwillingness or laziness on my part, but simply on account of entire disability owing to change of circumstances. I wish to sincerely thank those who undertook the work at great personal inconvenience and carried it out so admirably and successfully.

Reports were also received from the treasurer and the executive committee. All the reports were accepted. A vote of thanks was tendered the president for his able address.

Messrs. Thomas Manton, Eglinton; E. J. Mepsted, Ottawa; A. C. Wilshire and Jas. McKenna, Montreal, were appointed judges of the trade exhibit.

There was an interesting discussion upon the president's address, participated in by Messrs. Wm. Gammage, London; J. A. Campbell, Simcoe; Fred

Bennett, Montreal; Brooks Fergus, J. H. Dunlop, Toronto; Mr. Hall, Montreal, and others. It related mainly to the advisability of starting a Canadian trade paper, as suggested. Mr. F. R. Pierson being called upon for his opinion, suggested that the proposed publication be purely a trade paper, and that it be published by a joint stock company. He thought the first thing to do was to canvass for stock subscriptions.

New Officers.

The officers elected for the ensuing year are: President, Thomas Manton, Eglinton; First Vice-President, Geo. Robinson, Montreal; Second Vice-President, E. J. Mepsted, Ottawa; Secretary, A. H. Ewing, Woodstock; Treasurer, Herman Simmers, Toronto.

It was decided to hold the next convention in Toronto.

The Trade Exhibit.

The Thistle Curling Rink was most artistically decorated in the national colors, and there was a fine display of plants, as will be seen by the picture showing a part of the exhibition, seen elsewhere in this issue. Among the exhibits were the following: J. Gammage & Son, London, an exceptionally well grown collection of palms and ferns for the trade; Joseph Bennett, Montreal, a fine lot of adiantums; F. G. Foster & Son, E. G. Brown, Webster Bros., C. N. Sones, each excellent displays of plants for retail trade; Walter Holt, a prize group of small palms and ferns that well deserved the award given; L. H. Foster, Dorchester, Mass., the new fern Nephrolepis Anna Foster; F. R. Pierson Co., Tarrytown, N. Y., the prize-winning Nephrolepis Piersoni, which attracted much attention; Ontario Insane Asylum, an attractive group of plants; S. S. Bain, Montreal, interesting new plants; R. Jennings, Brampton, a fine cut flower display, including blooms of chrysanthemums, carnations, Morning Glory, Joost, Crocker, Van Orme, Eldorado, Flora Hill and Scott, which were remarkably fine for so early in the season (the plants were housed July 25th); D. J. Sinclair, Toronto, florists' supplies; W. Holmes, Hamilton, wire work; R. G. Olmstead, Hamilton, ornamental iron work and massive iron vases filled with plants; the King Construction Co., Toronto, a full sized section of their new greenhouse and model of automatic stoker; S. P. Foster & Co., Hamilton, flower pots; Clucas & Boddington Co., New York, J. A. Bruce & Co., and Robt. Evans Seed Co., Hamilton, bulbs.

Certificates of merit were awarded the F. R. Pierson Co. for Nephrolepis Piersoni, and to the King Construction Co. and the S. P. Foster & Co.

LATEST FACTS ABOUT ROSES.

BY EDWARD DALE, BRAMPTON, ONT.

[Read before the Canadian Horticultural Association at the Hamilton Convention.]

I have been asked to give you a paper on "The Latest Facts About Roses." This may be the proper heading to use, but I hardly think so, as there may be many with later facts to give than I have.

I suppose the proper point to start from would be the cutting, as our whole output depends on it for the coming season. We always try to take our cuttings from the healthiest plants. Some years ago we made all cuttings with two buds. Later one was all we used, but again made a change and went back to two and sometimes more, and feel safe in saying they never should be made with less. While a cutting with one bud may make a good, fair plant a cutting with two or more is sure to make a better one. When it is rooted you have a plant worth starting with.

We generally give all cuttings four weeks in the sand, using three and one-half or four inches. We run a temperature of 70 degrees bottom heat and the temperature of the house we keep the same as the house where the roses are growing, night 56 degrees, day 66 degrees. We pot them off into 2-inch pots, giving them about four weeks and sometimes longer in this size. For the first watering be sure and not overdo it; give just enough to moisten them nicely to the bottom, shading them for the first ten days when bright.

They will stand being put close together on the bench for the first two or three weeks; then move them over, being careful to sort them for size, giving the largest some space between the pots; the smaller ones you can again place close together; this will let the air and light through them and harden them off. I think the time it takes to do this is well spent, as I feel sure it does young stock a great deal of good to be moved over, besides you get the small plants out where they will not get smothered. From the 2-inch we shift into "threes," giving a little drainage, and from this size we like to plant on the bench, for shifting into larger sizes means more work, more space to grow them in, and not so easy to plant; but if you are not ready with your benches for planting when a shift is needed, be sure and get them into larger pots. Do not let them get a check, as a check now means a loss of cheques later on, when you are wanting a big cut and a good plump bank account.

We use about five inches of soil on our benches. Plant own-root stock twelve inches one way and fifteen inches the other. Grafted stock we plant 12x18 and leave a hole around the top of the plant about the size of the top of the pot it was taken from, and water only at the plant for about three or four weeks. By this time the plants will have doubled their size. We then level the soil and start to water the whole bench, but be sure not to over-water the first time, as it will sodden the soil and do a great deal of harm. Better to give too little than too much at this time.

Be sure you attend to weeding and tying as soon as it is needed. Disbudding should also be well attended to. Run over them once a week, taking off the first leaf with the bud, as you will get a stronger break than when only taking the bud.

At one time we thought planting done in July and August was early enough, but now we start in April. This gives us an early house to cut from. May and June are two good months to plant in. Stock planted at this time gets into good shape for the winter months, but of course we cannot get all planted by that time, as we have to carry some houses on till our early houses are in crop.

Do not cut from your young stock too soon. Keep them disbudded until they are good, strong plants and in good shape, and if some plants are smaller than others when you are leaving them to crop, go over the bench and disbud all weaker plants that you think are likely to suffer from the stronger plants overgrowing them and smothering them out. By doing this you will give them a chance to hold their place and be of some use.

Some years ago we mulched the houses we intended carrying over the longest but have not done so the last few years, using manure water in preference to the mulch, starting early in January with the first planted houses and using it once in two weeks from this time on.

Watering at all times should be carefully attended to. While being careful not to overwater, do not let the bench become too dry before attending to it. Roses planted in different soils require different treatment, so that a grower has to use his own judgment and find out a great deal from experience as to when is the proper time to do his watering.

Spraying should also be carefully attended to if you want to keep down the red spider. If your benches are low be sure and get down so as to catch the bottom of all the foliage and the upper surface will get all it requires. Spraying should always be done early enough in the day to allow all foliage to become dry before night.

We have just come through the worst summer I can remember for wet and cold, the thermometer registering below 50 degrees night after night and three nights in succession registering 44 degrees. This, with rain and cold winds nearly every day up to the middle of August, has taught us always to be in shape for firing, as I believe steam in the houses in such weather is necessary, not altogether for the heat, but it gives a good dry air and also gives a chance to fight the mildew which has been growing in all its glory this season. Painting the pipes with sulphur is the only remedy we have for this. I might say, when firing at this season do not run too warm; leave your ventilators open a few inches, just enough to give a good circulation of air, and if you should close down to sulphur or fumigate, when through do not put your ventilators up full height at once; only put them up a few inches at a time.

Grafting I had almost forgotten to mention. Our Manetti stocks we like to get in November, pot in 2½-inch pots close together on the bench, and run at a temperature of 40 degrees, spraying them once to four times a day, according to the weather, being careful not to get them too wet at the root, and when the buds begin to swell they are ready for use. Having your grafting frame in shape and piped so that you can always maintain a temperature of 80 degrees, cut back your Manetti as close to the pot as it is handy to work, giving a slanting cut of not less than three-quarters of an inch. Then cut your scion to suit.

If the scion should be smaller than the Manetti, place it to one side so as to have the bark of one fit closely with the other, tying it securely and placing it in the frame, keeping closed for about seven or eight days. Then give an inch or two of air for two or three days, and keep increasing it for the next twelve or fifteen days, when they will stand all the air you can give them.

In three weeks from the time they are

Members of the Canadian Horticultural Association at the Convention at Hamilton, Ont.

put in the frame they are ready to leave. Be careful to shade from all sun while in the frame and about a week or ten days after taking them out. We find Perle, Sunset and Sunrise will not do grafted, but Bridesmaid, Bride, Morgan, Cusin and some others have done well with us on the Manetti.

As to varieties, we grow Bride and Bridesmaid, the leaders in their color. Liberty is by far the handsomest of all red roses, but we have yet to find how to keep it on the move all the year around, so have to fall back on our old friend, the Meteor. For Morgan we find an increased demand, but there is very little increase in the demand for Perle, Sunset and Cusin. Mme. Hoste and a few others that paid well to grow at one time we have had to drop.

LATEST FACTS ABOUT CARNATIONS.

BY T. A. WEBB, BRAMPTON, ONT.

[Read before the Canadian Horticultural Association at the Hamilton Convention.]

Now that rust and spot are almost diseases of the past, anthracnose (stem-rot) is troubling growers to an alarming extent, and it is to so grow our plants that we will not be troubled with disease that I offer my help, trusting that others, by following in the path in which I have been successful as a grower, may be benefited.

The two most important things toward success are a proper cutting bench and a healthy stock to propagate from. When possible I would advise that the cutting bench be the north one in the house, preferably so because it can be kept cooler and more easily shaded than other benches. The bench must be enclosed and piped sufficiently to maintain a temperature of 60 to 65 degrees in the sand. The sand should be about four inches deep in the bed, thoroughly wet and firmly packed down; a brick is a good thing to use to do the job right.

For shades I would use cheesecloth tacked on strips of lath, which you can make the desired size to reach from the front of the bench up to and under the glass at the back of the bench. Such shades are light and easily and quickly put up and taken down as necessity requires. To keep the cuttings healthy and to give them more air than is afforded through the ventilators, I would advise taking out a pane of glass every fifteen or twenty feet over the cutting bench to give additional air when the temperature in the house is higher than 60 degrees. To close these openings go to the hardware store and have sheet iron cut to size that will easily slide up or down in a frame nailed to the bars.

I do not wish to be understood that by giving much air I advocate a current of air, for it would prove most disastrous. Plants as well as people need plenty of air to keep them in a healthy condition. To illustrate: A man requires 250 cubic feet of air every hour to furnish him with a healthy supply of oxygen. A plant requires a proportionate amount to supply it with its needed supply of carbonic gas. To shut off this needed supply of air means that a smaller percentage of cuttings will root, and those that do root will be debilitated and are the more susceptible to disease.

Now that the cutting bench is ready, the shades made, and extra ventilation in, we are ready to select cuttings. Before proceeding any farther it is well to bear in mind that between the early and late blooming kinds there is some four months' difference in time of flowering; therefore in order to have blooms from late blooming kinds for the holidays it will be necessary to commence taking cuttings the last week in October, and so on each month after, until you have a needed supply.

The early and constant bloomers may be taken in November, December, January and February with good results. During these four months cuttings root better, for the reason that the plants are vigorous for not having been forced. In selecting cuttings I would advise taking them from flowering stems. On these stems there may be from one to four cuttings. The upper one will be too weak—leave it—the lower one may be too hard, and if so, leave it. The middle ones, usually strong, are just right.

With the thumb and index finger take them out sidewise. I would never use the knife on a cutting for the reason that a cutting taken out sidewise has not been wounded and is the better fortified against the attack of disease by having left on it the tough leaves at its base, and further, I claim such a cutting has one or more well defined joints already formed and will be from three to four weeks in advance of a pulled cutting.

When you have a quantity of cuttings gathered and the sand in the bench well wet through, insert in rows two inches apart, one inch apart in the row and three-quarters of an inch deep. Firm the sand on either side of the cuttings, after which water again to settle the sand. Spray each day after they are set, keeping close watch that they are not too wet, also that they do not get too dry along the side of the bench.

There is this difference between watering and spraying. We water to wet the

ground; we spray to close the stomata (or mouths) of the leaves. This stops exhalation and the water that the roots absorb remains in the plant or cutting and a perfect equilibrium is maintained, there being no difference between absorption and evaporation. Leaves of a plant do not absorb water.

If the above plan of operating the cutting bench is strictly adhered to, it is my firm belief that out of every 100 cuttings taken over ninety-five per cent will strike root. Should the sand in the cutting bench become green, there is danger of the cuttings damping off by what is known as the fungus of the cutting bench. To keep the sand in a pure state I would advise the use of ammoniacal solution. The formula: One pound sulphate of copper and three quarts strong ammonia; dissolve the sulphate of copper in hot water, then add the ammonia; use one pint in a barrel of water. You can make a smaller amount using the same proportion of ingredients. Put in bottles and cork tightly, as the ammonia will evaporate. Fill your watering pot with water and add enough of the solution to make the water quite blue. Sprinkle the sand before putting in the cuttings, and once each week after and you will have no trouble in your bench.

Once more, before leaving the propagating bench, I want to impress the importance of rooting the cuttings in as low a temperature as I have advised, for I believe that more injury is done carnation plants by rooting them in a high temperature than from any other cause. Joshua Ladley exhibited cuttings rooted at a little over 36 degrees before the Chester County Carnation Society. It is better that, after being rooted, they be carried at a low temperature, for there is quite a winter's growth in all perennial plants at any temperature above that which produces death. Therefore I believe that by rooting them cool and growing them on cool until planting in the field, we will be free of disease to a marked extent.

When the cuttings are rooted and ready to be transplanted, have your soil ready, using only old, well-rotted manure, and whether you use pots, flats or a bench to plant them in, do not plant deeper than they stood in the sand; when planting in the field do not plant deeper than they were in the house; and when you bench them in the house in August or September do not plant deeper than they were in the field, for the reason as given by another that the epidermis of the stem above and below the ground is as different as the epidermis of the cheek and the mucus membrane of the mouth.

As we are battling against stem-rot we must not deviate from this rule of planting, for should the plants be set deeper in the house than in the field, the soil be old, the manure spongy, a dark spell of weather ensue and too much water at the base of the plants, stem-rot will prevail to a greater or less extent.

When ready to plant in the field the ground should be so mellow that only the hands would be needed, but if too hard or lumpy use a garden trowel. By so doing, if the ground on top is dry, it is quickly brushed off and the hole for the plant made in fresh soil, with fresh soil to cover the roots, and if well done not a plant should die. On the other hand, if a foot dibber is used the hole is usually made too deep, and when the dibber is removed dry earth falls into the hole, there is nothing in sight to cover the roots of the plant but dry earth and many plants die.

As it is now out of season for pinching back, field work, I will pass over this period of the season's work to the lifting of them for planting in. I would advise that in lifting you get all the roots for the reason that if you get but a part of them, nature will just so surely sacrifice a proportionate part of the leaves to maintain a balance; hence so often so many dead leaves on the plants in a short time. Then comes extra work in picking them off, and again, if the leaves are not perfectly dead, in stripping them down and off fresh wounds are made on the stems and disease has another chance to get in its work.

Early planting, as early as July and August, is being advocated by our leading growers. Some say that the plants become the better established and others give no reason, only claiming it is better. I advocate early planting for the reason that in plants that have made a good growth by August the joints are firm, the stems upright, and leaves leathery, are in what is called a ripened condition, filled with a compound already crystallized necessary to modify their leaves into flowers (flowers are but modified leaves) and if not lifted early a period of wet weather might set in and hold long enough to release this compound and a weak, watery growth be the result instead of bloom.

WINTER-FLOWERING PLANTS.

BY C. A. SMITH, LACHINE, QUE.

[Read before the Canadian Horticultural Association at the Hamilton Convention.]

Being asked to contribute a short article on "Winter-Flowering Plants for the Private Greenhouse," it gives me much pleasure to send the following, hoping that it may prove of some benefit to the members.

Geraniums of the single variety make splendid plants for winter flowering. Cuttings should be taken about the first week in March, inserted in the propagating bed, and when well rooted potted into 2½-inch pots. Repot into 4-inch when these are well filled with roots. After the 4-inch is well filled with roots repot into 6 of 7-inch, according to size of plants wanted. After all danger from frost is over they should be placed outside in the full sun and kept well pinched back. Also keep all the blooms pinched off until about three weeks before they are wanted to flower. Then they should be given manure water once a week right through the winter.

Poinsettias, both double and single varieties, are fine winter plants. Cuttings rooted in May and carried to one stem, flowered in 6-inch pots, make splendid trusses. I have had some ten inches across the bloom. They are best kept on the dry side at all times, for if they once get sodden they will surely lose their bottom leaves. They should be kept in the greenhouse at all times. A few old plants planted out in the garden in June will give cuttings which can be rooted in sand in August, putting 4 or 5 plants in a 6-inch pot. They will flower when from 10 to 15 inches high. Given a little manure water they will last all through the winter. The soil used should be good coarse loam and well rotted cow manure, with a liberal supply of sand.

Euphorbia Jacquiniflora makes one of the best plants for winter, as they last in any ordinary greenhouse for 3 or 4 months. Cuttings should be struck in May, and when well rooted potted into 2½-inch pots, using loam and leafmould and a little peat and sand well mixed. Put 3 or 4 into the pots and shade for a few days; when well rooted repot into 5-inch pots, using the same soil as for first potting. Keep in greenhouse all summer, and when the pots are well filled with roots feed liberally with weak manure water. The result of this treatment will be sprays of bloom from 15 inches to 2 feet long.

Primulas and cinerarias make good winter plants. Seed should be sown in April or May, pricked out into 2½-inch pots and placed outside in frame. Keep slightly shaded and repot into next size when necessary, using good, coarse, and rather rich soil. When plants are well rooted in their flowering pots they may be left out in frames till there is danger of frost and fed once a week with manure water. A second sowing may be made in July, which will make good plants flowered in 5-inch pots. They will come into bloom during February and March.

Begonias of the different fibrous rooted varieties are very useful. They can be rooted in sand, and when well rooted, pot on into 3-inch pots, using loam, leafmould and cow manure. Repot when necessary till the flowering size is reached, when they should be fed liberally right through the winter. The Gloire de Lorraine makes splendid plants, either for pots or baskets; they should be kept in the house all summer and well shaded.

Cyclamen are fine plants for winter. Seed should be sown in January and placed in the warmest part of the greenhouse till the plants have made two leaves, then they should be pricked out in shallow boxes, using 3 parts of leafmould and 1 part loam and sand. Leave till April, then pot them, using 2 parts loam and 1 part cow manure, 1 part leafmould and plenty of sand. Keep the plants out in the frames as long as possible, shelter from heavy rains and midday sun and water liberally with manure water when the buds appear.

Salvia Scarlet Dragon makes fine little plants for winter if cuttings are rooted in August, potted in good rich soil and flowered in 5-inch or 6-inch pots.

Alyssum also flowers well if taken up from the beds and potted about the first week in September, cutting the plants back very hard.

Browallias and gesneras are very useful. The blue of the browallia is a color we are very short of in the winter, while the gesneras make perfect plants till about Christmas, when they should be gradually dried off.

Of course there are lots of other plants too numerous to mention, such as azaleas, cannas, Streptosolen Jamesonii, fuchsia, calla lilies and the different kinds of bulbs which make good plants for winter and are very easy of culture.

National Home, Wis.—Proposals for building a greenhouse at the Home will be received until Oct. 2. The plans and specifications are on file in the office of the treasurer, J. E. Armitage, at the Home.

Part of the Trade Exhibit at the Hamilton Convention of the Canadian Horticultural Association.

REFLECTIONS ON THE HAMILTON, ONT., CONVENTION.

Florists are really very nice people all the world over. In the horticultural world there should be no dividing lines of nationality, creed or social standing.

It was the turning point in the history of the Canadian Association—A case of go ahead or "bust." Thanks to the good work of the Hamilton men, who worked like beavers, and the good work of Secretary pro tem Wm. Gammage and others, the attendance was beyond expectation and the trade exhibit an immense success. Another step upward on the ladder was won.

It was a business meeting and lots of business was done in an earnest, business-like way. There were social entertainments and plenty of social enjoyment, but they took second place. This is as it should be. We can have a picnic any time and anywhere.

It is greatly to the credit of the members that they were not to be tempted to stray from the path laid down by the founders of the Association by the vision of Goverment pap held up before them by Provincial government officials. The Association has larger and broader objects in view, and aims to embrace the whole Dominion, not a province only. It is the Canadian Horticultural Association and will stick to that.

Perhaps it is as well that nothing was done to settle the trade paper question. The demands for a paper will soon be so strong that individual enterprise will settle it before long. The trade in Canada cannot afford to advertise in all three American trade papers. If they only advertise in one it does not reach all their customers, most of whom only take one. The only remedy is a Canadian trade paper. If the trade will support the paper, the paper will be of incalculable benefit to the trade. This has been proved in the U. S. within the last 15 or 20 years, and as soon as this *fact* is impressed on the minds of the trade in Canada, we shall see a trade paper here.

Everyone should read the paper, "The Hardy Perennial Border," read by Mr. Alexander of Hamilton. As was remarked at the meeting, "Mr. Alexander is not only a gardener, he is a poet, and his paper is a poem."

All the officers were elected by acclamation, which speaks well for the good feeling of the members from the east, west, north and south towards each other.

Toronto was a good selection for the place of meeting next year. There will be cheap fares and lots to see and learn there. The Association will gain strength, and in a few years be in a position to attack some of the smaller growing towns.

It was a real treat to see so many of the eastern brethren at Hamilton. The west will no doubt reciprocate—say in 1904. E.

CARNATION NOTES.

Supports.

Your carnations will be needing some kind of support now right soon, and in fact some of the early bloomers, such as Dorothy, Flora Hill, Queen Louise, etc., are full of buds and you should not wait until they are sprawling all over the benches before you put on the supports. It will take them but a few days to grow a lot of crooked and worthless stems and the blooms are ruined by being splashed with dirty water in watering the beds. Such varieties as Lawson, White Cloud, etc., should be supported as soon as possible, to keep them growing upright. Be sure that you weed them thoroughly before you put on the supports, and it will pay you to do what mulching you can, too, because it takes much more time afterward.

What kind of supports you use you must decide for yourself. There are almost as many kinds of supports in use as there are growers and each claims superiority in some respect for his own, which is quite natural, just as much so as each hybridist thinks his seedling to be the best in its class. I have described our method several times before and no doubt most of you are familiar with it, but there are always those to whom it is new and so I will describe it briefly. We stretch one wire between each row of plants and one on each outside edge of the bench lengthwise of the bench about five inches above the soil. Nail light supports across about every twenty feet to keep them up off the ground and draw the wires as tight as possible to keep them from sagging. The cross supports should be of wood, as the wires which are first used would stretch and let the whole thing down in the center of the bench. Then we cut a lot of strings long enough to reach across the bench and one man begins tying a string to the edge wire and wrapping it once around each wire as he takes it across the bench. At half way another man takes it up and finishes it up by tying it to the other edge wire, and so on until the other end of the bench is reached. We put two strings between each row of plants so as to leave an opening about three inches wide to allow fresh air to reach the base of the plants.

This method is gaining in favor right along and we believe it will be used almost altogether when it becomes known to all the growers. The important point is to keep the plants off the ground and to keep the flower stems growing up straight and the more space you can allow each shoot for itself the better will the flowers be and the less likely you are to have stem-rot or rust in your carnation benches. Be sure that you use galvanized wire, it costs no more than the other and the difference in the durability is remarkable. The plain wire soon begins to rust and get rough, and when in

that condition it is mean to work with, while the galvanized remains smooth a good many years and can be used year after year.

If there is any more shade on the glass it should be rubbed off clean at once. The plants want all the sunlight they can get from now on to keep the growth solid and the plants stocky. You can also let all the plants shoot up into bloom now, as by the time they will open up some blooms we will be having some frosts that will kill the supply of outside flowers and then your carnations will find ready sale at fair prices. Don't forget that it pays just as well to disbud now as it does in midwinter, as it will improve the blooms just as much in proportion, and they need all the improving they can get at this time, when they are not at their best any way.

A. F. J. Baur.

CARNATION RECORDS.

I was pleased to see the record of carnations cut by P. F. S. in your issue of Sept. 4th, for as I have before said, I think that if we could hear from many more growers regarding this matter, we would naturally be incited to keep a more accurate account of the cut each season—total, monthly, weekly, daily, and of each variety—and I am certain that as a result we would discard every year many kinds that we now continue to grow at a loss if we only had the facts before us in black and white.

We commenced to cut Oct. 1 and threw the plants out July 21, except a few varieties that we had to throw out earlier to make room for other stock. The following record is for one house in which it was impossible to provide a special temperature for each variety, and the record should be interesting to the small grower who has to produce his flowers under such conditions. Here it is, the number of plants, variety, total cut for the season and average number of blooms cut from each plant. All were thrown out July 21 except where other dates are given.

Plants.	Kind.	Total.	Average.	
466	Scott	10159	−22	
150	Daybreak	2101	14	May 12
220	New York	2900	+13	May 12
143	Morning Glory	3559	−25	
72	Marquis	1027	+14	
74	Lawson	1118	+15	May 28
20	Saratoga	392	+19	J'ne 22
12	Crocker	119	−10	
10	Hoosier Maid	175	+17	J'ne 9
40	G. Lord	614	+15	
25	Joost	332	+13	
23	Prosperity	257	+11	
37	Gomez	633	+17	
25	Maceo	592	−24	
20	Roosevelt	171	− 9	
680	Flora Hill	11137	+16	
25	Glacier	512	+20	
35	Queen Louise	491	14	
25	Norway	347	−14	
47	Bradt	562	−12	
5	Gold Nugget	27	+ 5	May 1
75	Crane	1115	−15	
2229		38340	−17	

As you will see by the above several varieties came out early, which of course cut down the average cut of those kinds as well as the general average. I have marked the averages plus and minus. For example, Scott averaged a fraction less than 22 blooms per plant while New York averaged a small fraction over 13.

Of course the total average per plant does not tell the whole story, as many kinds are late bloomers and would hold their own in this record, though the cut at the holidays might be next to nothing, when they are worth the most. In December we cut only 19 blooms from the 23 plants of Prosperity, which was a poor showing for that variety, and it really did not begin to pay expenses. As a result we shall try it only one more season, giving it a little different treatment. Scott averaged +3 blooms per plant during December, Lawson about 1½, Hill over 1½, Queen Louise nearly 2, Crane 1, etc.

Many of the kinds would have made a much better showing, notably Lawson, if we had not propagated next season's stock from them, but kept them exclusively for blooming. In fact we propagated 5,728 plants from this house, all first class stuff, no soft, poor cuttings. Of these 760 were Lawson, 1,162 were Scott, and 1,121 were Hill. Taking it all in all each plant averaged 2½ cuttings and 17 blooms. We think this was quite good, but we hope by sifting out several kinds to exceed that record this season.

We had our plants all housed by the first of August and they are looking very well, having no rust or stem-rot except on two of the novelties purchased this season, and not at all bad on those.

R. E. Shuphelt.

Chatham, N. Y.

I noticed the record of carnations cut in your last issue. I enclose a record of average number of blooms cut from each variety I grew last season. Nothing but good salable flowers were counted. Time was from Oct. 1st to May 30th, the plants being benched the first week in September. I hope to see reports from others.

Flora Hill	16
Wm. Scott	18 3-5
White Cloud	14 4-5
Lawson	16 1-2
Marquis	12 9-10
Morning Glory	16 3-5
Queen Louise	12 9-10
Norway	14 3-5
Lorna	14 1-2
G. Lord	12 2-5
Prosperity	8

F. G. Lewis.

Lockport, N. Y.

[These records are certainly very interesting and we hope to be favored with similar records by others.—Ed.]

WINTERING AQUATICS.

I have a water lily pond 80 by 50 feet, two feet deep in center and one foot deep at the margins. Concrete floor and a foot of good compost on the floor. A partition on rear margin for nelumbiums, the rest for nymphaeas. In the front of the pond there is a place 12x12 and 3 feet deep in which I intend to grow a Victoria Trickerii or Randii. The pond is not heated. Water is from the city water works. There is a 4-inch pipe outlet in the bottom and the overflow is six inches below the rim of pond. There is also an opening so I can have but six inches of water when starting the plants.

Would it be better to plant out the plants in the soil or to put them in tubs and sink them in? Which is the best way to winter them over in this northern climate? The water is liable to freeze to the bottom of the pond. Would it be safer to take the plants up after frost and store them under benches in the greenhouse or would it be better to draw all the water off in late fall and fill the whole pond with leaves two feet deep? Or would it do to let the water stay in and cover the pond with boards and the boards with two feet of leaves?

Can I raise and bloom Victoria Trickerii after June 1st, started in the greenhouse in February? C. G.

Wis.

Hardy water lilies may be wintered over in a pond if the pond is deep enough so that frost cannot injure them, but this depends on the severity of the winter.

In your case it would be best to draw the water off and gradually cover the plants with leaves according to the weather, being careful not to put too much on at once, as they would then be apt to heat and thus destroy the plants. This is the best way in a cement tank. The water lilies can also be dug out in the fall and heeled in in damp sand in a cool cellar where frost does not enter.

I would advise not to disturb the nelumbiums, as this injures their blooming qualities.

Plant out your lilies in the soil at the bottom.

The Victoria regia or Trickerii will not grow or blossom in water that is not heated to a temperature of 85 or 90 degrees. The seed should be sown in this temperature in January or February to obtain blooms in June.

C. J. Stromback.

Lincoln Park, Chicago.

MUSA ENSETE.

C. H. H. asks: "How shall I care for some large Musa ensete plants this fall? Would like to keep them as nearly dormant as possible. Will wintered-over plants make a good growth next summer? Where can I buy the seed? Have seen none advertised."

This most ornamental musa is among the finest plants we have for our subtropical gardening. As a center group in a large canna bed it is unequaled. We have also used it to great advantage in large pots on the lawn and surrounded with cannas (pots or vases that held a yard of soil) and if given rich earth and plenty of it, a single specimen on the lawn is most pleasing. But this is not answering the question.

When lifting after the first frost has injured the leaves (last year it was about the 20th of October when they were lifted) trim back the roots to a moderate sized ball. Trim back the leaves to within a foot of the stem or trunk. If you should happen to have a warm, light cellar or basement, say where the temperature never goes below 45 degrees, there would be a fine place for them. They could stand close together with loam or sand covering the roots, and would need moistening only at the roots a few times during winter, just enough to keep them from shriveling up. In your potting shed such a place can be found. If that is not convenient, lay the stems down beneath a bench, a bench where there is little drip preferred. Throw some material, loam is best, over the roots to keep them from drying out. Beneath a bench scarcely any water need be given them during winter.

About middle of April they should be started in large pots or tubs and very soon they will be growing. You don't want them to make much leaf growth under glass, for it would be torn by the winds outside, but the roots will be ac-

House of Ethel Crocker Carnations Grown by Wm. Winter, Kirkwood, Mo.

tive, and when you plant them out about June 1st, they will quickly throw out fine leaves. The plants that have been kept dormant during winter make the finest decorative plants. Even if convenient to keep them in large tubs and growing all winter in a warm house, it would be by no means desirable, for all that old and young growth would be useless when planted out.

All the leading houses advertise the seeds and can supply them. Did it ever occur to you that the banana has neither wood, bark nor pith? Its bulky stem is nothing but layers of leaf stalks.

William Scott.

PRIMULA POISONING.

Replying to the inquiry as to remedy for poisoning by Primula obconica would say we have a milkweed here which resembles a thistle, the milk of which when smeared on the affected part is very effective as a remedy for poisoning by the primula or poison ivy. I do not know the botanical name of this weed but enclose a specimen. J. J. G.

Kansas.

We referred the specimen to Mr. John Higgins, Chicago, for identification and for further information regarding the primula poisoning, and he replies as follows:

"The plant enclosed in your note is Sonchus asper (Vill.), a species of sow thistle growing in waste places and around dwellings. Like the well known dandelion it is one of the milky juice compositae.

"As regards the poisonous effects of Primula obconica, they have been attributed to the irritation of pointed hairs but the great uncertainty of action, as in the case of Rhus Toxicodendron, gives a good excuse for classing it with the latter peculiar toxic agent. I have myself handled thousands of plants of Primula obconica in every stage of growth and without any precaution and yet have never experienced the slightest poisonous effect. On the other hand I know several persons who cannot touch a Primula obconica, however slightly, without feeling the effects for days. The personal equation of the patient seems to be an all important factor in determining the effect of both these plants.

"An alcohol solution of sugar of lead is recommended by the Department of Agriculture as an antidote for Rhus poisoning. It will probably cure primula poisoning as well. An application of the juice of Impatiens fulva is said to cure Rhus poisoning."

HEATING.

I have a small house 15x25 that I would like to use for propagating. It is too far away from my larger house to heat with the same boiler. How would a Hitching's base-burning water heater No. 22 answer the purpose? Or can you suggest a better and cheaper heating apparatus? The temperature required is 65 to 70 degrees in zero weather.

How many flows and returns of 1½-inch pipe will be required to heat this house to the desired temperature? I want a flow overhead. Would it be wiser to put the pipes along the side or under the benches? I am heating the house with a brick flue at present but it doesn't give an even heat through the house.

Is it better to change the water in the pipes every fall or to leave it in from one year to the other? C. W. E.

In reply to the inquiry of C. W. E., the little boiler referred to could be used to heat the propagating house, 15x25, provided there is no glass on the vertical side walls. The requirements of the house are somewhat in excess of the rated capacity of the boiler, but, with a little care in firing, the boiler could be used satisfactorily.

As the correspondent wishes over-head flows, I would suggest two 1½-inch flows from the boiler to the far end of the house, each connecting six 1½-inch return pipes running back to the boiler end below the side benches, making fourteen lines of pipe in all. The flow connections should be made to each side of the boiler, and returns in a similar manner.

It is better to leave water apparatus full of water at all times, but it is desirable, at least once in two years, to draw off the water rapidly, in order to wash out any sediment which may have settled at low points or points of friction within the apparatus, and then fill up with fresh water.

Henry W. Gibbons.

New York.

CARNATION ETHEL CROCKER.

The accompanying engraving is from a photograph of a house of Ethel Crocker carnation grown by William Winter, Kirkwood, Mo. Mr. Winter is very successful with this variety and values it highly. The photograph, which was taken Aug. 21, shows what a large number of blooms is cut from this house each day. The entire output is handled by H. G. Berning, St. Louis.

J. J. B.

PHILADELPHIA.

The Market.

The cut flower market does not show any improvement over last week's report. Most of the growers are cutting from the young stock. Beauties are in increased supply; the best of these bring $2 per doz. Tea roses move slowly at $3 to $4. The better grade of carnations moves well, but the bulk of the field grown stock sells slowly. Semple's asters are fine and plentiful and bring from $1.50 per 100 down to 50 cents.

The plant business shows signs of awakening. Nearly all the stores are getting in a few palms, rubbers, etc. At the Century Flower Shop they have a nice display of plants and outdoor flowers grown on the home place at Newtown Square.

Marketing Cut Flowers.

The committee appointed by the chairman, W. K. Harris, at the last meeting of those interested in the flower market, met on Monday, September 1, and it was decided to recommend that a company be incorporated with a capital of $20,000, shares to be $20 each. It is thought that by increasing the capital, more support can be had from the supply men, seedsmen, and others who are interested. A committee was appointed to look up a suitable site and report to a general meeting to be held Thursday, September 11, when it is hoped that temperary directors can be elected. It is hoped that every grower, little as well as big, will interest himself in this matter and take stock and a stall to sell his flowers from.

Items.

The last meeting of the Florists' Club was not very well attended. Mr. Heacock was the only one of those scheduled to give a talk who was present. Nomination of officers for the coming year was made.

A visit to Wm. Wunder's place at Pittsville, found him hard at work getting in shape for the coming winter. The carnations were not housed, but looked fine in the field. Estelle did well here last year and more will be planted this year. A full house of Lawson and several hundred of Floriana will make up the assortment. There was also a fine lot of crotons coming on for Christmas sales.

Edwards of Norwood is bringing in some of the finest dahlias that come to town; good colors and large flowers.

At the Cliffe Greenhouse, Germantown, the chrysanthemums look very promising. A novelty noticed here was a large batch of the old English w[illegible]

flower. These were good sellers last winter and it is thought that there will be more demand this year.

George McLean, of Walker & McLean, Youngstown, O., is visiting old friends here. He looks well and says he feels it. George says they are building two more houses to meet the increased demand for stock. He thinks he would rather sell flowers in Youngstown than Philadelphia. Not so much competition.

The recent cool nights have started growers to thinking about coal. It looks now as though there would be a great deal of soft coal used the coming winter.

M.

NEW YORK.

Club Meeting.

One of the most interesting meetings of the club ever held took place at Civic Hall last Monday evening. Nearly 50 members were present. The "outing" committee made its final report through Mr. Bunyard, announcing a balance on the right side of the ledger, and thereby earning an honorable discharge. This happy result betokens another and a larger outing in 1903.

The transportation committee, whose services made the trip to Asheville so agreeable and "satisfying," were thanked and their bills honored by the club in full with no adverse criticism, and almost a "certificate of merit" added, as a token of appreciated effort.

The exhibition committee, through Mr. O'Mara, reported a joint meeting with the committee of the Sculpture Society, and much harmonious progress in plans and arrangements for the great fall exhibition in Madison Square. Novel and beautiful effects will be produced, elaborate details have been considered, and the mingling of flowers and statuary promises to provide a unique, chaste and massive combination "befitting the dignity of the city," and the reputation of the societies interested. The space for exhibits is rapidly being taken and advice is given to all intending to make display to secure the room desired before it is too late. The combination of the societies makes even the great garden small for the purpose intended. The co-operation and interest of many of the prominent citizens is being enlisted and the exhibition will undoubtedly be the grandest, and will draw the largest crowds, of any floral show ever given in this country.

The New York Florists' Club announced the appointment of Mr. O'Mara as its representative at the Plant Breeding Conference, September 30 and following days, in this city.

Handsome photographs of previous exhibitions by the Sculpture Society were shown to indicate the elaborate and beautiful effects possible even without the co-operation of plants and flowers; together, the garden will be transformed into a fairyland.

The absence of Mr. Hammond, of Fishkill, whose address on the convention at Asheville had been announced, was greatly regretted.

The other speaker of the evening was Mr. O'Mara, and his "Memories" were listened to with great interest by all, and especially by those who found it impossible to be there. He covered the ground, and the time—day and night—to and from Asheville, with all its business, its feasts, its drives, its "mountain dew," its interesting evolvement, interspersing his remarks with humorous anecdotes and incidents, for all of which he claimed the merit of absolute accuracy. He characterized the landscaping at Biltmore as a "demonstration of superabundant munificence;" told of the gratitude and appreciation of leading Asheville citizens as to the wonderful benefit the florists' convention had been to the city, placing it on a par with Biltmore, or next to it, in its effects for progress. The club by a rising vote manifested its thanks for the able address given.

Mr. Wallace, Mr. Kelsey, Mr. Henshaw and others followed and quite a discussion concerning landscape effects was indulged in.

Votes of thanks were also given to the Washington florists for their liberal welcome and the Southern R. R. for its courtesy.

The exhibits were numerous and handsome and a committee composed of Mr. Herrington, Mr. McMahon and Mr. Atkins passed upon them. The "Anna Foster" fern exhibited by L. H. Foster of Dorchester, and the cactus dahlias shown by W. Duckham of Madison, each received a certificate of merit.

Votes of thanks were given H. Beaulieu of Woodhaven, Peter Henderson & Co. of New York, A. L. Miller, of Brooklyn, and Charles Lenker of Freeport, for grand displays of cannas and dahlias. Mr. Miller staged 35 varieties of cannas, the best of which were his own seedling, La France and Fuerst von Hohenloe. Buttercup, President Meyer, G. A. Strohlein, Niagara, David Harum, Egandale, Martha Washington, Kate Grey, Comte de Bouchard, Beaute Poitevine, J. D. Eisele and Crimson Bedder. Peter Henderson & Co. sent Gov. Roosevelt and four new French varieties of dahlias, Souvenir de Francois Porcher, Oliphant, Directeur Potier, and Meritique.

Chas. Lenker of Freeport had several vases of grand dahlia stock, among them Germania Giant, Ernest Glasser, Sonne of Berlin, and Jumbo, a dark red of great size and dwarf habit.

H. Beaulieu made a fine showing with Chameleon, a novelty of three colors, and Gloire de Lyon, white; Mme. De Lavansayes; Jupiter, dwarf red; Malvina, pink; Herbert, amaranth; Muriel, light yellow; Daybreak, yellow, spotted red and brown; Souvenir de Constadt, chamois, dwarf; Mme. Lorton, white, edged red-salmon; Wm. Rawlings, crimson; Mary Service, pink; Captain Broad, red; Minos, dark maroon; Perle de la Tete d'Or, white; Grand Duke Alexis, white; Lovely Eynsford, amber color; Mme. Victor Vaissier, yellow.

Various Items.

The advent of cooler weather the last of the week had a bracing effect upon the cut flower trade, both wholesale and retail. The opening of the schools, which indicates the coming home of summer tourists in multitudes, cannot fail to have a beneficial influence upon trade, and Saturday found a depleted wholesale stock at better prices for good flowers, and handsomely decorated retail establishments all over the city, with the usual display of palms and ficus and Bostons in front of many of the stores, so that it may safely be said that the fall trade has opened "auspiciously."

The number of new stores is significant, not on Broadway nor Fifth avenue, but on the Boulevard and Amsterdam, and in Harlem and wherever fine apartment houses have been erected. It looks like a good season if one may judge by the preparations which anticipate it and the enterprise of those who are undertaking to "tempt fickle fortune." The new stores are almost invariably neat, handsomely fitted up, and well stocked.

Prices have not advanced perceptibly except for the better grade of roses, good stock bringing 6 cents on Saturday. Fine Beauties were worth 25 cents. Carnations have advanced to $1 per 100 with an upward tendency. Asters and dahlias and gladioli are running, or rather creeping, neck and neck, at about 50 cents per 100. Lilies of all kinds hold their own, the stock being excellent and abundant. The novelties are violets and mums, and their quality compares with their scarcity yet. Another week of cool weather will see the whole market on a firmer and advancing basis.

The "auctions" did not materialize last Friday. A little early, but they will soon be in full swing. The Dreyer auction at the greenhouses at Woodside will occur on the 22nd of the month, Mr. Cleary officiating. And about the last of September, Mr. Elliott will have something to say of the value of ferns and palms and rubbers at Mr. Scott's Keap Street Greenhouses.

W. G. Gormley has been away for "inspiration" at Bar Harbor. His store on Twenty-eighth street has been enlarged and decorated and his new gold galax leaf sign is an attractive frontispiece.

S. Jacobs & Sons of Flushing avenue, Brooklyn, have had a wonderful season. Their stock of greenhouse glass, gulf cypress and hot bed sash is immense, and for 31 years in and around New York this house has been in business. Their output of hot bed sash is an average of over 30,000 a year. In contemplation is the erection of a five-story brick building 100 feet square in which all their branches may be combined. Their "guaranteed putty" is used to the tune of 90 tons yearly in their own sash business, while their shipments amount to over 2,500 tubs per annum. Average sales of glass over 10,000 boxes. They are special agents for the Henderson boiler with its new coal saving improvement, and have two depots in New York City.

C. F. Anderson of the Isabella Greenhouses, Babylon, was in town Saturday arranging for the building of several new greenhouses. He grows only carnations, and has all the new varieties, and some fine seedlings that will be heard from later.

C. W. Ward of the Cottage Gardens, started for Michigan on his return from Asheville.

Julius Lang has returned from his summer recreation in excellent health.

John Scott and wife have been away for seven weeks in Scotland, Mr. Scott's birthplace, and have visited France, Holland and Belgium while away. His establishment has been under the management of Mr. D. M. Kenzie in his absence. Mr. Scott will reach home on the 14th. He has a new fern—a sport from the Boston, which he will exhibit at the Madison Square Garden show this fall; a most handsome plant, which he intends propagating and placing on the market in 1904. It is a more compact grower than the Boston, with narrower and more graceful fronds; and otherwise an exact counterpart of it. Mr. Scott has a sample plant of "Anna Foster" which he has been growing this summer to test its qualities under his

system of care and its beauty is remarkable.

A. L. Miller of Brooklyn took first honors last week at the Ridgewood flower show for mixed cannas.

September 30 and October 1 and 2 occurs the Plant Breeding Conference under the direction of the New York Horticultural Society. Many renowned botanists and horticulturists from the old country and the United States will be represented, and the occasion promises to arouse widespread interest.

Mr. Bobbink of Rutherford returned last week from his European trip after a very enjoyable and profitable journey. Arrangements for heavier importations than ever before have been made by this enterprising firm of Bobbink & Atkins, and there seems to be no limit to their ambition.

Mr H. W. Gibbons reports a very large business in "amateur greenhouses" for private places of limited extent, at a cost of from $500 to $800. Many houses, 10x30, have been erected by him this season, and the demand seems to be increasing.

It is very unusual for anyone to have a "cool reception" at Will Siebrecht's in Astoria, but that is what I received one hot day last week. Snow several feet deep in September in the yard was an unlooked for exhibit, but there it was—lots of it. After awhile the cold storage plant erected awhile ago by this enterprising gentleman solved the mystery. It was "cleaning" day and the pipes and cellar with its several degrees of frost had been scraped for the winter. I was glad to get out into the sunshine after a visit to Greenland. But it is well worth everyone's investigation.

J. AUSTIN SHAW.

CHICAGO.

The Market.

The general conditions have improved, demand becoming stronger and all good stock being cleaned up. There is no material change in prices, but the market tone is better. On roses the range for shipping grade is still $3 to $4, with extra select reaching $5. On carnations $1 to $1.50 is the price, and we hear of an occasional sale of some special stock at $2. On Beauties the price is "$1 per foot." Figure it out for yourself.

There have been some rapid changes in temperature that have resulted in shortening the supply in some directions, and a drop of 30 degrees in a few hours on Monday will no doubt be further heard from before the week is out. The supply of asters is shortening up, though there are still too many, at least of poor grade. The long, cold rain of Monday night naturally did not help the quality of carnations cut from plants in the field.

On the whole conditions are very satisfactory for the season, and never before were roses of such good color in early September. The cool summer probably accounts for it.

The Coming Exhibition.

At a meeting of the executive committee of the Horticultural Society of Chicago, held last Monday afternoon, a new plan was adopted for the management of the annual exhibitions, and the following committees were appointed to put it into execution, under the general supervision of the executive committee:

Finance: W. H. Chadwick, E. G. Uihlein, J. C. Vaughan, E. A. Kanst, W. C. Egan, W. A. Peterson.

Press: P. J. Hauswirth, G. L. Grant, M. Barker.

Program: J. C. Vaughan, G. W. Wienhoeber, E. A. Kanst.

Advertising: E. A. Kanst, C. A. Samuelson, E. E. Pieser.

Music: W. H. Chadwick, E. G. Uihlein, W. A. Peterson.

It was decided to ask the Chicago Florists' Club to suggest committees on the acceptance of plant and cut flower exhibits, the province of these committees being to determine whether the entries meet the requirements of the schedule before being submitted to the judges.

It was arranged that at least two members of the executive committee be at the hall every hour the exhibition is open, to at once pass upon matters outside the province of the superintendent.

The exhibition will be held in the Art Institute, Nov. 11 to 15, and the Chrysanthemum Society of America will hold its exhibition in connection. The latter society has appropriated the sum of $150.00 to be expended in securing for the exhibition some of the finest specimen plants produced by eastern growers.

Various Items.

Mr. P. J. Hauswirth, accompanied by his wife and daughter, is in attendance at the Great Council of the Order of Redmen at Norfolk, Va.

John Poehlmann is not yet able to use his injured knee and it promises to be some weeks before he can again run bases in a hot ball game.

At Poehlmann Bros. Co.'s we noted some Fitzwygram chrysanthemums on Tuesday.

The Chicago Wholesale Cut Flower Association held its annual meeting Tuesday afternoon.

The S. Wilks Mfg. Co., makers of the Wilks boiler, has secured a whole block of ground at Thirty-fifth street and Shields avenue and has let the contract for the erection of a modern factory building 175x150 feet, to which wings will be added later. This will give the company greatly increased manufacturing facilities. The old establishment on South Clinton street will be maintained as before.

Matt Mann and Jas. Paulsen are sending in some extra fine carnations to Budlong.

The latest report regarding the condition of Edgar Sanders is that he is still improving and is quite cheery this week.

Benthey & Co. are making extensive changes in their place, adding materially to their ice box and counter space. A special compartment will be provided for Geo. Piepgras' voice.

Harry Lubliner has opened the "Consumers' Flower Store" at 44 Randolph street, and says he will offer "red violets" in variety.

A. H. Crane, Nashua, Fla., was a visitor this week. He grows oranges and bulbs.

E. E. Pieser, of Kennicott Bros. Co., "passed up" his vacation this year, and has put in the summer directing the many changes and improvements in the store. He looks for a record-breaking business this coming season.

H. S. Harman, of E. H. Hunt's, is on the sick list, and is seeking recovery of his health at his old home in South Bend, Ind.

Lloyd Vaughan, representing E. H. Hunt, started Monday on his annual fall trip and will not return until the holidays.

Archie Spencer says Peter Reinberg has sold an enormous number of field-grown carnations this year and that stocks are nearing exhaustion.

Wietor Bros. have also sold many plants, but still have a good assortment.

ST. LOUIS.

The Market.

Business of late has shown some slight improvement. The bright days and cool nights have also improved stock greatly. There is a great abundance of fine asters in the market just now, which are selling fairly well. Several of the new shades of Semple's sold quickly. More have been coming in than there is demand for. The prices received for them lately would hardly pay for the picking.

In roses there are some fine blooms in the market just now. A few days the past week Brides became somewhat scarce, as the demand was quite brisk owing to a great deal of funeral work. From $3 to $4 per 100 buys the best in the market of Brides, Maids, Meteors, Kaiserins and Perles. In Beauties the market is still shy of first-class blooms. The best demand $2 per dozen. The wholesalers have promised us this season to have a good supply on hand at all times. It's a little early yet and we will wait and see.

Most of the growers around here have all their carnation plants housed, which they report in good shape. The growers have almost doubled the number of plants they had last year, and if all turns out well this market will be well supplied with plenty of first-class blooms this fall. At present only a few good blooms are in, and their short stems make them worth only $1 per 100.

Tuberose stalks and gladioli are not so plentiful as they were. Our home growers report that their chrysanthemum plants are in fine shape, pot plants as well as those on the bench. Another month will see them in the market in full bloom. With them the usual glut of roses and carnations starts in.

St. Louis Fair.

Catalogues of the forty-second annual St. Louis Fair, which opens Monday, October 6th, and continues for a week, have been circulated. Mr. John D. Ayers will again have charge of the horticultural and floricultural departments, in which over $500 will be offered in premiums. Mr. Ayers reports that he expects a large number of entries, especially as there will be no show given by the local club this fall.

Notes.

Shaw's garden was open on last Sunday for the second time this year, as provided for in the will of the late Henry Shaw. The crowd numbered 22,475, and is reported as being one of the largest in the history of the Sunday openings. The weather was all that could be asked for. The orchid house was the special attraction. This house is in charge of young Mr. McClure, late of Buffalo. This collection of orchids is considered the finest in the world, which speaks in the highest terms of Mr. McClure's ability as an orchid grower.

SAMUEL S. PENNOCK, Wholesale Florist.
BEAUTIES. 1612 Ludlow St. PHILADELPHIA, PA.
Long Distance Telephone.
Mention The Review when you write.

Mr. Trillow, of Chicago, was a visitor this week, calling on his many friends in the trade.

Arthur Y. Ellison is home, after spending several weeks up North, looking as fine as silk and ready for the fall trade. Arthur reports that he will bowl with the Bankers this season and not with Diels, as reported in the last issue of the Review.

C. C. Sanders reports that he has nearly finished his work on the two new houses. These new houses will furnish him with plenty of cut flowers for his trade.

Theo. Miller is also progressing nicely with his improvements. Mr. Miller should do well this fall, as his stand is one of the best, and with his new show house will make the place very attractive.

Ed. Beuchel, of the Riessen Floral Co., has returned from Elkhart, Ind., after a very enjoyable time with friends of the Liedereranz and other German society folks.

Base Ball.

The Berning and Tesson ball teams played their second game of a series of three games last Sunday afternoon on the Tesson grounds. The Berning team forfeited the game 9 to 0. After leading by a score of 7 to 3 in the fifth inning, the Berning battery quit playing, claiming the umpire favored the Tessons. Each having won a game, the third will be played in two weeks for the championship, and a hot time is expected.

J. J. B.

TARRYTOWN, N. Y.

At the regular meeting of the Tarrytown Horticultural Society held Aug. 28th, Mr. N. H. Dumond and Mr. Stranall were elected to honorary membership. Mr. Homer Hitchcock was proposed for active membership. Mrs. H. W. Webb and Mr. H. C. Graef were elected to honorary membership. Mr. Francis Gibson exhibited a vase of gladioli and some very fine asters.

A very interesting and instructive essay on bulb forcing was read by Mr. Joseph Bradley, of Hastings, and it was ably discussed by Messrs. Pierson, Moody, Bradley, Cockburn, McFarlane and Gibson. Mr. Bradley was tendered a vote of thanks for his very able paper.

H. J. Rayner, Cor. Sec'y.

BRIDGPORT, CONN.

John Osborne, now a well known florist of New York City, and who left here in 1869 with a theatrical troupe, has been spending a few days in town, renewing old acquaintances. After leaving here, until a few years ago, when he retired to go into business in New York, he enjoyed a deserved success on the stage. Mr. Osborne has visited this city but once since he left and that was twenty years ago, when he came through here with a theatrical company. He now has a finely established florist business in New York.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Good grower not afraid to work; place of 6000 feet; assistant given; state wages per month with board and room, etc.; give reference and description; wages to increase. Address J. Steinhauser, Pittsburg, Kan.

WANTED—A market gardener to work place and grow vegetables in hotbeds; must understand his trade; married or single. Apply at once. A. A. Harper, 1734 E. 6th Avenue, Pine Bluff, Ark.

WANTED—A young man to take charge of 8000 feet of glass and grow roses, carnations and make designs; state wages with board and room. Address J. W. Rentz, Peru, Ind.

WANTED—An assistant florist; state experience, wages expected with board and room, and send references. L. L. Pillsbury, Galesburg, Illinois.

WANTED—A few sections of Carmody boiler, not the return flue pattern. C. H. Foreman, Louisiana, Mo.

SITUATION WANTED—Position by sober, honest, reliable man; 12 years' American experience; grower of cut flowers, bedding plants, etc. Address with offers to W. Wiseley, General Delivery, Cohoes, N. Y.

FOR SALE—Greenhouse (8000 feet of glass), good boiler and chimney, dwelling and stable, Evanston, Ill., two blocks from C. & N. W. station. Good established trade direct from greenhouse. Price: ground, 150x175 feet, $4,000.00; dwelling and stable, $500.00; greenhouse, $500.00; total, $5,000.00. Terms: $2,000.00 cash, balance on time. Address 1127 Church Street, Evanston, Ill.

FOR SALE—Seven acres of land; greenhouses, over 6000 feet under glass; good location; good 7-room dwelling house; No. 1 flowing well; good business; retiring from business on account of failing health. For particulars address T. Kloss, St. Peter, Minn.

SITUATION WANTED—By all-around practical gardener, florist and general agriculturist to take charge and manage extensive operations in vegetables, fruits and flowers. Specialist in roses and celery, lawn and general landscape. This is an opportunity to secure a man who does the right thing at the right time. High class reference furnished. Correspondence solicited for immediate or future engagements. Address A. P., care Florists' Review.

SITUATION WANTED—By single German, age 40, as grower of roses, carnations, violets, mums and miscellaneous plants; good designer and able to take full charge; 26 years' experience; temperate and industrious; disengaged Sept. 15. Please state particulars in first letter. Address Illinois Grower, care Florists' Review.

SITUATION WANTED—By Oct 20th as foreman on medium sized place; grower of roses, carnations and a general line of cut flowers. Address L. care Florists' Review.

WANTED—An experienced cut-flower grower; an elderly man preferred. Address Schluraff Floral Co., Erie, Pa.

WANTED—Price lists and catalogues. Leo. Ekstrand, 2427 22½ Avenue South, Minneapolis, Minn.

SITUATION WANTED—To take charge of 15,000 to 20,000 feet of glass. Plants or cut flowers. Address No. 27, care Florists' Review.

WANTED—A young man with some practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits, and every way reliable. Give references and state wages expected without board. Address Edina, care Florists' Review.

FOR SALE—A great bargain. Three greenhouses, 6000 feet of glass, well stocked with carnations, chrysanthemums, roses and general bedding stock, in a live, growing town in Western Pennsylvania. Address Bargain, care Florists' Review.

WANTED—A single man to grow roses, carnations and bedding stock. Must be sober and industrious. To such a man good wages with board will be given. J. W. Margrave & Co., Hiawatha, Kansas.

FOR SALE—One flat boiler, in good condition, 5½ inches high, 5x8 feet; has heated one rose house 24x60 feet; one flow and two returns for 4-inch pipe; price $15.00. Delivered on car in St. Paul. Henry Krinke, 43 West Jessamine Street, St. Paul, Minn.

FOR SALE—To be torn down. Three greenhouses with about 2000 feet of glass, 12x14 double thick; 4-inch pipes, boiler, etc. Inquire 111 E. Madison St., Chicago. Fred. Weyand.

TO EXCHANGE—I will exchange extra fine established plants, calla lilies, ready for 6 and 7-inch pots; also blooded stock Belgian hares, for good field-grown carnation plants. Geo. Stafflinger, Springville, N. Y.

WANTED—Small hot water boiler for soft coal, to heat 1000 feet of glass; state size, make and condition. Nemaha Greenhouses, Seneca, Kansas.

SITUATION WANTED—As working foreman on commercial place where first class stock is wanted; 15 years' practical experience; reference. Ed. Wiseman, 1502 Buchanan Avenue, St. Joseph, Mo.

FOR SALE—Greenhouse, containing 4000 feet of glass in a lively and growing town in Northern Indiana; a new 6-room dwelling on place. A rare chance for a good florist with small capital. Write for particulars to W. G. Haebich, Auburn, Ind.

FOR SALE—One Hitchings boiler, No. 15, and 500 feet of 2½-in. steam pipe, just as good as new. J. Russler, 102 and Butler Sts., Chicago.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Address S. S., care Florists' Review.

FOR SALE—A fine large Marine hot water boiler; perfect condition. Wm. Lee, Bedford, Ohio.

WANTED—750 feet 1-inch, and 275 feet 2-inch wrought iron pipe; second hand, but must be good. M. A. Barick, Seymour, Ind.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—A working foreman to take charge of 22,000 square feet of glass where first class roses and carnations are to be grown, also one house of poinsettia; one assistant. State age and wages expected, including boarding and washing. Apply to John L. Wyland, De Haven, Pa.

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; terms reasonable; best of reasons. Correspond with

ROBERT F. TESSON, Trustee,
4248 Olive Street, ST LOUIS, MO.

WANTED.

ROSE GROWER and NIGHT FIREMAN.

ROSE GROWER thoroughly competent to grow **Beauty** and **Teas.**

NIGHT FIREMAN to understand pipe-fitting. State reference and wages.

W. K. PARTRIDGE,
LOCKLAND, near CINCINNATI, OHIO.
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LEO NIESSEN,
VALLEY, BEAUTIES.
N. W. Cor. 13th and Filbert Streets,
PHILADELPHIA, PA.
Mention The Review when you write.

SOW JOHNSON & STOKES' KINGLY COLLECTION Pansy
AND INCREASE YOUR PANSY SALES.
Don't hesitate. This Kingly Strain comprises such varieties as Giant Mme. Perret (Monsieur Perret's Genuine Seed), Bugnot's and Cassier's Superb Blotched, Giant Trimardeau, Odier, Giant Parisian Stained, Masterpiece and many other giant sorts, which make it the richest strain offered to the trade. Price of seed as follows: Per 1000 seeds 30c; 2000 seeds, 50c; 5000 seeds, $1 00; per ounce, $5.00. Send for our New Bulb and Flower Seed List.
JOHNSON & STOKES, 217 and 219 MARKET STREET, PHILADELPHIA, PA.
Mention The Review when you write.

CINCINNATI.

The Market.

Business, at last, is beginning to pick up, and everyone is happy, as the past week showed a very healthy increase in business in all lines. While shipping trade is as yet very small, outside buyers are beginning to be heard from, but, as a rule, they want only the best grade of stock, and there is not a very large supply of that coming in. With the steadily increasing supply of good stock shipping trade will also increase.

The city florists all report good business, and many of them had as much as they could do. Some large fall openings used up an enormous amount of second-grade stock, and carnations, especially, were sold out slick and clean. The various orders were well divided among many of the craft, so all had a share in the profits.

The rose supply is improving gradually. The cool weather is making itself felt, and with continued favorable weather it will not be very long before blooms of the first-class can be obtained at all times. The majority of the stock coming in is still somewhat short-stemmed, but the blooms are very fair, nevertheless. Brides are still very scarce; a few Kaiserins help matters a little. Maids are in better supply. Some very good Meteors are to be had. Liberty is still soft and single, opens up fast and is slow sale; color is fine, but this rose evidently needs cooler weather to grow good. Some very good Golden Gates are in, and they help out the shortage in Brides. Beauty is the rose of the day. Everybody wants it, and consequently many more could be sold were they obtainable. Some very good ones are coming in, but not nearly enough to fill all orders.

Brides, Bridesmaids, Meteors, Golden Gates, La France and Liberty, for best stock, 3 to 4 cents; others, 1 to 2 cents. Fairly good stock at $15 per 1,000; Beauty, best stock, $2 to $3 per doz; medium grade, $1 to $2; short, 50 to 75 cents.

Good carnations, the first crop from indoors, are coming in now, and thus the condition of the carnation market is greatly improved. The red ones are still backward and of poor quality. It will be some time before they are up to standard. Mrs. E. T. Grave is now sending in her prize-winning seedling, Pres. McKinley, and it far outclasses anything in the market.

The price on best carnations has advanced to $2 per 100. Medium grades, $1 to $1.50. Ordinary and field-grown, 50 to 75 cents.

Asters are still with us, and some fine ones continue to come in from the North. They bring $1.50 to $2 per 100. Others are to be had at from 50 cents to $1 per 100. All grades sell out clean and more of the better grades could easily be disposed of. Tuberoses and gladioli are still in fair supply, and sell well at 2 to 3 cents per spike. Smilax is somewhat scarce at 12½ to 15 cents per string. There is plenty of asparagus, Sprengeri and plumosus. Fancy ferns have advanced to $1.50 per 1,000. Green galax are to be had at $1 per 1,000.

Meeting of the Florists' Society.

The next meeting of the Cincinnati Florists' Society will be held at the residence of Mr. Wm. Murphy, Price Hill, Friday, Sept. 19th, and Mr. Murphy requests all to be at the end of the Elberon avenue car line sharply at 2 p. m., where he will be to meet all comers. Everyone, whether members of the society or not, is invited to be present, and a special invitation is extended to the ladies.

Notes.

There is a new member in Mr. Otto Walker's family. It's a boy, and congratulations are in order.

Mrs. Coates, of the firm of Coates & Garges, is slowly recovering from a long siege of typhoid fever.

Mr. F. Ball and W. Mann are also on the sick list. C. J. OHMER.

LAFAYETTE, IND.—Prof. Wm. Stuart, for some years past connected with the experiment station here, has accepted the position of horticulturist at the experiment station and college at Burlington, Vt., succeeding Prof. Waugh, and left for his new home on Sept. 4th.

FERNS - Extra Choice Stock.
Nephro Cordata Com., 2½-in., $5.00 per 100; 3-in., $8.00 per 100; 4-in., $10.00 per 100. Boston Ferns, 2¼-in. $3.50 per 100; 3 in., $4 50. The 2½-in. stock of above average 7 fronds and are from 10 to 12 inches high.
Asparagus Spreng., 4-in., $7 00 per 100. Asparagus Plum., 3½-in. $6.00 per 100 New Double Begonia Semp., such as Triomphe de Lorraine, Gloire de Montet, Bonle de Neige and others, strong, 3-in. pots, $4.00 per 100. Cash with order.
H ERNST & SON, WASHINGTON, MO.
Mention The Review when you write.

GEORGE M. MOSS,
WHOLESALE FLORIST,
Beauties, Brides, Maids, Carnations, Smilax and Asparagus.
32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.
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EDWARD REID
WHOLESALE FLORIST.
Valley and all seasonable summer flowers.
1526 Ranstead Street, PHILADELPHIA.
Store closes at 6:30 P. M. Saturday 1 P. M.
Long Distance Telephone.
Mention The Review when you write.

FRED. EHRET,
WHOLESALE FLORIST,
Specialties: Bridesmaids, Brides and Beauties.
1403-05 Fairmount Ave., Philadelphia.
Long Distance Telephone.
Mention The Review when you write.

GROWERS wishing good field-grown Carnations of the following varieties: Joost, Crocker, Duke of York, Scott, Cartledge and a fine Red Seedling, write at once to—
EUGENE BERNHEIMER,
WHOLESALE FLORIST,
11 S. 16th Street, PHILADELPHIA, PA.
Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.
WHOLESALE FLORISTS, Pittsburg, Pa.
Mention The Review when you write.

Garland Evergreen Co.
Shippers of all kinds of
Decorative Evergreens, Wild Smilax, Fancy and Dagger Ferns, Mosses, Holly, Etc.
Also Southern Smilax Plants.
Wire for prices. GARLAND, ALA.
Mention The Review when you write.

CYCLAMEN GIGANTEUM or PERSICUM. Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00 per 100. Cinerarias, 2-in., $2.00 per 100; 3-in., $5.00 per 100. Smilax, 2-in., $1.00 per 100.
Asparagus Sprengeri, 2¼-in., $1.50 per 100.
Primroses, Chinese Fringed and Obconica, 2¼-inch, $2.00 per 100.
Cyclamen Persicum Seed, mixed, $4.00 per 1000 seeds. Asparagus Sprengeri, $1.75 per 1000 seeds. Pansy, Prize Strain Bugnots, Cassiers and Odiers or Giant Trimardeau, $2.00 per oz. All fresh seed.
SAMUEL WHITTON, 15-17 Grey Ave., UTICA, N. Y.
Mention The Review when you write.

Always Mention the....
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When Writing Advertisers

Charles Millang, 50 W. 29th St. NEW YORK.

O ye! our buyers here in gay Manhattan,
And you, our shippers true, whose purse we fatten!
Remember, **Lilies**;—South, North, East and West—
Seem all to know the man who sells them best;
And still this song the Lilies sing—Long live Millang, the "Lily King."

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it.

TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

DETROIT.

Club Meeting.

At the last meeting of the Florists' Club "there were doings," as the boy says, for, after the retiring president had seated the president-elect, the business of the club proceeded in a most orderly manner until that arch-conspirator, Mr. Sullivan, arose and began to tell untruths about your humble scribe; and, finally wound up by presenting to him, in the name of the club, an elegant Morris rocker, upholstered in leather, thus placing said scribe in the position of having plenty to say but being unable to say anything. It seems to me that the club has made a great mistake in thus trying to kill off a member who was, at least, willing to work even if his work was not of the best. The boys will not expect him to leave the solid comfort of that chair and go down and sit in one of their common, hard ones for two or three hours, but they have not got rid of the old man yet, for they will find he is like the poor, "always with them."

All who attended the convention at Asheville returned highly pleased with the trip, and the accounts given caused a great deal of regret to those unable to attend, among which the writer is one. But Milwaukee will see us fifty strong, and twenty-five of us star bowlers in '93. Detroit still lives, although she may be dormant at times. Rag.

FLATBUSH, N. Y.

Hot weather—dear coal—mildew. None of these things moves the Flatbush bowler to swerve from his allegiance to the "sport of kings." Any Thursday evening any visiting florist from anywhere can count on a warm welcome at the alleys of the Flatbush Bowling Club, and a pleasant game, devoid of every objectionable feature. Those "pots," too, even though expensive, add zest and interest to every game, though it's a 100 to 1 foregone conclusion that Will Siebrecht or Pat Riley will "bag the coin." That's what they did Thursday last, as the appended score will show.

Friends of Papa Zeller will be glad to know he is in much better health this fall, and Louis Schmutz has fully recovered from the breaking of his legs and is as good as new.

Flatbush will have a team next year at Milwaukee. C. C. P. can book them right now if he wants to.

						Av.
Henry Dailledouze	158	150	120	158	120	141
Paul Dailledouze	166	149	119	158	135	143
Will Siebrecht	152	154	172	154	188	164
Pat. Riley	153	129	211	128	187	162
Carl Wocker	99	105	123	141	165	126

J. Austin Shaw.

HOLYOKE, MASS.

Mr. and Mrs. E. H. Howland are rejoicing over the birth of a boy. A. Hermann's general salesman was a visitor this week. A light frost is reported the night of Sept. 5th. Ixo.

JAMES McMANUS, 50 W. 30th St., NEW YORK. Tel. 759 Madison Square.

Beauties, Meteors, Brides and Bridesmaids are the leaders.

The highest grade of **VALLEY** always on hand. **ORCHIDS** a Specialty.

HEADQUARTERS FOR NOVELTIES.

Mention The Review when you write.

THE PIONEER HOUSE
of the Cut-Flower Commission Business.
Open every day at 6 a. m. Always "on deck."
Your business interests never neglected.

J. K. ALLEN

WHOLESALE FLORIST,

106 W. 28th Street, NEW YORK CITY
Tel. No. 168 Madison Sq.

We ship all over the U. S.
Out-of-town florists telegraph your needs.
Consignments of first class flowers always realize with us the **best market prices.**
If years of great success and reputation for stability,
Are proof of first class goods and true reliability,
Then why the shadows follow, why seek **elsewhere** what you need?
We may not do all the business, but you well know that we **lead.**

Mention The Review when you write.

ALEX. J. GUTTMAN,
Wholesale Florist.

No better flowers can be found anywhere.
Consignments solicited of first-class stock only.
Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

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MOORE, HENTZ & NASH,
Wholesale Florists,
55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

Mention The Review when you write.

Geo. Saltford,
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST CLASS FLOWERS SOLICITED.
VIOLETS our specialty.

Mention The Review when you write.

HARDY CUT
FANCY AND DAGGER FERNS
Mosses, Laurel, Bouquet Evergreen, Festooning, Wreaths, Hemlock and Spruce Boughs.
H. J. SMITH, P. O. Box 181 **Hinsdale, Mass.**

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.

BURBANK'S
Shasta Daisy.

New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $18.00 per oz.

Pansy, Giant Mixed, $1.00 per oz.; $10.00 per lb.
Asparagus Sprengeri, $1 50 per 1000 seeds.

PLANTS.

Shasta Daisy, 2-in., $10.00 per 100; 3½-in., $15.00 per 100. Asparagus Pl. Nanus, 2½-in., $3.00 per 100; $25.00 per 1000; 3½-in., extra fine, $5.00 per 100; $10.00 per 1000. Calla Bulbs, 1st size, $4 00 per 100; 250 at 1000 rate. Express prepaid.

California Carnation Co, Loomis, Cal., U.S.A.

Mention The Review when you write.

NEW CROP PANSY SEED

Superb Show Mixture..	⅛ oz. 75c; oz. $5.00
Finest Giant Strains	oz. $2 50; in mixture, oz. 2.00
Cineraria, Giant Prize Mixed	trade pkt. .75
Cineraria, new large flowering, striped,	pkt. .25

NOW READY.	Per 100	Per 1000
L. Harrisii, 5x7	$4.50	$40.00
L. Harrisii 7x9	11.00	100.00
L. Candidum, 20 centi. and up	5.50	
Callas, 4½ to 5¼-in. circumference.	5.50	50.00
Freesias, 1¾ to 2½-in. "	.90	8.00
Roman Hyacinths, 12 to 15 centi...	2.50	24.00

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

ZIRNGIEBEL
GIANT PANSIES.

Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Always mention the Florists' Review when writing advertisers.

Asparagus Sprengeri.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

ASPARAGUS PLUMOSUS NANUS — Fine stock for bench planting. From 2¼-inch pots, $4.00 per 100.

BEGONIA REX—Best named varieties. Special price to make room, from 2½-inch pots, $4.00 per 100.

CAREX JAP. VARIEGATA—A very useful decorative grass, from 2¼ inch pots, $2.50 per 100.

CYPERUS ALTERNIFOLIUS — Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100.

DOUBLE SWEET ALYSSUM—Do not forget this useful flower. Strong bushy plants from 3-inch pots, $4.00 per 100.

VIOLETS. Princess of Wales—Large field-grown clumps, free from disease. Plant now. $5.00 per 100 Second size, $3.00 per 100.

CALIFORNIA—Field-grown, second size, $3.00 per 100.

LADY CAMPBELL—Pot-grown plants of this variety give better results than field-grown stock. Extra strong from 3-inch pots, $3.50 per 100.

PRIMROSES. (Chinese) — After several years of careful tests, we are now able to offer stock from the finest imported seed. Can guarantee satisfaction. From 3-inch pots, in white, light pink, scarlet and blue, $5.00 per 100.

NATHAN SMITH & SON
ADRIAN, MICH.

Mention The Review when you write.

SPECIAL CLEARING SALE.

To Move Quick we will offer the following stock, strictly first class in every respect and true to name, at the following reduced prices:

15,000 Geraniums, from 2½-in. pots. **Jean Viaud** (the pink novelty of the day), $3.00 per 100. **Duchess of Orleans** (the variegated wonder), Beaute Poitevine, E. G. Hill, Mme. Jaulin, Alphonse Riccard, Thos. Meehan, L. P. Morton, Athlete, Mme. Bruant, $2.00 per 100; $18.00 per 1000. Frances Perkins and S. A. Nutt (the leading bedders), $1.50 per 100; $15.00 per 1000.

25,000 Smilax, extra strong plants, from 2¼-inch pots, ready for planting, $1.00 per 100; $8.00 per 1000.

10,000 Asp. Sprengeri, extra strong 2¼-in., $1.50 per 100; 2½-in., fine, $2.00 per 100. CASH.

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Chadwick, Eaton, Appleton, O. P. Basset, Ivory, and others, price, $14 00 per 1000. Nice young stuff. 8 or 9 of these in 8-inch flat pot make nice pot plant. Get your order in now.

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Pure White	75c	$6.00
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We can also furnish **STRONG PLANTS** of the same strain in 3-inch pots:

Separate Colors, $1.25 per doz; **$9.00** per 100. **Mixed Colors, $1.00** per doz.; **$8.00** per 100.

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CARNATIONS, Bradt, Flora Hill, White Cloud, Morning Glory, Crane, Mme. Chapman, Genevieve Lord, Norway, White Dayhreak, Daybreak and Glacier. Write for prices.

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BOSTON.

Business.

There is yet very little being done, but things are surely gaining and as all kinds of material are getting really quite scarce, the waste barrels have occasion to go on a vacation now if they wish. And, too, the demand and supply are so nearly balanced that prices remain low as usual.

Friday night frosts were reported around us in all directions, but no real damage was done thereby.

Much comment is caused by the rumor that about twenty-five growers, mostly composed of parties unable to obtain stalls at Park street last year, have started a new market on Province court under the leadership of Mr. Le Carpentier. Now, if I were to ask a question of the directors of the old market, it would be as to whether they really tried hard enough to obtain larger quarters this summer or not. Of course the large premiums on their limited number of stalls would naturally keep them in the old place as long as expedient, but there is no question that the removal of no more than twenty-five bidders will affect premiums on next Saturday's sale very much, especially if more stalls are offered in the new market at only a small rental.

The numbers of the two old phones at the Park street market have been changed to 797 and 798. Persons calling us up should use the latter number, which fact you should scratch upon your patent leathers so as not to forget it.

Boston Florists' Annual Picnic.

The first number of this institution was pulled off by about sixty participants in Sawin's grove, Dover, Saturday last, and was O. K. all around. Although it rained a bit no one got wet on the outside at all! Street cars were chartered at Natick for the occasion and a clam bake served by Clammaster Charlie Oliver of Natick. Talk about Rhode Island clam bakes! That state would not suffice to hold one of Charlie's!

The ball game was Boston Wholesalers vs. Retailers, the latter being victors 15 to 10, and the feature of the game was Jas. Casey's slide to home plate. Perry Green served as umpire. Weight 230. No opposition to his rulings.

The one hundred yard handicap was run in five heats. Will Montgomery won the first, James Denning the second, Geo. McAlpin the third, Bill Woods the fourth and Tim Waters the fifth. Montgomery won first money in the final, Woods the second and Jas. Rough the third, running in place of Waters.

Pat Donohue was official handicapper, John Harding clerk of course, and Dell Cartwright referee. In the match race between Flanagan and Keefe the former won. Time is given at 9½ seconds.

Perry Green won by default in the 100 yard dash advertised between himself and Wm. Anderson.

Some close work was done in rifle shooting. Perry Green ranks 23 out of possible 25 and Additon, of Summer street, counted 20. No burglars need apply! J. S. Manter.

Find enclosed $1.00 to renew my subscription to the best florists' paper on earth.—J. E. Yeats, Champaign, Ill.

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Lilium Harrisii.

We have a splendid lot of late-dug bulbs that have just arrived. On account of late digging bulbs are splendidly ripened and are unusually fine. The season has been very favorable, and it is a long time since we have been able to offer such fine stock. Bulbs are plump and hard, and that bright golden yellow color which denotes a well-ripened and healthy bulb. Bulbs run unusually large and are in the very best possible condition. We offer them as long as unsold as follows:

6- 7-in. bulbs, $17.50 per case of 350 bulbs; in less quantities,							$ 6.00	per 100.
7- 9-in. bulbs,	20.00	"	"	200	"	"	"	11.00	"
9-11-in. bulbs,	20.00	"	"	100	"	"	"	22.00	"

We also have a fine lot of **BERMUDA-GROWN LONGIFLORUM** late-dug bulbs, shipped by last Bermuda steamer, which arrived this week. This is an extra fine lot of selected bulbs. 7-9-in. bulbs, $20.00 per case of 200 bulbs; in less quantities, $11.00 per 100.

CALLAS. We have a grand stock of these splendidly ripened bulbs ready for immediate shipment.

Extra quality bulbs,	1¼	to	1½-in. diameter,	$ 5.00	per 100;	$40.00 per 1000.
Selected	1½	to	1¾	"	6.00	"	50.00	"
Mammoth	1¾	to	2	"	8.00	"	70.00	"
Exhibition	2	to	3	"	10.00	"		

We can also ship immediately on receipt of order the following:

White Roman Hyacinths. Finest quality bulbs. 12 to 15 cen. in circumference. $3.00 per 100; $26.00 per 1000.

Narcissus Paper White Grandiflora, $1.00 per 100; $9.00 per 1000.

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Give us Trial Order.

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KALE—Green-curled Scotch, 15c per 100; $1.00 per 1000.

LEEK—15c per 100; $1.00 per 1000.

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PARSLEY—Moss-curled, 40c per 100; $2.50 per 1000.

CELERY—Golden Self-Blanching, White Plume, Golden Heart, Perle Le Grande, Winter Queen and other varieties, 15c per 100; $1.00 per 1000.

If wanted by mail always add 10c per 100.

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Discount on ferns and laurel in large quantities.

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Giant dbl. alyssum, 2¼-in. $2.00 100.
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5-in. pots, 3 tiers, 10 in. high..... 50c
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6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
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Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
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ASPARAGUS SPRENGERI. Handsome stock for immediate delivery.
4½-inch pots .....$12.00 per 100
5-inch pots ..... 15.00 per 100
Great value; speak quickly if you want them.
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Asparagus Sprengeri, 2½-inch...$4.00 per 100
Asparagus Sprengeri, 3-inch..... 6.00 per 100
Asparagus plumosus nanus, 2½-inch 5.00 per 100
Asparagus plumosus nanus, 3-inch.. 7.00 per 100
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Asparagus Sprengeri. Large plants, in 4-in. pots, just the right size to plant out, $6.00 per 100. Fillow & Banks, Westport, Conn.

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A. plumosus, strong 3-in., ready to shift, $6.00 100. Van Wert Greenhouses, Van Wert, Ohio.

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Asparagus Sprengeri our specialty. 10,000 plants from 2 to 6-in.
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Cut strings, 50 cents each.
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	12	100	1000
11x18 assorted	$0.25	$2.00	$19.00
11x15 "	.30	2.50	22.00
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Named Dutch Hyacinth, exhibition bulb	1.00	7.00	60.00

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1st size—They are beautiful, white, blush, rose, red, blue, separate, doz., 40 cts.; 100, $2.75; 1000, $25.00.
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Red skinned	$2.50	$22.00

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True grandi., extra size..	$0.20	$1.10	9.00
Large bulbs	.15	1.00	8.00

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Stock grown by us for 20 years.

4-5-inch circum	.60	4.50	40.00
4x6-inch "	.75	5.50	50.00
5x7-inch "	1.00	7.50	70.00
Monster	1.50	10.00	

FRENCH TRUMPET MAJOR.

Force for Xmas	.15	1.00	9.50

FREESIA REFRACTA ALBA.

⅜-½-inch diam		.40	3.00
½-inch up		.60	5.00

ALLIUM NEOPOLITANUM.

Fine forcer, 1st size		.60	5.00
Fine size		.50	4.00

LIL. HARRISSII—EXTRA OFFER.
Unblemished extra fine stock. Must be sold. Write for prices on quantities.

	12	100	1000
5½x7-inch circum	.60	4.50	40.00
7x9-inch "	1.25	9.00	....

LIL. CANDIDUM.
Extra fine, thick petalled.

1st size, extra large	.75	5.00	47.00
2nd size, fine, large	.60	4.50	42.00

Our new catalogue is just out. Write for it.
H. H. Berger & Co., 47 Barclay St., New York.

We have a splendid lot of late-dug bulbs that are splendidly ripened, plump and hard.

Inch.	Per Case.	Per 100.
6-7	$17.50 (350 bulbs)	Less quantity....$6.00
7-9	20.00 (200 bulbs)	Less quantity....11.00
9-11	20.00 (100 bulbs)	Less quantity....22.00

We have just received a fine lot of late-dug BERMUDA-GROWN Longiflorum, selected bulbs, 7-9, $20.00 per case of 200; less quantities, $11.00 100.
CALLAS, we have a fine stock ready for immediate shipment.

	Diameter.	100	1000
Extra quality	1¼ to 1½-in.	$5.00	$40.00
Selected	1½ to 1¾-in.	6.00	50.00
Mammoth	1¾ to 2-in.	8.00	70.00
Exhibition	2 to 3-in.	10.00	

White Roman HYACINTHS, finest quality, 12 to 15 cms. $3.00 100, $26.00 1000. NARCISSUS paper white grand., $1.00 100, $9.00 1000. Bermuda Buttercup OXALIS, 75c 100, $6.00 1000. FREESIAS, selected, ½-in. and up 75c 100, $6.00 1000.
F. R. PIERSON CO., Tarrytown, N. Y.

Selected white CALLA bulbs, well-cured, California-grown: 3-5 inches in circ. 50c doz., $3.50 100; 4-6 inches, 75c doz., $5.50 100.
Selected FREESIAS, exceptionally fine California bulbs, suitable for florists: 10c doz., 60c 100, $5.00 1000.
White Roman HYACINTHS, scarce, 12-15 cms., 35c doz., $2.60 100, $24.00 1000.
Paper white grandif. NARCISSUS, 13 cms., $1.00 100, $8.50 1000.
Send for our new bulb and flower seed list.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Freesias now ready. ⅜ inch and up in diameter, at $2.00 per 1000, delivered anywhere in United States. Calla Bulbs, 1 to 1½ inches in diameter, $3.25 per 100, delivered anywhere in the United States. For large quantities write for prices. Orders from unknown correspondents must be accompanied with cash. Remember these prices include delivery.
GERMAIN SEED AND PLANT CO., Los Angeles, Cal.

MICHELL'S special brand of Lilium Harrisii, claimed by the grower to be 90 per cent free from disease. 5x7, $4.75 100, $45.00 1000; case of 400 at 1000 rate. 7x9 $11.00 100, $100.00 1000; case of 200 at 1000 rate.
Narcissus paper white grandiflora, extra large bulbs, $9.00 1000. Special price on large lots.
H. F. MICHELL, 1018 Market St., Philadelphia, Pa.

	100	1000
NARCISSUS.		
Paper white grandiflora	$1.00	$9.00
Paper white grandiflora, selected bulbs	1.25	10.00
Von Sion, double nose, selected	2.00	18.00
Von Sion, mammoth bulbs	1.75	14.00
Von Sion, first size	1.50	12.00

STUMPP & WALTER CO., 50 Barclay St., New York.

Now ready.	100.	1000.
L. Harisii, 5x7	$ 4.50	$ 40.00
L. Harrisii, 7x9	11.00	100.00
L. Candidum, 20 cms. and up	5.50	
Callas, 1½ to 5-¼-in. circ	5.50	50.00
Freesias, 1¾ to 2½-in. circ	.90	8.00
Roman Hyacinths, 12 to 15 cms.	2.50	24.00

W. C. BECKERT. Allegheny, Pa.

Our RETARDED or COLD STORAGE Lilium longiflorum can be forced for Christmas. It will pay you to try some. Price: 7 to 9-in. bulbs, 300 in a box, $7.50 per 100, $60.00 per 1000; one whole box sold at 1000 rate. Prices upon all other bulbs on application.

CI.UCAS & RODDINGTON CO., 812-814 Greenwich St., New York.

LILIUM HARRISII, fine bulbs, 5-7 inch, $5.00 100, $47.50 1000; 7-9 inch, $11.00 100, 200 for $20.00. WHITE ROMAN HYACINTHS, $2.60 100, $23.00 1000. Send in your list of Dutch bulbs to be priced.

A. C. BROWN, Springfield, Ill.

FALL BULBS. Callas, candidums, freesias, Romans, paper whites, etc., now ready. If you have not received our list of fall bulbs send for a copy. W. W. BARNARD & CO., 161 Kinzie St., Chicago.

Narcissus and Daffodils, Guernsey Lilies, Arum Lilies and Belladonna bulbs at moderate prices.

A. J. Collas, Paradise Vineries, Guernsey, Channel Islands.

FREESIAS, CALLAS, LILIUM HARRISII, etc. If our bulb list has not been received we shall be pleased to send it on application. J. M. Thorburn & Co., 36 Cortlandt St., New York.

CALLA BULBS, 1 to 1½-in., offered for this week only at $2.75 per 100. Cash with order.

Golden Gate Bulb and Lily Farm, 6660 Shattuck Ave., Oakland, Cal.

Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.

BOBBINK & ATKINS, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.

JAMES VICK'S SONS, Rochester, N. Y.

Excelsior Pearl tuberose and Caladium esculentum bulbs. Popular varieties.

Jno. F. Croom & Bro., Magnolia, N. C.

Caladiums, dry bulbs, best named sorts, 1¼in., $6.00 100, $50.00 1000.

P. J. Berckmans Co., Augusta, Ga.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla and Belladona bulbs. Write.

California Nursery Co., Niles, Cal.

Calla bulbs, 1st size, $4.00 100.

California Carnation Co., Loomis, Cal.

CACTI.

Old-Man Cactus, 4—5 in. high, $3.00 per doz., $20.00 per 100; 6—8 in. high, $4.00 per doz., $30.00 per 100. Prices include prepayment by parcel-post.

J. A. McDowell, Ap. 167, City of Mexico.

Stapelia variegata (star cactus), $3.00 100; makes fine border; will live and bloom all winter in southern states. Cash with order.

Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

30,000 cannas for fall delivery; best varieties. Price will please you.

A. B. Campbell, Cochranville, Pa.

CAREX

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

FIELD-GROWN CARNATIONS, strong, healthy plants. Per 100:

	No. 1	No. 2
1000 Russell	$5.00	$3.00
800 Gomez	4.00	2.00
150 Norway	5.00	3.00
100 Marquis		3.00
150 Crane		3.00
200 Armazindy	4.00	2.00
200 Genevieve Lord		3.00
200 America	4.00	2.00

Cash with order from unknown parties. Packed to carry safely by express.

CHAS. BLACK, Hightstown, N. J.

Field-grown carnations; fine, strong, healthy plants:

850 Flora Hill	$5.00 per 100
500 Glacier	5.00 per 100
250 Ethel Crocker	4.00 per 100
87 Guardian Angel	5.00 per 100
100 Morning Glory	5.00 per 100
75 Gomez	4.00 per 100
100 Melba	4.00 per 100
100 Mrs. James Dean	4.00 per 100
100 Mrs. Chapman	4.00 per 100
50 Eldorado	4.00 per 100

Central Michigan Nursery, Kalamazoo, Mich.

FIELD-GROWN CARNATIONS.

	1st size.		2d size.	
2000 Norway	$8.00	100	$6.00	100
1000 Flora Hill	6.00	100	5.00	100
1500 Mermaid	6.00	100	5.00	100
500 Egypt	5.00	100	4.00	100
500 Maceo	5.00	100	4.00	100
300 Gov. Roosevelt			5.00	100
200 Lorna			6.00	100
300 Queen Louise			6.00	100

W. E. HALL, Clyde, Ohio.

1500 nice field-grown carnation plants for $50.00 cash for the lot:

55 Bon Homme Richard	40 Le Roo Mitting
	70 Elm City
400 Prosperity	400 Daybreak
80 Morning Glory	50 Bradt
40 Crane	60 Lord
45 Kitty Clover	85 Nydia
35 Lorna	20 Joost
150 Avondale	12 America

JOS. F. SMITH, 62 Main St., Norwich, Conn.

FIELD-GROWN CARNATIONS.

	100.		100.
Queen Louise	$7.00	Buttercup	$7.00
Gov. Roosevelt	7.00	Irene	7.00
Prosperity	7.00	Bon H. Richard	7.00
Goodenough	7.00	Norway	7.00
Lippincott	5.00	Victor	5.00
Lord	5.00	Portia	5.00
Marquis	5.00	Daybreak	5.00
Eldorado	5.00	C. A. Dana	5.00

J. L. DILLON, Bloomsburg, Pa.

MURPHY'S WHITE. A commercial white carnation; vigorous and healthy grower; early, free and continuous bloomer; stem and calyx ita strong points. Will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1000, $45.00 5000.

I am headquarters for Estelle cuttings. Price: $4.00 100, $30.00 1000.

WM. MURPHY, Station F, Cincinnati, O.

Surplus stock of field-grown carnation plants:

Crocker	Cerise Queen
Eldorado	Scott
Daybreak	Joost
Meteor	America

Extra strong field-grown plants, $4.00 100, $35.00 1000.

J. B. HEISS, Dayton, Ohio.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$3.00	$15.00	Melba	$5.00	$40.00
Marquis	6.00	50.00	M'Richm'd	5.00	40.00
White Cl'd	6.00	50.00	Scott	5.00	40.00
Hill	6.00	50.00	Pingree	6.00	....
Lord	5.00	40.00	Gold Nugget	6.00	....

250 of one variety at 1000 rate.

ISAAC H. MOSS, Govanstown, Baltimore, Md.

FIELD-GROWN CARNATIONS.

	12.	100.		12.	100.
Cressbrook	$1.50	$15.00	Egypt	$1.00	$7.00
Norway	1.50	8.00	Mermaid	1.00	5.00
Prosperity	1.50	8.00	Goethe	1.00	5.00
Lord	1.00	7.00	Beau Ideal	1.00	5.00

The above are in good shape, ready for immediate shipment. 25 plants one variety at 100 rate.

H. WEBER & SONS, Oakland, Md.

To clean up the field I offer the following:

500 Egypt, 1st size	$5.00 per 100
100 Gomez, 1st size	5.00 per 100
200 Queen Louise, 2d size	4.00 per 100
300 Morning Glory, 2d size	3.00 per 100
100 Norway, 2d size	4.00 per 100
150 Marquis, 2d size	4.00 per 100
200 Gomez, 2d size	3.00 per 100

C. L. HOWE, Dover, Del.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Carnations. Strong, clean and healthy plants. Not being able to house all of our new seedling, Ruby King, a brilliant cerise, we have some to spare at $6.00 per 100. We also have some fine White Cloud, America, G. Lord and Mary Wood at $5.00 per 100; $40.00 per 1000

LAMPRECHT BROS., Ashland, Ohio.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail 10 cents. The Albert H. Brown Co., Westboro, Mass.

Strong, healthy, field-grown carnations.

	100	1000		100	1000
Crocker	$4.00	$25.00	Norway	$5.00	$30.00
Scott	4.00	25.00	Joost	5.00	35.00
W. Cloud	4.00	25.00	Excelsior	4.00	25.00
Melba	4.00	25.00			

Money order with order.

W. E. Fowler & Co., Bellevue, New Castle Co., Delaware.

For Sale or Exchange—McGowan, Scott, Kitty Clover, Tidal Wave, at $4.00 100, and a very light pink seedling that is much better than Scott ever was, at $6.00. All plants in fine shape. Will exchange for violets, dbl. and single; A. plumosus, and a good scarlet carnation. If you have anything else to exchange, write. E. Wickersham & Co., Pottstown, Pa.

5,000 Freedom from select stock; a good all-round white; $5.00 100; $45.00, 1000.

	100.		100.
1000 Hill	$4.00	100 Melba	$6.00
500 Scott	4.00	200 Portia	4.00
400 Joost	6.00	100 Bon Ton	5.00
300 Tidal Wave	4.00		

C. E. ALLEN, Brattleboro, Vt.

Carnations, field-grown.

	100
The Marquis	$5.00
Wm. Scott	4.00
Mrs. F. Joost	4.00
Lizzie McGowan	3.00

SEIDEWITZ, 36 W. Lexington St., Baltimore, Md.

Healthy, strong field-grown carnations.

575 Crane	75 Jubilee
100 Marquis	450 Daybreak
420 Joost	50 Chicago
300 Maceo	

At $4.00 per 100; $35.00 per 1000.

JOSEPH LABO, Joliet, Ill.

FIELD-GROWN CARNATIONS.

	100	1000		100	1000
Lawson	$7.00	$60.00	Jubilee	$4.00	$35.00
Crocker	5.00	45.00	Scott	4.00	35.00
Lord	4.00	35.00	Hill	5.00	45.00
Daybreak	4.00	35.00	Prosperity	10.00	

S. T. DANLEY, Macomb, Ill.

150 McGowan	3 c	600 Avondale	4 c
150 Jubilee	3½c	100 Crocker	4 c
100 Daybreak	3½c	400 F. Hill	4½c

Will exchange any of the above for Lawson, Estelle and Glacier. Let us hear from you at once; first come, first served.

CHESSMAN & SCHEPMAN, Richmond, Ind.

Field-grown carnation plants; strong and perfectly healthy. Per 100:

Marquis	$6.00	White Cloud	$5.00
Norway	6.00	Joost	5.00
Genevieve Lord	6.00	Estelle, 2nd size	5.00

LAWSON, fine plants, $8.00.

S. J. REUTER, Westerly, R. I.

Extra fine field-grown plants.

	100		100
Wm. Scott	$5.00	E. Crocker	$5.00
Norway	6.00	Gen. Maceo	6.00
Mrs. Joost	6.00		

LEO. NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

1500 carnation plants of Mrs. F. Joost, Gen. Maceo, G. H. Crane, Daybreak, White Cloud, and Elm City. We consider a plant with from 9 to 15 shoots a fair plant, and these are what we offer. Healthy and strong from the field. Cash with order.

C. A. Gardner, Wakefield, Mass.

Strong, healthy carnation plants that have not been allowed to bloom. Per 100: Elma, light pink, $8.00; America, red; Jubilee, scarlet; Joost, pink, $6.00. Cash.

BAUR & SMITH, 38th and Senate, Indianapolis, Ind.

Surplus lot of field-grown carnations, fine, strong healthy plants. Mrs. Lawson, G. H. Crane, White Cloud, Mrs. F. Joost, Lizzie McGowan, Wm. Scott, Daybreak and Ethel Crocker, $5.00 per 100.

Brookside Greenhouses, Reading, Pa.

Field-grown carnations, strong, healthy plants. Norway, The Marquis, Lippincott, Joost and Genevieve Lord, $5.00 per 100. Wm. Scott, $3.50 per 100. Cash with order. Satisfaction guaranteed.

GEO. R. GEIGER, Nazareth, Pa.

Carnations, strong plants from well-drained soil. Flora Hill, 1st size, $6.00; 2nd size, $3.50 100. Joost, Crocker, Dean, John Young, 1st size, $5.00; 2nd size, $3.00 100.

John Curwen, Glen Head, L. I., N. Y.

20,000 field-grown carnations, extra fine and healthy; all cuttings taken from flowering stems. Lizzie McGowan, $3.00 per 100; Russell, good pink, moves easily, $4.00 per 100. Aaron Kelter, Parker Ford, Pa.

Carnations, field-grown, $4.00 100:

50 Lawson	75 Daybreak
75 Morning Glory	60 Eldorado
56 Marquis	

CHAS. FRUEH & SONS, Saginaw, Mich.

Field-grown carnations. 475 Flora Hill, No. 1, $5.00 100. 125 White Cloud, 2nd size, $3.00 100. D. C. Noble, Columbia City, Ind.

CARNATIONS—Continued.

Carnations, spleadid, branchy plants. Hill, Marquis, Joost, Armazindy, Triumph, Scott, $5.00 100, $40.00 1000. Bradt, $6.00. Prosperity, $8.00.
W. H. GULLETT & SONS, Lincoln, Ill.

Field-grown plants of Joost, Crocker, Duke of York, Scott, Cartledge, and a fine red seedling. A No. 1 plants.
Eugene Bernhelmer, 11 South 16th St., Philadelphia, Pa.

Field-grown carnations, fine, strong, healthy plants.
Prosperity.....$4.00 100; $35.00 1,000
Lord..... 4.00 100; 35.00 1,000
P. REINBERG, 51 Wabash av., Chicago.

Carnations, stocky, field-grown. No. 1 stock.
Triumph .....5c White Cloud 5c
Joost .....5c Genesee (white)....5c
Lawson 6c
JOY & SON CO., Nashville, Tenn.

A-1 CARNATION PLANTS.
Crane, Marquis, Flora Hill.....5 cents
Jubilee, Daybreak, Victor.....4 cents
These are hard to beat.
FRANK BERRY, Stillwater, Minn.

GOODENOUGH, the most profitable white, $7.00 100. Frances Joost, Maceo and Scott, $5.00 100. All strong, field-grown plants. Write for prices on large lots.
S. LITTLEFIELD, No. Abington, Mass.

Carnations, first-class plants. 250 Joost, 165 Freedom, 100 Lawson, 150 assorted Daybreak, Crane, Miller and White Cloud at $5.00 100, or the lot for $30.00 cash.
FRANKLIN & CROSBY, Brooklyn, Conn.

Field-grown carnations. First-class stock. 200 Crane at $4.00 per 100, 2,000 Joost at $3.00 per 100 or $25.00 per 1,000. 500 Flora Hill at $4.00 per 100.
JOHN HOEFT, Park Ridge, Ill.

Bradt, Hill, White Cloud, Morning Glory, Crane, Chapman, Lord, Norway, Glacier, White Daybreak and Daybreak carnations. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

Large healthy plants of Daybreak, $5.00; Freedom, $4.00; Victor, $5.00; mixed ones, fine, $5.00 per 100. Special 1000 rate for cash. W. G. Kroeber, 35 Tremont St., New Bedford, Mass.

Carnations from field, extra large plants in most robust condition. Scott and Melba, 1st size, $5.00. 2nd size, $4.00 100. Chas. Rayner, Anchorage Rose Houses, Anchorage, Ky.

Carnations, first-class plants. 200 Marquis, 250 Lord, 400 Joost, 230 White Cloud, 500 Flora Hill, $6.00 100. Cash. D. Newlands & Co., 1089 West Delavan Ave., Buffalo, N. Y.

Surplus carnations, good, healthy stock: 500 McGowan, 700 Joost, 500 Hill, 200 Crane, 50 Jubilee. Write for prices—cheap for cash.
John Milne & Son, Fairbury, Ill.

Carnation plants. Flora Hill, Queen Louise, Eldorado, Tidal Wave, Gen. Maceo, Morning Glory, $5.00 per 100; $40.00 per 1000.
H. W. FIELD, Northampton, Mass.

Carnations, strong healthy plants. Flora Hill, $5.00 100; Daybreak, Armazindy and Young, $4.00 100. Cash with order.
E LEULY, West Hoboken, N. J.

Carnations. 1200 Daybreak, 1000 Russell, 500 Scott, 500 Melba, 200 Flora Hill, 400 mixed, $40.00 per 1000.
Robt. Chesney, Montclair, N. J.

5,000 fine, healthy Joost, Crocker, D. York, $3.50 100. Scott, Cartledge, Bundy, $3.00 100. Cash with order.
Roney Bros., West Grove, Pa.

Carnations. Strong field-grown plants. 6,500 Ethel Crocker, $4.00 per 100; $30.00 per 1000. Cash with order.
PETER BROWN, Lancaster, Pa.

Strong, healthy plants of Hill, Lord, Crocker, Queen Louise and White Cloud, $4.50 100. Van Wert Greenhouses, Van Wert, O.

Let us know your wants on carnation plants—we prepay express charges. California Carnation Co., Loomis, Cal.

SPECIAL PRICES in my clearing sale of high grade Joost. Write for them.
Otto Bourdy, Lowell, Mass.

Field-grown carnations, 1000 extra strong ETHEL CROCKER, $4.00 per 100.
Wagner Park Conservatories, Sidney, Ohio.

1000 Gomez carnations, $5.00 per 100. Clean healthy plants. Cash with order.
The F. Blondeel Co., Oak Park, Ill.

Carnations, field-grown, strong and healthy; Mrs. F. Joost, $5.00 100; Daybreak, $6.00 100.
S. S. Peckham, Fairhaven, Mass.

Carnation plants of Morning Glory, Flora Hill, G. H. Crane, America and Marquis. Write me.
W. H. Watson, Lapeer, Mich.

2000 Duke of York carnation plants, field-grown, fine ones, at $3.00 100.
A. B. Campbell, Cochranville, Pa.

Floriana carnation plants. Fine, large and healthy. $7.00 per 100; $65.00 per 1000.
Fillow & Banks, Westport, Conn.

Healthy carnation plants of Scott and Crocker, 4c, $35.00 1000. Prosperity, 5c.
W. H. Vance, Wilmington, Del.

Lawson and Prosperity carnations, extra large, choice, clean plants, $8.00 100.
JAMES PATIENCE, Stamford, Conn.

2000 fine field plants of Joost and Mary Wood at $4.00 100.
HENRY DIERS, Sibley, Ill.

Prosperity, $8.00; Daybreak, $4.00 100. Strong, healthy plants. Carl Rauth, Springfield, Ill.

F. JOOST, field-grown, extra strong, $5.00 100. Cash. Cottage Greenhouses, Litchfield, Ill.

Carnations. Send to us for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Send for descriptive price list.
F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums. We still have some nice, thrifty young stock which we offer at $2.50 100, our selection. H. Weber & Sons, Oakland, Md.

LAST CALL for mums. Chadwick, Eaton, Appleton, Bassett, Ivory and others, $14.00 1000; nice young stuff.
POEHLMANN BROS. CO., Morton Grove, Ill.

CINERARIAS.

Cinerarias, 2-in., $2.00 100; 3-in., $3.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cineraria grandiflora, finest dwarf, $2.00 100; 300 for $5.00. J. W. Miller, Hatton, Pa.

Cinerarias, $2.00 100
Jos. H. Cunningham, Delaware, Ohio.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CLEMATIS.

Clematis paniculata, 2, 3 and 4 years old. Write for prices.
Elizabeth Nursery Co., Elizabeth, N. J.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

Clematis paniculata, $2.00 100, $15.00 1000. Cash. C. G. Nanz, Owensboro, Ky.

COLEUS.

Coleus stock plants, 2-in. large and strong, ready for 4-in., 25 or more varieties, $1.50 100. N. O. Caswell, Delavan, Ill.

CYCLAMEN.

20000 CYCLAMEN PERSICUM SPLENDENS GIGANTEUM. Now ready for immediate shipment a splendid lot of well-budded plants from 3-in. pots, $6.00 100, $50.00 1000; from 2½-in. pots, $4.00 100, $30.00 1000. 250 at 1000 rate.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen persicum giganteum, strong plants in separate colors, $1.25 doz., $9.00 100; mixed colors, $1.00 doz., $8.00 100.
H. A. DREER, Philadelphia, Pa.

Cyclamen giganteum or persicum, ready to shift for Christmas blooming, 3-in., $5.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, 3½-in., separate colors, $8.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Cyclamen giganteum, fine plants, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

DAISIES.

Shasta daisy plants, 2-in. $10.00 100; 3½-in. $15.00 100. 250 at 1000 rate. Express prepaid. California Carnation Co., Loomis, Cal.

Longfellow and Snowball daisies, strong plants ready for transplanting. $3.00 per 1000. Cash. Alex. MacElwee, Hoyt, Pa.

DEUTZIAS.

4000 Deutzia Lemoinei, 1 yr., 2 to 4 branches, 12 to 16 inches, $2.00 100; $15.00 1000. 500 Spirea Anthony Waterer, 1 yr., 8 to 10 inches, bushy, $2.50 100. Cash with order.
GEYER BROS., Rochester, N. Y.

EUCHARIS

Eucharis grandiflora, a money-maker for the florist who wants a fine, white flower for funeral work, bouquets, etc. Large clumps (will bloom this fall), 15 to 20 bulbs, $2.50 each, single bulbs, $10.00 100. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

FERNS.

NEPHROLEPIS PIERSONI will be a money-maker for you. Will be introduced to the trade in spring of 1903. Demand will be enormous. Place your order at once to secure early delivery. Price: $9.00 doz., 50 plants at 60c each, 100 plants at 50c each, 500 plants at 45c each, 1000 plants at 40c each.
F. R. PIERSON CO., Tarrytown, N. Y.

DREER'S FINE FERNS. Now is the time to lay in your supply of ferns. We have in stock over 500,000 plants grown in open frames, well-hardened, and in prime condition to grow for the coming season's use For varieties and prices see displayed adv. in this issue.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Seedling ferns in flats. All the leading varieties, ready for 2-in. pots, $2.00 per flat. Small ferns for filling ferneries, in all the best commercial varieties, 2½-in., $3.00 100; $25.00 1000.
BOBBINK & ATKINS, Rutherford, N. J.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
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Boston ferns, extra fine, from pots, $50.00, $75.00, $100.00 and $150.00 100. Seedling ferns, good commercial varieties, $10.00 1000.
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Orders booked now for the new Nephrolepsis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

BOSTON ferns, all sizes. Ferns for fern dishes, 2 and 2½-in., 2½c. Cyrtomium falcatum, 4½-in., 15c; 5-in., 20c.
Crown Point Floral Co., Crown Point, Ind.

FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.
Sunnyside Ferneries, Secaucus, N. J.

Ferns. Mixed varieties, strong stock and good assortment, in 2-in. pots, $3.50 per 100; $30.00 per 1000.
Beard Bros., West Fort St., Detroit, Mich.

1000 finest cool-grown Boston ferns, 5-in., bench-grown, $20.00 100, 500 2½-in. pots, $4.00 100. Cash. H. B. Campbell, Davenport, Iowa.

Nephrolepis erecta and compacta, fine plants from bench, ready for 3 and 4-in. pots, $4.00 100. A. A. Harper, Pine Bluff, Ark.

Mixed ferns, 20 sorts, $3.00 per 100. Satisfaction or your money back. C. F. Baker & Son, Utica, N. Y.

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Boston ferns, 2½-in. pots, fine stock, $4.00 100. Cash, please, Converse Greenhouses, Webster, Mass.

Nephrolepis cordata compacta, 2½-in., $5.00 100; 3-in., $6.00 100; 4-in., $10.00. Boston ferns, 2½-in., $3.50 100; 3-in., $4.50. Cash.
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Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Maidenhair ferns, 3-in. $5.00 100.
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Boston ferns, fine stock. Write
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Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIEBRECHT & SON, New Rochelle, N. Y.

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Special CLEARANCE sale of 15000 geraniums from 2½-in. pots. Jean Viaud, the pink novelty, $3.00 100; Duchess of Orleans, the variegated wonder; Beaute Poitevine, Hill, Jaulin, Ricard, Meehan, Morton, Athlete, Bruant, $2.00 100, $18.00 1000; Perkins and Nutt, the leading bedders, $1.50 100, $15.00 1000.
BUCKLEY PLANT CO., Springfield, Ill.

Special price on a surplus of 2-in. pot plants of Heteranthe (double red) and Buchner (double white); some have been topped, but will make fine plants if potted this month into 3s. Price: $1.25 100; $10.00 1,000.
ALBERT M. HERR, Lancaster, Pa.

Rooted cuttings of Heteranthe, S. A. Nutt, Poitevine, Landry, Perkins, Buchner, $1.50 per 100, $12.50 per 1000, $100.00 per 10,000. Jean Viaud and Mme. de Castellane $2.50 per 100. $20.00 per 1000.
ALBERT M. HERR, Lancaster, Pa.

Geraniums; good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Geraniums, standard varieties, 2½-in. pots, $2.00 per 100.
Brookside Greenhouses, Reading, Pa.

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Some thousands of choice mixed gladioli bulbs and bulblets for sale cheap, now ready. REASON—Change of business. H. A. Catlin, White Sulphur Springs, West Va.

Gladioli bulbs. Thousands of May and Groff's hybrids. P. O. Coblentz, New Madison, Ohio.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

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Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $35.00 per 1000.
We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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Heliotropes, 2 and 3-in. Mme. Bruant, the finest heliotrope for pot sales and bedding. N. O. Caswell, Delavan, Ill.

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15 Otaksa and 10 Thomas Hogg hydrangeas, from 10 to 18 branches, 25c each, or the 25 for $5.00. H. B. Snow, Camden, New York.

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Iris Germanica and other fine species of iris grown by the thousands, many of which are suitable for forcing. SPECIAL OFFER: 100 new iris at $30.00 the 100 for one week only. Send for descriptive catalogue.
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Hardy English Ivy, 2¼-in., $2.00 100.
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At all times extra fine CUT BLOOMS of Lily of the Valley, $3.00 per 100. Cash must accompany orders. Anton Schultheis, Box 78, College Point, L. I., N. Y.

Lily of the Valley, every day in the year, $3.00 per 100.
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Extra fine VALLEY, $4.00 to $5.00 100.
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English Milltrack mushroom spawn from a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Mushroom spawn. Fresh, imported English, just arrived. W. W. Barnard & Co., 161 Kinzie st., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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HARDY MYRTLE, grand stock, extra heavy field-grown, $6.00 100, $50.00 1000. A. L. Miller, Station E, Brooklyn, N. Y.

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Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

Narcissus paper white grandiflora, $1.00 100.
Jos. H. Cunningham, Delaware, O.

ORANGES.

Oranges and Kum Kwats, grafted, 10-12 in., bushy, $20.00 100.
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We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

ORCHIDS, 12 staple varieties for cut flowers, from 75c to $2.50 each.
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Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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We shall have, for September delivery, a limited quantity of choice paeonies suitable for commercial cut flower work. Varieties and prices on application. The Cottage Gardens, Queens, L. I., N. Y.

Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

Large double pink paeonies, $5.00 100.
Elizabeth Nursery Co., Elizabeth, N. J.

HIGH-GRADE PAEONIES.
C. S. Harrison's Select Nursery, York, Neb.

PAEONIES—September shipments.
J. F. Rosenfeld, West Point, Neb.

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BALL'S PALMS. Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.
KENTIA BELMOREANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 5-in. 75c, 6-in. $1.00 and $1.25, 7-in. $1.50, 8-in. $2.00 each. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $2.50, 9-in. $3.00, 10-in. $4.00, $5.00, $6.00 and $7.50.
KENTIA FORSTERIANA, 2½-in. $12.00, 3-in. $15.00 and $20.00 per 100. 4-in. 30c and 40c, 6-in. 75c. Several strong plants in a pot, bushy, 6-in. $1.00, 8-in. $2.00 and $3.00.
ARECA LUTESCENS, 2½-in. $6.00, 3-in. $10.00, 4-in. $17.50 per 100. Several in a pot, very bushy, 6-in. 50c, 75c and $1.00, 8-in. $2.00 and $3.00, 10-in. $4.00 and $5.00, 12-in. $7.50.
LATANIA BORBONICA, 2½-in. $4.00, 3-in. $8.00 per 100. 4-in. strong, 25c, 6-in. 50c, 8-in. $1.50.
PHOENIX CANARIENSIS, 8-in. pots at $2.00 and $2.50, 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.
ARAUCARIA EXCELSA, 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.00.
ARAUCARIA ROBUSTA COMPACTA, 16 to 18-in. high, 3 to 4 tiers, $2.00; 18 to 20-in. high, 4 tiers, $2.50.
PANDANUS VEITCHII, 6-in. at $1.00.
PANDANUS UTILIS, 4-in. 20c, 6-in. 50c, and 75c, 8-in. $1.00.
COCOS WEDDELLIANA, FICUS ELASTICA, DRACAENA SANDERIANA, ETC.
Descriptive price list on application.
CHAS. D. BALL, Holmesburg, Philadelphia.

KENTIA BELMOREANA. 12-15-in., 4-5 char. lvs., 4-in. pots, $20.00 100, $180.00 1000; 15-18-in., 5-6 char. lvs., 4-in. pots, $35.00 100.
LATANIA BORBONICA, 12-15-in., 2 char. lvs., 4-in. pots, $15.00 100.
Pandanus Utilis, 12-15-in., stocky, 4-in. pots, $20.00 100; 18-in., stocky, 5-in. pots, $25.00 100.
PHOENIX FARINIFERA, RECLINATA, and PUMILA, 12-15-in., 4-in. pots, $15.00 100; 15-18-in., several lvs. showing character, 5-in. pots, $25.00 100.
PHOENIX RUPICOLA, 18-24-in., several char. lvs., 5-in. pots, $35.00 100.
ARECA LUTESCENS, 24-30-in., 5-in. pots, $30.00 100.
FICUS ELASTICA, 10-12-in., top cuttings, $20.00 100.
Not less than 50 of a kind at above prices.
P. J. BERCKMANS CO., Augusta, Ga.

Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right.
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PALMS. Largest and hardiest grown stock, in all sizes and varieties, at greatly reduced prices. Send for catalogue.
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Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots, 75c. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

We have the finest stock of PALMS in the country. Write for prices.
BOBBINK & ATKINS, Rutherford, N. J.

Areca lutescens, fine stocky plants, 7-in. pots, 75c each. Cash.
Livingston Seed Co., Columbus, Ohio.

Kentias, good, 50c, 75c and $1.00 each.
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PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

The famous JENNINGS' strain of pansies. Large plants ready to bloom Oct. 1, $1.00 100, $8.00 per 1000. Cash.
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Zirngiebel's GIANT pansy plants. $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out.
Denys Zirngiebel, Needham, Mass.

500,000 PANSIES, finest market strain grown. Awarded first-class certificate of merit by the Mass. Horticultural Society.
ATTENTION is called to these facts:
This strain is the result of over twenty years' careful selection.
The seed was saved this year from over 12,000 plants, the finest among the 500,000 flowered and sold last spring.
Particular attention is always paid to form and substance as well as size and color. The colors will be found very evenly proportioned, including rich selfs, brilliant variegations and many novel shades—no dull, mixed sorts.
Our pansies have for many years held the highest reputation in the Boston and Eastern New England markets and we confidently believe will be found the most satisfactory strain ever offered for florists' use.
Two of our customers write us as follows:
Boston, Mass.
Mr. I. E. Coburn, Dear Sir:—The pansies you have supplied us with have been the means of largely increasing the demand for these plants. The colors, size and form have been the admiration of all our patrons who have had them.
Yours truly, SCHLEGEL & FOTTLER CO.,
Seedsmen, 26 South Market Street.
Boston, Mass.
Mr. I. E. Coburn:—We have handled several thousand baskets of your pansies for the past four years and find them superior in size, color and variety to any grown in this section.
J. A. BRYANT & CO.,
Commission Merchants, Faneuil Hall Market.
We offer a limited number of young plants for sale this fall.
Nice plants from seed bed, $5.00 per 1000. Transplanted plants after September 1st. $6.00, $8.00, $10.00 per 1000, according to size.
By express only. Cash with order.
I. E. COBURN, 291 Ferry St., Everett, Mass.

100,000 pansy plants, best in the country, at $3.00 and $4.00 per 1,000. 10,000 ready now. No order for less than 500 accepted. A. Wenisch, Duncombe av., Williamsbridge, New York city.

Herr's Pansies are good pansies—the kind that brings money when they come into bloom. Free by mail, 75c per 100; by express, at your expense, $4.00 per 1000.
ALBERT M. HERR, Lancaster, Pa.

Pansies, selected strain, fine, stocky plants, $4.00 per 1000; 10,000 for $35.00. Cash with order. Alfred Funke, Evergreen, Bergen Ave., nr. Cypress Ave., L. I., N. Y.

Pansy plants, ready Oct. 1, $3.00 1000, 60c 100. Jos. H. Cunningham, Delaware, Ohio.

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Phrynium variegata, 4-in., $15.00 100. Cash.
Livingston Seed Co., Columbus, O.

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Poinsettias, fine strong plants, 2½-in., $8.00 per 100. Will make the very best plants for Christmas sales.
WM. SCOTT, Main & Balcom Sts. Buffalo, N. Y.

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Improved Chinese primroses, finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-in. $2.00 100. Extras added liberally. Cash.
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Primula obconica grandiflora, alba and rosea (mixed only), very strong, 2-in. $2.00 100; 3-in., very strong, ready for 4 or 5 in., $5.00 100.
N. O. Caswell, Delavan, Ill.

Primulas obconica grandiflora alba and rosea, ready for 5-in. pots, fine plants, $8.00 100. Cash, please. G. M. Naumann, 532 Doan St., Cleveland, O.

Primroses, from finest imported seed, white, light pink, scarlet and blue. 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

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Primroses. Chinese, Obconica grandiflora and Forbesi, $2.00 100. Cash.
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Baby primroses, 2½-inch, $3.00 100.
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Resurrection plants.	100	1000
12-14 in. circum.	$2.00	$15.00
15-18 " "	3.00	20.00
20-25 " "	4.00	25.00
30-35 " "	5.00	40.00

Prices include prepayment by parcel-post.
J. A. McDOWELL, Ap. 167 City of Mexico.

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Rose plants, extra fine, for winter bloom.

	100	1000
1500 Golden Gates, 3-in.	$5.00	$40.00
1500 Meteors, 3-in.	5.00	40.00
1500 Kaiserins, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order.

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Must sell. Fine healthy stock. Maids and Gates, 3-in., $4.00 100, $45.00 1000; 2½-in., $3.00 100, $25.00 1000. Brides, 3-in., $5.00 100. Some Beauties and Perles, $5.00 100.

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CLEARANCE SALE AT SACRIFICE PRICES.

Strong, clean plants:	100.	1000.
Brides, Kaiserins, 3-in.	$4.00	$35.00
Gates, Meteors, 3-in.	4.00	35.00
Maids, Brides, 2-in.	2.00	20.00

W. H. GULLETT & SONS, Lincoln, Ill.

LOOK! LOOK!!

Roses ready for planting, good heavy stock: Perles, Brides, Maids, Gates, Wootton, 3-in., $5.00 per 100; 4-in., $8.00 100.

EVENDEN BROS., Williamsport, Pa.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.

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MANETTI stock. English, $12.00 1000; French, $10.00 1000. Special price on large quantities.

Bobbink & Atkins, Rutherford, N. J.

MANETTI rose stocks. English-grown, especially graded for florists' grafting. Thomas Meehan & Sons, Inc., Dreshertown, Pa.

Brides and Meteors, 3-in., $2.50 100, $19.00 1000. Elegant stock—never offered better. Cash.

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Bride and Maid roses, 3-in., $3.00 per 100, $30.00 per 1000. Cash with order.

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Field-grown roses in large quantities. Very fine. Write for prices.

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Roses, 1000 Bride and Bridesmaid, 3-in. pots. The lot for $20.00.

Robt. Chesney, Montclair, N. J.

Bride, Bridesmaid and Golden Gate, 4-inch pots. $5.50 per 100.

Brookside Greenhouses, Reading, Pa.

200 Brides and Maids, strong, healthy 4-in. stock, $4.00 100.

Chas. Frueh & Sons, Saginaw, Mich.

IVORY ROSES. Fine, strong 4-in. pot plants, $15.00 100.

Isaac H. Moss, Govanstown, Baltimore, Md.

Manetti stocks for fall delivery.

HIRAM T. JONES Elizabeth, N. J.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

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Ficus elastica, 50 or more from 1 to 2½ ft. high, fine plants, at $3.00 to $6.00 per doz. Will sell the whole lot cheap to one party.

C. G. Nanz, Owensboro, Ky.

Ficus elastica, 18 to 24-in. high, 6-in. pots, $4.00 and $5.00 doz.

Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Ficus, well-established, 30c, 40c and 50c; extra good value.

JOHN SCOTT, Brooklyn, N. Y.

SEEDS.

Pansy seed that comes true to description.

	¼ oz.
Finest French giant-flowered strains	$1.00
Finest German strains	1.00
Bordered, large-flowered German	1.00
Finest velvety, rich colors	1.00
Finest dark yellow, three-spotted	1.00
Woodbury's white, best large-flowered	1.50
Woodbury's special mixture	1.25

Trade packet of any of above, 50 cts.

D. B. WOODBURY, Pansy Specialist, So. Paris, Me.

PANSY SEED. Mammoth Butterfly, very fine, 1000 seeds 25c. Choice named varieties, ⅛ oz. 75c, ½ oz. $2.50, oz. $4.00. Extra choice mixture, 20 varieties, trade pkt. 35c., oz. $4.00. Giant Trimardeau, high-grade mixture, oz. 75c. Giant Trimardeau, named colors, 20 var., 75c to $4.00 oz. Above are imported direct from best growers. Seed all tested.

J. C. MURRAY, Seedsman, Peoria, Ill.

Pedigreed seed from Rosecroft Gardens. Cyclamen, 125 to 150 seeds to a pkt., $1.00 per pkt. Primula sinensis, 300 to 400 seeds to a pkt., double and single, mixed, $1.00 per pkt. Primula obconica grandiflora, 800 to 1000 seeds to the pkt., white and deep rose, mixed, $1.00 per pkt. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Johnson & Stokes' KINGLY COLLECTION of pansy seed comprises all the best sorts, which makes it the best strain offered; 1,000 seeds, 30c; 2,000 seeds, 50c; 5,000 seeds, $1.00; oz., $5.00. Send for our new bulb and flower seed list.

Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

New crop pansy seed—Superb show mixture, ⅛ oz. 75c, oz. $5.00. Finest giant strains, oz. $2.50; in mixture, oz. $2.00. Cineraria seed—Giant prize, mixed, trade pkt. 75c. New large-flowered, striped, pkt. 25c.

W. C. BECKERT, Allegheny, Pa.

Cyclamen persicum seed, $4.00 1000 seeds. Asparagus Sprengeri seed, $1.75 1000 seeds. Prize strain pansy seed, Bugnot, Cassier and Odier mixed, or Giant Trimardeau, $2.00 oz. All fresh seed. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen persicum giganteum seed, recently received from the most noted European specialist. For colors and prices see displayed adv. in this issue.

H. A. DREER, Philadelphia, Pa.

New crop of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 oz. A. Sprengerl, $1.50 1000. Giant pansy, mixed, $1.00 oz., $10.00 lb.

California Carnation Co., Loomis, Cal.

Fresh Kentia Belmoreana or Forsteriana seed, 50c 100, $4.00 1000, $17.50 5000. Asparagus Sprengeri, 30c 100, $2.00 1000. Sweet pea, all florists' sorts, 5c oz., 10c ¼ lb., 25c lb. H. H. Berger & Co., 47 Barclay St., New York.

Cyclamen gig. seeds. Our own well-known strain. In separate colors, $7.00 per 1000 seeds, 75c per 100 seeds.

Lehnig & Winnefeld, Hackensack, N. J.

Giant Pansy seed; large-flowering varieties, 5000 seeds, $1.00; half pkt., 50c.

JOHN F. RUPP, Shiremanstown, Pa.

The famous JENNINGS' strain of pansy seed, $1.00 pkt., $5.00 oz. Cash.

E. B. Jennings, Box 254, Southport, Conn.

Wholesale price list for florists and market gardeners.

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Pansy seed, Ne plus ultra strain, $4.00 oz. Cash.

Jos. H. Cunningham, Delaware, Ohio.

Zirnglebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirnglebel, Needham, Mass.

SMILAX.

Smilax, strong and bushy, 2-in., $1.00 100, $9.00 1000; 3-in., $2.50 100, $20.00 1000. Cash, please. Samples 10c. R. Kilbourn, Clinton, N. Y.

Smilax. 3000 strong 2½-in. pots, been cut back twice. $2.00 per 100; $15.00 per 1000. Cash with order.

H. P. Owen, Toughkenamon, Pa.

Smilax. Big, strong plants ready to run; they are fine and will surely please you. $1.50 100; $13.00 1000. C. Humfeld, Clay Center, Kan.

25000 extra strong smilax plants, 2¼-in., ready for planting, $1.00 100, $8.00 1000.

BUCKLEY PLANT CO., Springfield, Ill.

2000 smilax clumps, 1 year old, $10.00 per 1000; $1.25 per 100. Cash with order.

H. P. Owen, Toughkenamon, Pa.

600 strong, bushy smilax plants in 3-in. pots for $6.00. Per 100, $1.25.

A. J. PENNOCK, Lansdowne, Pa.

Smilax, strong, ready to branch, 2-in. $1.00 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Smilax, extra strong; 2½-in. pots, $1.50 per 100. Samuel S. Peckham, Fairhaven, Mass.

Smilax ready for benching, 2½-in. $1.00 100, $10.00 1000. John Brod, Niles Center, Ill.

SMILAX, 2000 strong 2½-in. $15.00 1000, $2.00 100. Murray The Florist, Peoria, Ill.

Smilax, strong, heavy 1 year plants, $3.00 100. F. A. Baller, Bloomington, Ill.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C. Betscher, Canal Dover, O.

Smilax, stroog 2-in. To close out, $1.00 100. Geo. M. Emmans, Newton, N. J.

Smilax, strong plants, $1.50 per 100.

C. L. Reese, Springfield, Ohio.

Smilax, 3-in., $3.00 100; $20.00 1,000.

Crabb & Hunter, Grand Rapids, Mich.

Smilax, strong 3-in., $3.00 100.

EVENDEN BROS., Williamsport, Pa.

Smilax, good, 2½-in., $2.00 100.

Harry White, R. R. No. 6, Wabash, Ind.

Smilax, 15c per string.

A. N. PIERSON, Cromwell, Conn.

Smilax, 2-in., $1.00 100.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Smilax, fine 2-in., $1.50 100, $13.00 1000.

S. T. Dauley, Macomb, Ill.

For elegant smilax, write

Geo. A. Kuhl, Pekin, Ill.

SWAINSONAS.

Swainsona alba, 2¼-in., $2.00 100. Cash.

R. Vincent Jr. & Son, White Marsh, Md.

UMBRELLA PLANTS.

Cyperus alternifolius, outdoor-grown, 3-in., ready for a shift, $4.00 100. N. Smith & Son, Adrian, Mich.

A few fine Cyperus alternifolius left, 3-in. $4.00 per 100. W. W. Dedrick, Ashley, Ind.

Umbrella plants, 4-in., $4.00 100. Cash.

Livingston Seed Co., Columbus, O.

VEGETABLE PLANTS.

Tomatoes will be a profitable crop this winter. September, the month to plant. Our own strain, early, heavy, prolific Lorillard has stood the test four years without club-root or blight here, and no complaint from the thousands sent out. We offer strong 3-in. pot plants at $2.00 per 100. Cash with order.

RONEY BROS., West Grove, Pa.

Celery, strong transplanted stock, $1.00 1000, just to close out. Larger lots cheaper yet. Write us if you have room for any. W. Plume, G. Self-blanching and Golden Heart. R. Kilbourn, Clinton, N. Y.

2500 selected Mayflower and Lorillard tomato plants, 3-in. pots, 10 to 12 inches from top of pot, strong, $3.00 100. Cash, please.

E. J. Cloud, Avondale, Pa.

VEGETABLE PLANTS. All vegetable plants in their season, by the 100, 1000 or 10,000.

R. VINCENT, JR. & SON, White Marsh, Md.

VERBENAS.

Lemon verbenas, 2¼-in., $2.00 100. Cash.

R. Vincent Jr. & Son, White Marsh, Md.

VIOLETS.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.

SWAN PETERSON FLORAL CO., Gibson City, Ill.

Healthy field-grown Campbell violets now ready. No. 1, $3.00 per 100, $25.00 per 1000; No. 2, good plants, $1.50 per 100, $13.00 per 1000. Packed to carry safely. Cash with order from unknown parties.

CHAS. BLACK, Hightstown, N. J.

Princess of Wales and California violets, extra strong field-grown plants, $4.00 per 100; $35.00 per 1000.

H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Princess of Wales and Lady Campbell violet plants. Strong field-grown clumps from sand struck cuttings, ready September 1, $5.00 per 100, $40.00 per 1000. Samples 10 cents.

The Albert H. Brown Co., Westboro, Mass.

Marie Louise, Campbell and Swanley White, 2½-in., strong, $3.00 100, $25.00 1000. California, field clumps, $3.00 100. $25.00 1000. All fit to bench now. Cash. Benj. Connell, West Grove, Pa.

Princess of Wales, field-grown clumps, $5.00 100; 2nd size, $3.00 100. California, field-grown, $3.00 100. Lady Campbell, pot-grown, extra strong, 3-in., $3.50 100. N. Smith & Son, Adrian, Mich.

Violets. Fine, large field clumps of hardy English (dbl. dark blue), $1.75 per doz., $10.00 per 100. Marie Louise and Campbell, $3.00 per 100.

GEO. ENGEL, Xenia, Ohio.

10,000 violet plants, 3000 Farquhar and 7000 Lady Campbell. Strong, field-grown clumps, clean and healthy. $5.00 per 100; $15.00 per 1000.

Herm. Bowman, Box 404, White Plains, N. Y.

Grand Rapids violets. Field-grown Lady Campbell and Swanley White at $4.00 per 100, $35.00 per 1000. Sample 10c. Cash with order. Eli Cross, Grand Rapids, Mich.

Campbell violets, field-grown, strong and free from disease, $4.00 100, $35.00 1000.

E. R. Lowe, 42 Summer St., W. Roxbury, Mass

Extra fine field-grown Lady Hume Campbell violets, $3.00 100, $25.00 1000. 250 at 1000 rate. Cash with order, please.

E. J. Cloud, Avondale, Pa.

Campbell violet clumps, field-grown, at $3.00 100. Ready now, clean and healthy. By the violet grower, A. B. Campbell, Cochranville, Pa.

Imperial violets, from 3-in. pots, good, healthy stock. $5.00 per 100; $45.00 per 1000. Cash with order. W. C. Pray & Co., Kinkora, N. J.

Princess of Wales and Marie Louise violet plants, strong field-grown, $4.50 100, $40.00 1000. Cash. Loeffler Bros., Watertown, Wis.

Violets. Large California violets, strong field-grown clumps, $4.00 per 100; from 2½-in. pots, $2.50 per 100.
Brookside Greenhouses, Reading, Pa.

Violets, Marie Louise. 2½-in. pots, strong, $2.50 per 100; $20.00 per 1000. Cash.
SEIDEWITZ, 36 West Lexington St., Baltimore, Md.

Imperial, M. Louise and Swanley White, 3-in., $3.75 100; $35.00 1,000. Crabb & Hunter, Grand Rapids, Mich.

Lady Campbell violets, field-grown, $4.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Violets, extra fine field-grown Lady Campbell and California, $3.50 100. Cash.
EDW. AMERPOHL, Janesville, Wis.

MARIE LOUISE violets, fine, healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Marie Louise violets, strong, clean, healthy plants, $2.50 100, $20.00 1000.
J. B. RUDY, Elmira, N. Y.

1000 good Marie Louise violets, from flats, $2.00 100, $15.00 1000.
John Curwen, Glen Head, L. I., N. Y.

10,000 Marie Louise violets, 2½-in. pots, $25.00 per 100.
Robt. Chesney, Montclair, N. J.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

TO EXCHANGE.

To Exchange—5-inch Latania Borbonica palms for carnation plants. Greensburg Floral Co., Greensburg, Ind.

BABY GREENHOUSES.

Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express. 16 and 18 lbs.
SIEBRECHT & SON, New Rochelle, N. Y.

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WILL OUT-LAST YOU.
Something new in bench tile. Light, strong and never rots. Cheap as lumber in first cost. Harbors no insects, does not swell, shrink or warp, gives good drainage and yet holds moisture. Send for sample and price to
JAMES FROST, Greenville, Darke Co., Ohio.

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This is a favorable time to procure supply for fall trade. Write for samples and special prices to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

We are headquarters for raffia.
Meehan & Sons, Inc., Dreshertown, Pa.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.,

Our box sells on its merits.
Send for sample.
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Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns, $1.00 per 1000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Fancy and Dagger Ferns, 50c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Millington, Mass.

Fancy and Dagger ferns, wild smilax, evergreens, mosses, holly, etc. Low prices. Garland Evergreen Co., Garland, Ala.

Fancy ferns, $1.00 per 1000; discount on large orders. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

Fancy and Dagger ferns, evergreens, etc. Good stock, low prices. A. J. Fellouris, 330 East 33rd St., New York.

For hardy cut Fancy and Dagger ferns, mosses, laurel, etc., write H. J. Smith, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
McKELLAR & WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone Meal, best for roses and carnations, at $3.50 per 200 lb. bag, or $32.50 per ton.
ALBERT M. HERR, Lancaster, Pa.

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Wax Flowers and Wax Floral Designs.
J. Stern, 1928 Germantown Ave., Phila., Pa.

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Krick's florists' letters, emblems, designs, etc. Give them a trial. Best on the market.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

GALAX LEAVES.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GREEN GALAX LEAVES, postage prepaid, 60c per 1000. H. H. Hill, Victoria, Macon Co., North Carolina.

Bronze galax leaves, $1.00 per 1000. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

Galax, bronze or green, $1.00 per 1000. A. J. Fellouris, 330 East 33rd St., New York.

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Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 30 Sudbury St., Boston, Mass.

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Good Hose. J. G. & A. Ealer, Saddle River, N. J.

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NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Rose lice, red spider and mildew on rose bushes prevented by SULPHO-TOBACCO SOAP. Write for our special offer to florists.
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Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

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Wooden labels. All kinds of tree and plant labels.
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GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

POTS

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

POT HANGERS.

Krick's flower pot hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. By mail 10c extra per doz. Sample pair, 10c postpaid.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Fresh, clean, 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

TIN FOIL

American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 180 Grand St., New York.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Galvanized wire flower stakes. Any length or size desired.
John A. Roebling's Sons Co., 171 Lake St., Chicago.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Brucn Mfg. Co., 208 Jersey St., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

AMERICAN CARNATION SOCIETY.

Registration.

"The Queen," by Thos. Coles, Mgr. of Little South Floral Co., South Natick, Mass. A white seedling.
ALBERT M. HERR, Sec'y.
Lancaster, Pa.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Nathan Smith & Son, Adrian, Mich., register a Japanese chrysanthemum, named F. J. Taggart; color, yellow; form, incurved.
EDWIN LONSDALE, Secretary.

NASHUA, N. H.—The principal winners of premiums in the horticultural department of the Nashua Fair were Aug. Gaedeke & Co., Chas. J. Bell, J. F. Hammar and Mrs. H. A. Morse.

THE wholesale price list of bulbs, decorative plants, azaleas, etc., recently issued by the Walter Mott Seed & Bulb Company, Jamestown, N. Y., is very attractively gotten up and illustrated.

PITTSBURG.

Club Meeting.

The regular monthly meeting of the Florists' Club was held at its hall, Tuesday evening, 2nd inst. Nine new members were elected and three names proposed for membership.

Mr. E. C. Reineman gave a very interesting account of his visit to the S. A. F. convention at Asheville. He and Treasurer Beatty were the only members there from Pittsburg. He went by way of Cincinnati, where he fell in with the florists from Detroit, Chicago and other western points, and the Cincinnati boys treated them joyously and bountifully. But he was bitter about the hotel accommodations at Asheville. He and many others had to seek accommodations with private families. He thought it unfortunate that the meeting and exhibition rooms should be in the same building. But the meetings were well attended. The exhibits were excellent; better than he expected to find. He gave the Pierson nephrolepis fern most unstinted praise. The scenery was grand; the heat was severe.

While the Vanderbilt place was the great sight of the town, the greenhouses were not open to his party, and visiting the grounds was restricted to certain miles. The sympathy of the whole convention went out to John Burton, the absent president, and his reelection was from the heart and unanimous. Milwaukee gets the convention next year.

In a little after discussion the members thought Cincinnati would follow Milwaukee, then would come Baltimore or Washington, and after that, what think you of the Smoky City?

Julius Ludwig did a fine business last winter and made lots of money, so, taking his wife along, he had an extended vacation this summer, and he told us much about it. He told us about the parks, gardens and cemeteries of Buffalo. He spent a week in Rochester. He was astonished at the shrubbery gardens in Highland Park, the natural beauties of Genesee Park, the herbaceous collection, notably of phloxes, at Ellwanger & Barry's, the hardy flowers at Keller's, and the vivid fields of Vick & Hill Co.

Then he visited the Albany parks and enjoyed the beauties of the Hudson River between Albany and New York. He was delighted with the Bronx Parks and told us about lion houses that cost $140 000, outdoor bird cages built over the heads of tall trees, and enclosing little lakes and so on. But the mosquitoes there were terrific and raised bumps on his face as big as a half dollar. They drove him out of the parks and he got a carriage and fled to the Botanical Garden. Here are the most spacious conservatories in America, quite new, and filled with a vast assortment of exotic plants, but Julius wouldn't stop to look at them, the mosquitoes had most devoured him, the weather was hot, and at the sight of a greenhouse his pores wide open flew.

Next day found him in Prospect Park, Brooklyn. Here were the loveliest pieces of landscape architecture he had ever beheld, with its magnificent lawns, noble trees, massed shrubberies, water gardens and flower gardens, and teeming with women and children, boys and men at play. Then it was time for a bath and his next stopping place was Coney Island. At this world-famous resort a twelve-acre marine park, known as the Six-weeks' Wonder, because it was made up and planted in that short time, had been constructed this year, and it is now aglow with cannas, geraniums and other bedding plants, and a host of giant cacti from Arizona. The president cruelly tried to draw from Julius some account of this brilliant garden, but the man from Allegheny had never seen it. Instead he told us of other queer attractions and emphasized them with a handful of little programs from his pockets for our edification should we go there. But he did see some beautiful gardening at Manhattan Beach.

Mr. Fraser, Mr. Frick's gardener, brought in blossoms of a lot of new bedding geraniums, and from Schenley Park came some hardy flowers. Among the latter a bunch of Heckrottii honeysuckle was particularly admired by the members.

P. A.

Ball's Palms!

Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.

Send Orders Early. I will ship them when wanted.

KENTIA BELMOREANA. 2½-in. pots at $12.00. 3 in. at $15.00 and $20.00 per 100; 4-in. at 30c and 40c; 5-in. at 75c; 6-in. at $1.00 and $1.25; 7-in. at $1.50; 8-in. at $2.00 each. Several strong plants in a pot, bushy, 6-in. at $1.00; 8-in. at $2.00 and $2.50; 9-in. at $3.00; 10-in. at $4.00, $5.00, $6.00 and $7.50.

KENTIA FORSTERIANA. 2½-in. pots at $12.00; 3-in. at $15.00 and $20.00 per 100; 4-in. 30c and 40c; 6-in. at 75c. Several strong plants in a pot, bushy, 6-in. at $1.00; 8-in. at $2.00 and $3.00.

ARECA LUTESCENS. 2½-in. pots at $6.00; 3-in. at $10.00; 4-in. at $17.50 per 100. Several in a pot, very bushy, 6-in. at 50c, 75c and $1.00; 8-in. at $2.00 and $3.00; 10-in. at $4.00 and $5.00; 12-in. at $7.50.

LATANIA BORBONICA. 2½-in. at $4.00; 3-in. at $8.00 per 100; 4-in. strong at 25c; 6-in. at 50c; 8-in. at $1.50.

PHOENIX CANARIENSIS. 8-in. pots at $2.00 and $2.50; 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.

ARAUCARIA EXCELSA. 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.

ARAUCARIA ROBUSTA COMPACTA. 16 to 18-in. high, 3 to 4 tiers, at $2.00; 18 to 20-in. high, 4 tiers, $2.50.

PANDANUS VEITCHII. 6-in. at $1.00.

PANDANUS UTILIS. 4-in. at 20c; 6-in. at 50c and 75c; 8-in. at $1.00.

COCOS WEDDELIANA, FICUS ELASTICA, DRACAENA SANDERIANA, Etc.

Descriptive Price List on Application.

CHAS. D. BALL,

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

THE BOSTON FLOWER MARKET.

I had two hours in Boston one morning last week and by doing some lively hopping around I managed to spend thirty minutes of that time in the flower market. I reached the place a little before 7 a. m. and found most of the stock ready for inspection; a few of the late growers were just coming in with their boxes, and a few of the early buyers were leaving with their flowers. The scene was very animated but the growers assured me business was rotten. This seemed a good time to find out whether they were satisfied with their market or wanted to return to the old days of peddling. They all emphatically declared that even when business was dull the market was the only place to sell stuff. I was told that while some peddling was still done every firm in Boston dealt with the market and that its business extended from Portland, Maine, on the north, to the Connecticut towns on the south. Shipping business does not appear to have been developed to any extent yet.

There are 134 stalls, all rented, with some 40 or more growers on the street who would come in if there was room for them. The Waban Conservatories, that for some time held aloof, have been represented in this market for the past three years. Quite a number of boxes are not opened in the market at all, the stock contained in these boxes being sold on regular orders and taken by the buyers when they get their other stuff. The stalls that command high premiums are those near the front; they being more easily reached and seen when the place is crowded.

The manager said that the stock left in his charge was now sold on a 10 per cent. basis, and that he personally was responsible to the company for the collection of all bills for stuff sold by him. He added that he had not yet lost a dollar during several years' business. The grower who leaves his flowers, names his price; the stock is sold by numbers (names are not used), and paid for monthly.

The president was busy selling his stuff, but he made time to give me some valuable information. He believed it very important to have everything in the market, even to ferns and wire work, that a buyer might get all he wanted quickly. He thought more attention should be paid to shipping. He believed voting should be done by individuals, not by shares, and that commission men should not be invited to join the market as their interests were not the same as those of the growers. The prices appear to be more even since the market started than during the days when peddling flourished.

I left feeling that a good market is a necessity to both seller and buyer that we in Philadelphia should have now.

PHIL.

NORTHAMPTON, MASS.

A. Parks has again opened a store on Main street. Trade in general is fair. We all look forward to the opening of Smith College, which takes place this month. Weather fine.

INO.

CHICAGO, ILLS., September 10th, 1902.

TO FLORISTS ONLY:

We promise to send free, for six months, weekly editions of our Florists' Bulletin, to the following address:

Name_____

City_____

Street No._____ State_____

If you are **interested** in the Chicago Market on Cut Flowers, Seeds, Bulbs, Plants and Florists' Supplies, fill in your name and address in the above blank, tear out and mail to

McKELLAR & WINTERSON CO.

45 Wabash Ave., CHICAGO, ILLS.

We will INTEREST you weekly.

Mention The Review when you write.

Eucharis Grandiflora

It is a mistake to associate this flower with Eucharis Amazonica. The free-blooming qualities of the grandiflora are so much superior that the other cannot be brought in comparison at all except through its similar beautiful flowers. Eucharis Grandiflora will give five crops of bloom, properly handled, to one of Amazonica. It is one of the most profitable and successful flowers for florists to grow who wish something fine for funeral and wedding work.

A stock of bulbs once secured and let alone will produce from time to time through the season a beautiful show of flowers that can be compared to no other white flower for beauty and fragrance. It is both delicate in texture and fragrance, and its lasting qualities are superior to most of the white flowers of this class. It only needs a warm, shady corner of the house and very little care and the blooms will come in at seasons when white flowers are very scarce.

We still have a supply left and prices are offered the same as in former advertisement. $2.50 for large clumps of 15 to 20 bulbs, which are in bloom at the present time, and $10.00 per 100 for single flowering bulbs. The clumps will bloom again for the holidays with proper handling.

Sample flowers, with full instructions for growing, will accompany all purchases.

All orders cash.

"CRITCHELL'S"

Avondale, CINCINNATI, OHIO.

Mention The Review when you write.

PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:

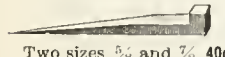
"The largest and finest colored flowers we have ever seen."

100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00 separate colors same price. Large plants ready to bloom Oct. 1. $1.00 per 100; $8.00 per 1000. Seed, $1.00 per pkt.; $5.00 per oz. **Cash with order.**

E. B. JENNINGS, Lock Box 254, **Southport, Conn.**

GROWER OF THE FINEST PANSIES.

Mention The Review when you write.



SIEBERT'S ZINC NEVER RUST GLAZING POINTS

Two sizes, ⅝ and ⅞. 40c a lb.; by mail 16c extra. 7 lbs. for $2.50; 15 lbs. for $5.00, by express.

Over 6,000 lbs. now in use. For sale by seedsmen or

CHAS. T. SIEBERT, Sta. B, Pittsburg, Pa.

Mention The Review when you write.

BOSTON FERNS

Extra fine, **from pots,** cool grown, very bushy, **good plants,** in any quantity. $50.00, $75.00, $100.00, $150.00 per 100. Stock ready for immediate decorative purposes.

Seedling Ferns,

Good commercial varieties, $10.00 per 1000. For September delivery only.

FERNS in pots, $3.50 per 100; $30.00 per 1000.

FICUS, **30c, 40c and 50c.** Extra good value, well established.

JOHN SCOTT, Brooklyn, N. Y.

TELEPHONE No. 1207 WILLIAMSBURG.

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Hardy Myrtle

Grand Stock, Extra Strong, Field-Grown.

$6.00 per 100; **$50.00** per 1000.

ABUTILON SAVITZII.

2-in. pots $3.00 per 100, 3-in. pots $6.00 per 100. Elegant plants for stock. Supply limited.

A. L. MILLER, Station E, **Brooklyn, N. Y.**

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PRIMROSES!

IMPROVED CHINESE. Finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-inch pots, $2.00 per 100. Extras added liberally. Be sure to name your express office.

GIANT PANSY SEED.

The best large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50 cts.

JOHN F. RUPP, SHIREMANSTOWN, PA.

The Home of Primroses.

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WHEN IN NEED OF

BOXES

Try our improved folding box, with superior white finish and improved corner lock.

☞Samples free on application. No charge for printing in 500 lots or over.

C. C. POLLWORTH CO., Milwaukee, Wis.

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MILWAUKEE.

Trade the past week has been somewhat above the average for this season of the year. Good roses and carnations were cleaned up daily, and as the bulk of the asters has been marketed, most of them which are now coming in are kept moving at fair prices. Carnations are extremely scarce, especially whites. The average returns on outdoor stock has been below former years, which is mainly due to the favorable season for growing. Asters, in particular, throve like weeds and at various times had to go at pretty low figures to save them from the dump. The past two or three weeks have been exceedingly dry and growers are anxious for rain, as many have not yet housed their carnations and the soil is too dry to take them up.

The crack bowlers among the florists have entered a team in the city league and will be known as the Imperials. The boys will keep in shape until next convention time and expect to be inside of the prize limit when the smoke clears away.

The State Fair, Jahrmarkt and opening of the exposition are attractions for this week, and the low railroad fares will induce many of the trade in the state to visit Milwaukee this week.

Visitors the past week: B. Eschner and M. Reukauf, Philadelphia; Edward C. Buechel, of Riessen Floral Co., St. Louis; H. L. Clapp, Ripon, Wis.; Mrs. A. Guillaume and daughter, La Crosse, Wis.

Later arrivals: Edw. Amerpohl and wife, Janesville, Wis.; Carl Meier, Green Bay, Wis.; N. Grievelding, Merrill, Wis.; Peter Phillip, Rhinelander, Wis.; Miles Meidam and Dennis Meidam, Appleton, Wis.; A. Senff, Menominee, Mich.; Geo. Vatter, Marinette, Wis.; H. L. Clapp, Ripon, Wis. Incog.

A copy of the new trade catalogue of H. H. Berger & Co., New York, has reached us. It is very neatly printed and illustrated and contains a very complete list of bulbs, seeds and plants for florists. The list of Japanese bulbs and plants is especially interesting. This firm has for many years made a specialty of these, being the pioneer importers of same.

St. Cloud, Minn.—The Kindler Floral Co. reports a fine trade since it started in the business here, and considers the prospects for a good season very encouraging.

PRIMROSES

	Per 100
Chinese	$2.00
Obconica Grand	2.00
Forbesi	2.00

Asparagus { Sprengeri, 2-inch pots 2.00; Plumosus " " 3.00

CINERARIAS, now ready 2.00

PANSY PLANTS, ready October 1st, $3.00 per 1000 .60

NARCISSUS, Paper White Grandiflora 1.00

CASH OR C. O. D.

JOS. H. CUNNINGHAM, - DELAWARE, OHIO.

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Poinsettias.

Fine strong plants, from 2½-in. pots.

At $8 00 per 100. These will make the very best plants for Christmas sales.

Wm. Scott, Main and Balcom Streets, **Buffalo, N. Y.**

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Smilax!

Strong plants, 2½-in. pots, ready for benching, $1.00 per 100; $10.00 per 1000

JOHN BROD, Niles Center, Ill.

Pansy Seed.

Mammoth Butterfly, very fine. 1000 seeds, 25c. Choice named varieties, ⅛ oz., 75c.; ½ oz., $2.50; oz., $4.00. Extra choice mixture, 20 var.; trade pkt., 35c.; oz., $4.00. Giant Trimardeau, high grade mixture, per oz., 75c. Giant Trimardeau, named colors, 75c. to $4.00 per oz., 20 var. Above are imported direct from best growers. Seed all tested. JAS. C. MURRAY, Seedsman, Peoria, Ill.

WALTER MOTT SEED & BULB CO., Jamestown, N. Y.

SEND FOR CATALOGUE.

CARNATIONS! Strong plants from well drained soil.

Flora Hill, price per 100, 1st size, $6 00; 2nd size, $3.50. Mrs F. Joost, Ethel Crocker, Mrs. J. Dean, John Young, price per 100, 1st size, $5.00; 2nd size, $3 00.

1000 Good Marie Louise VIOLETS

From flats, $2.00 per 100; $15.00 per 1000.

JOHN CURWEN, Glen Head, L. I., N.Y.

We have the largest stock of

ARAUCARIA EXCELSA

In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above	$0.50
5½-in. pots, 12 to 14 inches	.60c to .75
6-in. pots, 15 to 18 inches	.75c to 1.00
Specimen	1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots	.75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen	from $4.00 to 5.00
Boston Ferns, 6-in. pots	.40

Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants
1012 Ontario St., PHILADELPHIA, PA.

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

Areca Lutescens, Kentia Belmoreana, Kentia Forsteriana and Latania Borbonica.

Price List for the asking.

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YOU OUGHT TO TRY

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at $3.75 per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

Always mention the Florists' Review when writing advertisers.

DREER'S FINE FERNS!

Now is the time to lay in your supply of FERNS. We have in stock over one-half million plants grown in open frames, well-hardened and in prime condition to grow on for the coming season's use.

Microlepia Hirta Cristata.

	In. Pots.	Per 100	Per 1000
Adiantum Cuneatum	2	$3.50	$30.00
" "	3	6.00	50.00
" " Variegatum	2	4.00	.....
" " "	3	6.00	.....
" Charlottæ	2	4.00	30.00
" "	3	6.00	.
" Decorum	2	3.50	30.00
" "	3	6.00	50.00
" Farleyense	2	8.00	.....
" "	3	15.00	.....
" Grandiceps	2	3.50	30.00
" "	3	6.00	.. .
" Gracillimum	2	3.50	30.00
" "	3	6.00	50.00
" Pubescens	2	3.00	25.00

	In. Pots.	Per 100	Per 1000
Adiantum Rochfordianum	2	$3.50	$30.00
" "	3	6 00	50.00
" Rhodophyllum	2	5.00	.....
" "	3	8.00	.....
Aspidium Tsussimense	2¼	3.50	30.00
Asplenium Nidus-avis	3	20.00	.....
Blechnum Brazilieuse	2¼	3.50	30.00
" Occidentale	2¼	3 50	30.00
" Rubrum	2¼	3.50	30.00
Cyrtomium Falcatum	2¼	3.50	30.00
" Fortunei	2¼	3.50	30.00
Davallia Stricta	2¼	3.50	30.00
Dicksonia Antarctica	3	8.00	....
Gymnogramme Sulphurea	2¼	5.00	. ...
Lastrea Aristata Variegata	2¼	3.50	30.00
" Chrysoloba	2¼	3.50	30.00
Lygodium Scandens	2¼	4.00	30.00
Microlepia Hirta Cristata	2¼	6.00	.....
" " "	3	10.00	.....
" " "	4	15.00	.....
Nephrolepis Bostoniensis	2¼	4.00	35.00
"	6	40.00	.....
" Cordata Compacta	2¼	4.00	35.00
Onychium Japonicum	2¼	3.50	.....
Platyloma Falcata	2¼	4.00	35.00
Polypodium Aureum	2¼	3.00	25.00
" Areolata	2¼	3.50	30.00
" Fraxinifolia	2¼	3.50	30.00
Polystichum Coriaceum	2¼	4.00	35.00
" Setosum	2¼	3.50	30.00
Pteris Argyraea.	2¼	3.50	30.00
" Cretica Albo-Lineata	2¼	3.50	30.00
" " Magnifica	2¼	3.50	30.00
" Harrisoni	2¼	3.50	30.00
" Internata	2¼	3.50	30.00
" Leptophylla	2¼	3.50	30.00
" Ouvrardi	2¼	3.50	30.00
" Palmata	2¼	3.50	30.00
" Serrulata	2¼	3.00	25.00
" " Cristata	2¼	3.50	30.00
" " Voluta	2¼	3.50	30.00
" Sieboldii	2¼	3.50	30.00
" Wimsetti	2¼	3.50	30.00

Choice Mixed Ferns

Our selection from 2¼-inch pots $3.00 per 100; $25.00 per 1000; $100.00 per 5000.

Seedling Ferns in Flats.

The following varieties can be supplied in flats containing about 200 plants each, at $2.00 per flat. These are thrifty young plants, in excellent condition to pot up at once. Adiantum Grandiceps, Lomaria Gibba, Lygodium Japonicum, Onychium Japonicum, and the following, Pteris, Argentea, Albo Lineata, Magnifica, Wimsetti, Adiantoides, Ouvrardi, Serrulata, Serrulata Cristata, and Sieboldii.

The Pierson Fern—Nephrolepis Piersoni.

We are now booking orders for early spring delivery of this most valuable Fern introduced in many years at $9.00 per dozen, 50 plants at 60 cents each; 100 plants at 50 cents each; 500 plants at 45 cents each; 1000 plants at 40 cents each.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

ASPARAGUS.

Plumosus, strong, 2¼-inch pots .....$3.00 per 100.
Sprengeri, from seed beds ..... 1.00 "

PANSY Seed. "Ne Plus Ultra" strain, $4.00 per oz.
Cash or C. O. D.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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Michigan Seed Co.

WHOLESALE GROWERS

GLADIOLUS, DAHLIA and CANNA Bulbs and Flower Seeds.

SOUTH HAVEN, MICHIGAN.

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THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

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Burpee's Seeds Grow

BARGAINS IN ROSES.

Clearance sale at sacrifice prices.

Strong, clean plants.

	100	1000
Brides, Kaiserins, 3-inch	$4.00	$35.00
Golden Gates, Meteors, 3-inch	4 00	35.00
Maids and Brides, 2-inch	2.00	20.00

CARNATIONS—Splendid, branchy plants.

Flora Hill, Marquis, Joost, Armazindy, Triumph, Scott $5.00 per 100; $40.00 per 1000. Mrs. Bradt, $6.00; Prosperity, $8.00.

W. H. GULLETT & SONS, - - Lincoln, Ill.

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Calla and Belladonna

BULBS FOR SALE.

CALIFORNIA NURSERY CO.
NILES, CAL.

Mention The Review when you write.

The New Nephrolepis Fern

ANNA FOSTER

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

BOSTON FERNS, now ready at $25.00 and $50.00 per 100.

L. H. FOSTER, Dorchester, Mass.

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Carnations, Geraniums, Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L.I.

Mention The Review when you write.

B. & A. Specialties.

Dutch, French, Chinese and Japanese Bulbs.

English Manetti, $12.00 per 1000; French Manetti, $10.00 per 1000.
Special prices on large quantities.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Mention The Review when you write.

ROCKFORD, ILL.

The Winnebago County Fair held its annual exhibition here Sept. 2nd to 6th. The floricultural department was for many an important feature. The cut flowers would have done great credit to a more pretentious organization. I have seen in the whole of my experience one exhibit containing no less than sixty-eight distinct varieties of petunias. Among the single kinds were varieties closely resembling dipladenias in size and coloring; others like giant pink fringed Chinese primroses, the flowers with green margins, some fringed and others smooth, with blotches of deepest rose, crimson and purple were equally conspicuous. An immense smooth, round flower five inches in diameter, of the deepest cobalt blue (not purple) reminded one of a giant morning glory. These are only a few of the distinct single kinds. The double kinds presented everything that seems possible. There were hollyhock shapes, pæony shapes and every known variety of fringing. The green ground blotched, both plain and fringed, made one think that some of the petunia family are caricaturists. A variety covered with hairs like Boehmer chrysanthemum, pink and white, probably is the latest departure.

The display of nasturtiums came next. Some of the varieties were brilliant and beautiful. The later introductions must very soon become as much appreciated as the later introductions of sweet peas have been.

Then came the Dianthus, and perhaps no better or larger variety has been exhibited, the intense claret and ruby red colors being most remarkable. Of phloxes, perennial and Drummondii, were also good, as were sweet peas, verbenas and pansies.

There were some good exhibits of vegetables, conspicuous among which was Buckbee's beefsteak. Mr. Buckbee is an active member of the Association. His many friends will be pleased to learn that he is surely recovering from the accident he met with last winter. A visit to the greenhouse department found genial Charley Johnson as modest and unassuming as ever. There are five or six houses of chrysanthemums that are in the finest possible condition. There'll be something doing from Rockford in November. Carnations are in equally good condition. The planting from out of doors began July 17th and most of the plants were housed before the first of August. There is no stem-rot, rust or spider. A 200 foot house of American Beauties and one of the same size of Bridesmaids are far above the average.

John Thorpe.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $4.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $4.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

The GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.

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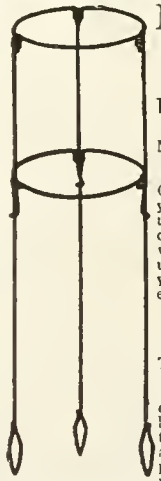

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing, L. I., Dec. 11, 1901.
Mr. Theron N Parker,
Parker-Bruen Mfg Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. Thorne.

La Fayette, Ind., July 8, 1902.
Theron N. Parker,
Harrison, N. J.
Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. Dorner & Sons Co.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO. (Inc.)

208 Jersey Street,

HARRISON, - NEW JERSEY.

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Always Mention the....
Florists' Review
When Writing Advertisers.

CARNATIONS from the ....FIELD.

Fine, strong, healthy plants grown on high ground.

200	PROSPERITY	at $10 00	per 100.
1000	MORNING GLORY	at 8.00	"
350	AMERICA	at 8.00	"
225	MARQUIS	at 8 00	"
75	GOMEZ	at 8.00	"
250	JOOST	at $5.00 and 8.00	"
2500	TRIUMPH	at 5.00	"
1000	WHITE CLOUD	at 5.00	"
100	CROCKER	at 7.00	"
100	MACEO	at 5.00	"
125	GENEVIEVE LORD	at 5.00	"
200	CRANE	at 5.00	"

Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

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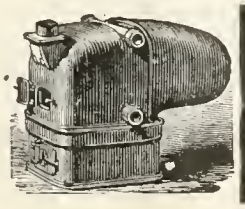
PRIMULAS, Chinese Primroses,

in assorted colors, **$2.00** per 100, fine plants.

ASPARAGUS PLUMOSUS. 2-inch pots, at **$3.00** per 100; **$25 00** per 1000.
PHRYNIUM VARIEGATUM, ont of 4-inch pots, at **$15 00** per 100.
UMBRELLA PLANTS, ont of 4-inch pots, at **$4.00** per 100.
ARECA LUTESCENS, fine stalky plants, out of 7-inch pots, at only **75c** each.

Cash with order.

The Livingston Seed Co., Columbus, O.
Box 104.



HITCHINGS & CO.

233 MERCER ST., NEW YORK.

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings
And Ventilating Apparatus

Send Four Cents for Catalogue.

EXTRA FINE
FIELD-GROWN

Carnation Plants.

1000 White Cloud	$8.00	per 100.
500 Gold Nugget	8.00	"
500 Prosperity	8.00	"
1500 Wm. Scott	5.00	"
2000 Ethel Crocker	5.00	"
300 Gen. Maceo	6.00	"
300 Norway	6.00	"
1000 Mrs. Joost	6.00	"

LEO NIESSEN,

WHOLESALE FLORIST,

N. W. Cor. 13th and Filbert Streets,

PHILADELPHIA, PA.

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CARNATIONS!

Field-Grown Plants.	Doz.	100
Cressbrook, extra strong, early propagated, 1st size	$3.00	$15.00
Cressbrook, extra strong, early propagated, 2d size	2.50	12.00
Norway, extra	1.50	8.00
Prosperity	.50	8.00
Genevieve Lord	1.00	7.00
Egypt	1.00	7.00
Mermaid	1.00	5.00
Goethe	1.00	5.00
Beau Ideal	1.00	5.00

The above are all in good shape, ready for immediate shipment. 25 plants of one variety at 100 rate.

CHRYSANTHEMUMS.

We still have some nice thrifty young stock which we offer at $2.50 per 100, our selection. For list, see issue of August 21.

H. WEBER & SONS, Oakland, Md.

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Carnations!

30 000 strong healthy field-grown plants ready for planting now.

	Per 100	Per 1000
Bradt	$8.00	$70.00
Marquis	6.00	50.00
White Cloud	6.00	50.00
Flora Hill	6.00	50.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00
Pingree	6.00	
Gold Nugget	6.00	

250 of one variety at 1000 rate.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

CARNATION PLANTS.

Strong, Healthy Plants.

Flora Hill, G. Lord, E. Crocker, Queen Louise, White Cloud, $4.50 per 100.

ASPARAGUS PLUMOSUS, fine strong 3-in. plants, ready for a shift, $6.00 per 100.

Van Wert Greenhouses, VAN WERT, OHIO.

Mention The Review when you write.

CARNATIONS.

Field-grown, as fine plants as you ever saw.

	100	1000		100	1000
Lawson	$7.00	$60.00	G. Lord	$4.00	$35.00
E. Crocker	5.00	45.00	Flora Hill	5.00	45.00
Jubilee	4.00	35.00	Daybreak	4.00	35.00
Wm. Scott	4.00	35.00	Prosperity	10.00	

SMILAX, fine strong 2-inch, $1.50 per 100; $13.00 per 1000.

S. T. DANLEY, - MACOMB, ILL.

Mention The Review when you write.

100,000 FIELD-GROWN CARNATION PLANTS.

Plants now are in first class condition. We have no stem-rot.

Queen Louise, Prosperity, Buttercup, Bon Homme, Gov. Roosevelt, Goodenough, Irene, Norway, $7.00 per 100

Mrs. Bertram Lippincott, Marquis, Victor, Daybreak, Genevieve Lord, Eldorado, Portia, C. A. Dana, $5.00 per 100

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

FIELD-GROWN

CARNATIONS

Fine, Strong, Healthy Plants.

	Per 100	Per 1000
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00

PETER REINBERG

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

CARNATIONS

Elma, light pink	$8.00	per 100
America, red	6.00	"
Jubilee, scarlet	6.00	"
Mrs. Joost, pink	6.00	"

Cash with order.

Strong, healthy plants that have not been allowed to bloom.

BAUR & SMITH

38th St. and Senate Ave.,

INDIANAPOLIS, IND.

Mention The Review when you write.

SURPLUS STOCK
OF FIELD-GROWN

CARNATION PLANTS....

Extra strong stock, **$4.00** a 100; **$35.00** a 1000.

E. Crocker. Meteor. Joost.
Eldorado. Cerise Queen. America.
Daybreak. W. Scott.

J. B. HEISS, The Exotic Nurseries, DAYTON, O.

Mention The Review when you write.

Carnations...

First-Class STRONG Plants.

200 Marquis, 250 Genevieve Lord, 400 Joost, 230 White Cloud, 500 Flora Hill. **$6.00** per 100. Cash with order.

D. NEWLANDS & CO.

1089 W Delavan Ave., BUFFALO, N. Y.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Murphy's White.

A Commercial White Carnation, vigorous and healthy grower, early, free and continuous bloomer. Stem and calyx its strongest points. A white flower and very fragrant. An enormous producer, both as a Summer and Winter bloomer. Price within reach of all.

Will be distributed beginning Jan. 15th, 1903. Facilities for rooting 300 000 cuttings. You will want it, so place your order at once. 100, $6.00; 1000, $50.00; 5,000, $45.00 per 1000; 10,000, $40.00 per 1000.

I am headquarters for ESTELLE Cuttings, $4.00 per 100; $30.00 per 1000.

Correspondence solicited.

WM. MURPHY,

Wholesale Carnation Grower. Station F, CINCINNATI, O.

Mention The Review when you write.

CARNATIONS

Strong, field-grown plants.

"Goodenough"

the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00	per 100
MACEO	5.00	"
SCOTT	5.00	"

Write for prices on large lots.

SIDNEY LITTLEFIELD,

NORTH ABINGTON, MASS.

Mention The Review when you write.

To clean up the field I offer the following

Carnation Plants!

1st size:

500 Egypt	$5.00	per 100
100 Gomez	5.00	"

2d size:

200 Queen Louise	4.00	"
300 Morning Glory	3.00	"
100 Norway	4.00	"
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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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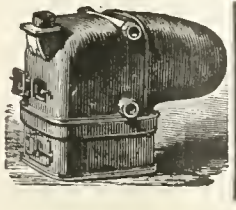

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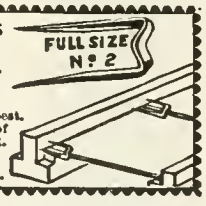

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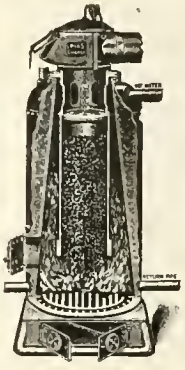

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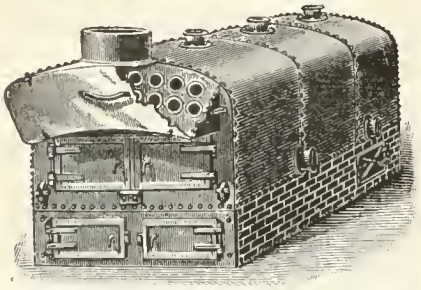

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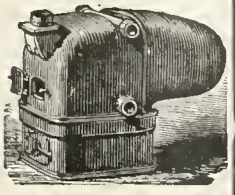

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M.
Jamaica Plain
261

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Vol. X. CHICAGO AND NEW YORK, SEPTEMBER 18, 1902. No. 251.

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Finest Giant Strains	oz $2 50;	in mixture, oz. 2.00
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Cineraria, new large flowering, striped,	pkt.	.25

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L. Harrisii 7x9	9 50	90.00
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Narcissus	Paper White, 100 80c.; 1000, $7.00. Paper White Grand , 100, $1.00 ; 1000, $8.25.			
Callas	1⅛-1½-inch....	$0.75	doz.	$ 5.00 100
	1½-1¾ "	1 00	"	7.00 "
They are fine Bulbs...	2 -2½ "	1.25	"	9.00 "
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Bulb Catalogue on application.

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MISCELLANEOUS SEASONABLE HINTS.

Look Out for Frost.

The last ten days of September is a very busy time with the man who grows a mixed collection and is bothered with bedding plants. Frost has appeared in western New York, not a killing one yet, but in the center of the state it has been killing, and doubtless there are many other localities where Mr. Jack has made his appearance, and though by no means a weather prophet, everything points to early frosts. Now you can't do everything the day you see the night is going to be cold.

Stevia.

Don't delay in getting your stevia lifted. There is only one of these cheap plants that is generally grown nowadays which we know as sweet stevia. Serratifolia is, I believe, the correct name. It is a most useful plant at Christmas, and we should miss it very much. I like them best in pots. Some plant them on the benches in five or six inches of soil, where they flower freely, but the pots are more easily managed, as you can cut all there is on a plant and out with it. Lift them, but leave them out of doors as long as you possibly can. They need the coolest house you have, anything above freezing, and if given the heat of a glass house now will be too early.

Azaleas.

The azalea is now our most important Easter plant, going ahead of even the lily in value of plants sold on that important date. If you have summered over any plants and taken good care of them they will make your best Easter plants. You would think that these plants would be good stuff for forcing at Christmas, but that is not so, and they should not be grown for flowering at the holidays. There is no object in leaving them out of doors any longer. Get them into a cool, well ventilated house, and every bright day give them a syringing for red spider and thrips. Both will attack them in a dry, hot house.

It is some weeks yet before the azaleas will arrive from Europe. It is remarkable how well they endure the journey and the splendid flowering plants they make. If you left all the soil and roots on that is sent with them they would be too large to look well. It does not hurt them in the least to chop off with a sharp hatchet or big knife an inch or two of the soil and roots. A very important point to observe is to dip the ball of roots in a tub of water for a minute or so before potting. If the ball of earth and roots were quite moist this would perhaps not be so necessary, but they seldom are and sometimes are quite dry, and if potted in that state you could scarcely with a dozen waterings get the roots thoroughly wet. After potting them, and that should be done firmly, they should be put either in a deep cold frame and shaded for a week or two, or in a shaded cool house. Excepting those that we want for early forcing, these imported plants should be kept so cool that they do not need a light house because little or no growth is going on.

Bulbs.

It has been quite dry in this neighborhood for the past three or four weeks, and the Roman hyacinths and paper-white narcissus that are boxed and covered with a few inches of soil will not be making roots unless they are given a good watering at least once a week. Soak the whole bed.

Tulips and narcissus are arriving, and although there is lots of time for those that you want to flower in March and later there should be some put into flats at once for forcing in January and February. There are two or three points to observe. Don't have your flats of different sizes and depths. A convenient, handy size should be made, 24x12 inches is the best we have found, and three inches deep is enough. A rich, new soil is not necessary. An old carnation bed would be just the soil, and you can put the bulbs almost touching, letting the top of the bulb be just even with the top of box and soil. We have tried different places for these tulips and Von Sion, but never found a cellar or root house or beneath a bench equal to standing the flats on some boards on the open ground and covering with three inches of soil. Before covering give them a soaking, and if October is dry give the beds a weekly soaking. Remember there is no moisture going up to these bulbs; the bottom of the box prevents that.

There may be a few of my readers investing in a few thousand tulips for the first time, and for their benefit I would say that the desirable forcing kinds are few. For yellow, Orange Prince and Chrysolora; for white, La Reine and White Pottebakker; for scarlet or red, Waterloo and Vermilion Brilliant; for pink, Cottage Maid and Rose Grisdelin. La Reine under some conditions comes also a beautiful pink. Proserpine is classed as a rose-pink. It is a shade hard to describe. It's a glorious flower and one of the earliest to force. The Due Von Thols will force ten days earlier than any of the above, but I don't consider them worth the trouble. We do not want these tulips at Christmas; there are other flowers, and if we get tulips and daffodils by middle to end of January it is early enough.

WILLIAM SCOTT.

A Boatful of Plants at Humboldt Park, Chicago. Max Kleppin, Gardener.

ROSES.

Seasonable Hints.

During this and the next month will be the most critical time for the grower. Firing will have to be resorted to, and the change from natural to artificial heating, if not done carefully and intelligently, is likely to affect the constitution of the plants to such an extent that it may take the best part of the winter to bring them back to a healthy condition.

At this season all vegetable life calls for a rest, root action becomes sluggish and the plant cannot use the supplies of water to which it has been accustomed during the growing period, so the supply should be gradually diminished to suit the requirements. The benches should be thoroughly examined every morning, noting all those spots which dry out quicker than others, and giving them a wetting previous to the general watering so as to get the benches as nearly as possible equally wet.

Especial care should be taken to see that the soil is wet to the bottom, as it is apt to dry out at the bottom first, especially where the pipes run under

the benches. The surface may appear to be wet enough, particularly where mulching has been applied (as the manure in the compost retains the moisture), yet on examination the soil may be powder dry.

If due care is given to the plants at this time, they will enter on the winter season with sufficient vitality to carry them successfully over the darkest weather. Ribes.

MILDEWED ROSES.

I have a bench of roses that are determined to be covered with mildew. I have sulphured them (as per instructions in the Review), but even the new branches continue to give up to the pest. Please tell me what I can do to stop it. Have good ventilation, stems seem to be good, healthy ones, but in a few hours the foliage will be covered with the mildew. Does this hurt the blooms? Bed is well mulched with cow manure.

M. W. B.

M. W. B. has evidently got a very severe dose of mildew and must adopt radical measures to get clear of it. Paint the pipes at spaces a yard or so apart with the following mixture: Two parts sulphur and one part air slacked lime, mixed with water to the consistency of paint. During the coldest part of the night close down the ventilators and turn on the pipes that are painted, keep closed till the house is filled with the fumes. Repeat this at intervals of two days.

I have never known this treatment to fail in effecting a complete cure. Of course the affected leaves will present a bad appearance for a considerable time after the trouble has ceased.

Also use the sulphur blower once a week, taking care to use it only on bright days, and when the foliage is dry, as it is only of benefit when in a dry and powdery state.

The foliage being the lungs of the plant, will, if incapacitated from duty, certainly injure the blooms and eventually destroy the plant. Ribes.

CHRYSANTHEMUMS.

Buds.

This is a busy month in the chrysanthemum houses, and the work is of a kind that must be attended to without loss of time. The chief thing, of course, is the "taking" of the buds. Why it should be called taking the bud, when in reality it is leaving the bud, is something that is puzzling to the novice, but the term has become universally accepted by long usage and serves the purpose as well as any other. There is no longer any need to be puzzled about the selection of the bud, any bud now will produce a perfect flower without special treatment so long as it is upright on the stem and has not been injured by insects. Where a bud is crooked and bent over sideways it should be removed, since such buds never produce perfect flowers. Sometimes a caterpillar will eat out one side of a bud and the flower will come all on one side if such a bud is permitted to develop; but saving these defects, which are easily noticeable, September buds are always to be relied on.

Suckers

are very much in evidence as soon as the bud is set. The beds should be gone over once a week and all such growth removed. This is necessary to keep the energies of the plant concentrated on its work of producing flowers. After the bud is taken there is no more top growth, and the plant makes desperate efforts to increase by throwing out side shoots everywhere, and suckering underground. Keep these all closely removed and you will notice, in the language of the elder Mr. Weller when describing the condition of the ladies as the tea party progressed, that the bud is "swelling wisibly."

Syringing and Watering.

The sun is declining in power daily and less syringing should be done. The foliage, too, is dense and the air cannot penetrate through to dry up the moisture as it did a few weeks ago. Plants should be syringed right along until the bud shows color, to keep down the red spider and aphis, but syringing should only be done now in bright weather, and always early in the day so that the foliage will be dry by evening. Watering, too, should be done in the morning and done carefully. The sides and ends of a bench will get dry while the center is still wet, so watering should be done accordingly. If the center of the bench is kept wet leaf disease is certain to start in there and will spread rapidly to the whole of the plants. While it does not matter much to lose some of the bottom leaves, and it is somewhat of an advantage in fact since it gives the bed a better chance to dry out, it is difficult to get the disease to stop just when you want it to.

Mildew

will appear on some varieties now during dark weather. It is generally worst on specimen plants though Golden Wedding will nearly always show more or less of it in the fall. The potassium sulphide used in the same proportion as for the rust, that is, one ounce to two gallons of water, will keep it down. Plants that have been growing outside, when they are got into the houses (and the sooner all plants are got in now the better) need watching for mildew. The changed conditions are, of course, responsible for this. Plants are often grown outside in boxes on small places, and if the weather is not too wet during the summer such plants do fairly well, as the wood gets thoroughly ripened, but in such a summer as this has been the plants have lost their foliage badly and need careful treatment when housed.

Feeding

if done at all, must be done mostly this month, as feeding should be stopped entirely when the bud shows color. This subject was discussed at length in these notes a few weeks ago, so we will not again go into the details, but while you are feeding your plants remember that it is far better to feed very lightly and feed every time you water than to give them a heavy dose and alternate with clear water. Young fellows with not much experience, but with heaps of enthusiasm, when they notice how a plant improves after a dose of liquid, are very apt to start in right away to show their fellow florists how stuff can be grown, and to do this they apply twice as much fertilizer as they should. But when the thing is overdone nature steps in and shows in unmistakable fashion that she disapproves, and those same young fellows find their enthusiasm dwindling away when they see their flowers melt away in the sun. But it is a wholesome lesson, and one which few of us who have grown good flowers have not received at some time or other in our experience. Nature puts a limit on man's puny efforts and says "Thus far shall ye go but no farther."

Brian Boru.

CARNATION NOTES—WEST.

Firing.

It will not be long now until you will need a little steam in your carnation houses, and in some sections it has already been needed. We usually have to fire a few nights in the latter part of this month, but regular firing is hardly ever needed before middle of October. About this time we usually have a light cool spell and the thermometer occasionally drops to 40 degrees at night, while inside the houses it sometimes drops to 45 degrees, and a little steam will do no harm if you have the ventilators open. We do not consider it a necessity, however, and we do not fire up specially as long as the temperature in the houses does not run below 45 degrees during these short spells, unless it stays cool too long and the temperature drops several nights in succession. In fact, I believe it does the carnations good to have a few cool spells about this time if the days are bright, as it will help to mature the growth and keep the plants sturdy.

You must not close the ventilators down tight after a nice clear day, thinking that you will hold some of the warmth in the house at least a part of the night; that is a great mistake, which is too often made. I would rather have my carnation houses stand at 45 degrees with the ventilators up two inches than to have them stand at 50 degrees with the ventilators closed down tight and no fire heat. By keeping the ventilators up an inch or two you will cause a slight current of air in the house, and the atmosphere will remain dry, while if the ventilators are down tight the atmosphere in the morning will be damp and foul and poisonous to your plants. You have no doubt noticed yourself that drops of moisture will hang to the foliage after a rather cool night if no air was left on the house, but you will not find it so if the ventilators are up an inch or two. The carnation enjoys being cool, but when it is cool it wants to be dry, too, overhead.

If you grow roses or other stock that needs firing right along now it will be a good idea to run a pipe in each of your carnation houses, and at the same time keep a crack of air on. This will help materially in keeping up a current of air and a dry atmosphere. To some this would seem like burning up coal for nothing, but you just try it and you will see for yourself what a help it is. Try to have the walks dry before night sets in, and be sure that the foliage is all dry before night. It would be well now, too, to syringe less than you did during the summer months, and from now on you should syringe only just enough to keep down red spider, which will make its appearance soon after firing commences unless you keep a sharp eye out for him, especially where the plants are close to a steam-pipe.

Give plenty of water at the roots, though; the plants will need a liberal

Establishment of Mr. J. M. Connelley, Charleston, S. C.

supply of it on bright days. Those that have been mulched will need careful watering, else you may get them too wet. They will not show it while the weather is nice, but as soon as it gets cloudy and cold they will get soft and watery, and the damage is done beyond repair. During the summer almost any one can water, just so he gives them enough, but from now until April it takes the best man on your place to look after the watering. A. F. J. BAUR.

CARNATION NOTES—EAST.

Introductory.

It is not without some hesitation that I enter upon the task of giving the readers of the REVIEW weekly notes on carnations, feeling as I do that those who have gone this way before have shown such proficiency in the work there remains but little to add. However, my personal experience may give some readers food for thought, but if any of my methods seem radically new I would advise trying them on a small scale at first.

No doubt ere this your plants are established in their winter quarters, and you are looking forward to the much-heard-of qualities such as "early, continuous, free, long-stemmed, beautiful form and color, absolutely non-burstable calyx, etc." All the qualities are latent in the plants, but perhaps not in all the plants; it depends upon you to bring out all there is in them and in justice to the originators as well as yourself, it is your *duty* to do so.

Supports.

Much has been written on this subject and I can only say that the time has come when good supports are as essential as good plants. After trying several methods we now use the Model extension entirely and have for three years. Its first cost may seem large, but considering the time they last and the rapidity with which they can be applied, it is the most inexpensive in the long run.

Cutting Back.

Here is where the "continuous" quality can be controlled to a great extent. It is getting late to do much cutting back but with those varieties which throw only short stems at this time, such as Lawson, Estelle, Bradt, Marquis and Floriana, much can be done and will serve as a trial at least.

Now as to the method: Go over your beds twice a week, cutting not over two buds from a plant at one time, these having been allowed to attain a diameter of three-eights of an inch. This trimming a bunch of carnations as you would a hedge is not to be thought of. It is apt to give them a severe check and also tends to make them come in crops.

You may ask why I let the bud attain three-eights of an inch in diameter. In cutting back a shoot before the bud is well set, you are very apt to get a clump of weak shoots on account of the stem being soft and short jointed. Later on, under propagation, I hope to give you a tale regarding these weak shoots.

Each grower must of necessity be governed by his trade as to letting some varieties bloom. Crane will give good flowers during October, but unless there is a demand for red at good prices (which I doubt) would it not be better to manage your Crane to have a good crop for Thanksgiving and Xmas when there is sure to be a heavy call for red at top figures?

The demand for some time yet will be confined to pink and white and with such varieties as Joost, Avondale and Nelson for pink, Flora Hill and Queen Louise for white you are prepared. Remember that "mums" will be in soon and too many carnations in the market means a loss to the grower.

GEO. S. OSBORN.

A CHARLESTON FLORIST.

The accompanying illustration shows the establishment of Mr. J. M. Connelley, Charleston, S. C. In the building at the left he conducts a large business as an undertaker, the greenhouses and floral department are seen in the center and his residence appears at the right.

It is remarkable how large a business he has developed in the florist line, and the establishment is a model one. The grounds in front of the greenhouses are so attractively planted that the place is one of the sights of Charleston. In addition to the usual bedding plants there are orange and lemon trees, pine apples and bananas. Along the veranda of the residence which faces the garden are numerous specimen palms in vases on pedestals. Everywhere fine decorative and blooming plants are in evidence, and a large business is conducted with perfect system and undoubtedly with profit.

Of course but a fraction of the stock used is produced on the place, and Mr. Connelley is a heavy buyer from northern shippers. His calls are for the best and the size of his regular shipments is sufficient proof of the magnitude of his business. The establishment is a good illustration of what can be accomplished by the application of up-to-date business methods.

Mr. F. W. Kummer is Mr. Connelley's right hand man in the floral department of his business and is a bright, energetic and very capable man.

WINTER CARE OF BEDDING PLANTS.

I furnished the plants for the bedding at a cemetery this spring and now they wish me to house these plants for them this winter. The plants include cannas, coleus, common and Mme. Salleroi geraniums. Can you tell me what to do with these plants in order to bring them down to a size that will enable me to make room for them and what care to give them so they will be all right for next spring? M. W. B.

The above is a large question. We will suppose that M. W. B. knows all about the proper care of such familiar plants as cannas, coleus and geraniums. It appears to me that these cemetery people expect the plants to be lifted and the same returned to them in the spring and be charged for their care during winter. If this is the case it is a very poor arrangement for them and M. W. B. to make, and about impossible to car-

View in the Establishment of Kennicott Bros. Co., Chicago.

ry out with any satisfaction to either party.

The only arrangement you can make would be to propagate plants from those in the cemetery and give them credit for what the cuttings are worth now. For instance, the canna roots should be lifted as soon as the tops are injured by frost and stored beneath a greenhouse bench where there is little drip. All you can allow the cemetery in their next spring's account would be what you would have to pay for these clumps if you had to buy them.

Geraniums should not be lifted. Cuttings put in now make far better plants, and if you credited the cemetery with $1.00 per 100 for the cuttings it would be all they are worth, unless it was some new variety. A few cuttings of each variety of coleus should be put in the sand at once and from these you can propagate any number next March and April. There is no value at all to coleus cuttings during the summer and fall months and to lift old plants is out of the question. Mme. Salleroi geranium is best lifted and potted, and after New Year's they can be divided and propagated.

I may be mistaken in the inquiry, but if I am not, would say there is little value in bedding plants in the fall. It is growing them in the spring months that is expensive and that gives them value. William Scott.

CYCAS—FERN BALLS.

G. O. K. asks: "Which is the best way to treat or start Cycas revoluta and Japan fern balls? Is the long-leaved cycas the best? And when is the best time to lay in a stock of cycas? Where can I get a supply of Echeveria metallica?"

The Cycas revoluta is not at all a difficult plant to grow. It should have a temperature of at least 60 degrees in the winter. Any house that will grow the kentia or latania palms will grow cycas perfectly. I don't know that it makes much difference when you start them or lay in a stock of dormant stems, but your facilities for starting them might be considered. If good, sound stems can be obtained in February it would be a favorable time, as you would have a month or two of fire heat to start them.

They should be put into pots only a little larger than the stems. After they are well rooted they can be given a shift. Keep the pots plunged in some material that has a temperature of 75 or 80 degrees. Keep them only moderately moist at the roots till they have made a growth. They will often make a fine whorl of leaves before they have made many roots. They should never be sold, or rented for decorations while in this state. In fact, they should never be sold to any customers for use in their houses or to stand on the lawn or veranda till they are thoroughly well rooted, and that will be two years from time of starting.

I don't know that there is more than one form of Cycas revoluta. The length of the leaf is, I think, dependent upon the conditions under which the plants are grown.

Japanese fern balls are usually bought in the spring and started into growth in March. They want lots of moisture when growing. If not convenient to syringe them copiously, then take them down and dip them into a tub of water at least once every day, but don't let them soak in it for ten minutes as I have seen done. It drowns them. If you have any unsold in the fall, gradually withhold water in October or November, and during December, January and February you can let them hang up in your palm house and they will remain dormant and be none the worse for it.

I can't say where a good stock of Echeveria metallica is now offered. It is not so often seen since carpet bedding has been less in favor. Most all our leading plant growers catalogue it. It can be raised from seed and that is the cheapest way of getting up a large stock of it. The seed is very minute and needs care in sowing.

William Scott.

A CHICAGO WHOLESALE HOUSE.

We present in this issue several views from photographs taken in the establishment of Kennicott Bros. Co., Chicago, since the numerous changes and improvements made this summer were completed. The firm now has certainly a model place for the handling of the large business transacted.

President Flint Kennicott is seen at the telephone in one picture; G. H. Pieser, the secretary, is concealed behind the glass in the cashier's cage in another, and E. E. Pieser, the treasurer and general manager, is at the end of the long ice-box in still another. The

Storage Cellar at the Establishment of Kennicott Bros. Co., Chicago.

cool cellar shown in one view has been lined throughout with hollow tile and then cemented.

MORE "MEMORIES OF ASHEVILLE."

A friend once said to me, "Do you know that we live one-half our lives in anticipation and the other half in memory?" I believe this to be partly, if not wholly true. From the time it was decided in Buffalo to go to Asheville I lived in anticipation of the event. Nor can I say that I was much disappointed. The hotel accommodations were to me as to many, a disappointment and the discourtesy of the hotel clerks is something that would not be tolerated by people in this section of the country.

But the scenery and the mountains were not a disappointment. Of course, I, who have always lived in a prairie state, enjoyed the mountain scenery especially. On Wednesday afternoon, while the bowlers were busy making their famous records, a party of us went to Sunset Mountain. Just before the King of Day slipped behind the western mountains we climbed the tower, and we were just in time for there were just a few minutes left to see him, and then came the beautiful part. Shaded from orange to yellow and from yellow to the blue overhead, the sky was a blaze of beauty. Some clouds floating off to the north were tipped with the colors, and as we looked southward Biltmore could be plainly discerned.

The sunset at Detroit where the sun made a crimson pathway down to the boat as we steamed across the lake was beautiful, but the glories of this mountain sunset cannot be surpassed and cannot be transferred to canvas. The Blue Ridge Mountains are certainly rightly named. As we looked off across the valley in any direction, the blue of the sky seemed only heightened by the blue haze of the mountains, and the farther away, the bluer they seemed.

On the afternoon of Thursday we took a car ride out to the Ostrich Farm. After admiring the beautiful plumes on display we went out to look at the birds. It is our opinion that the originator of the Delsarte movement must have studied it from an ostrich. After this pleasant trip we rode out to where the gunners were making records for themselves. To me it was quite fascinating to see the accuracy with which the "pigeons" could be hit at almost any angle.

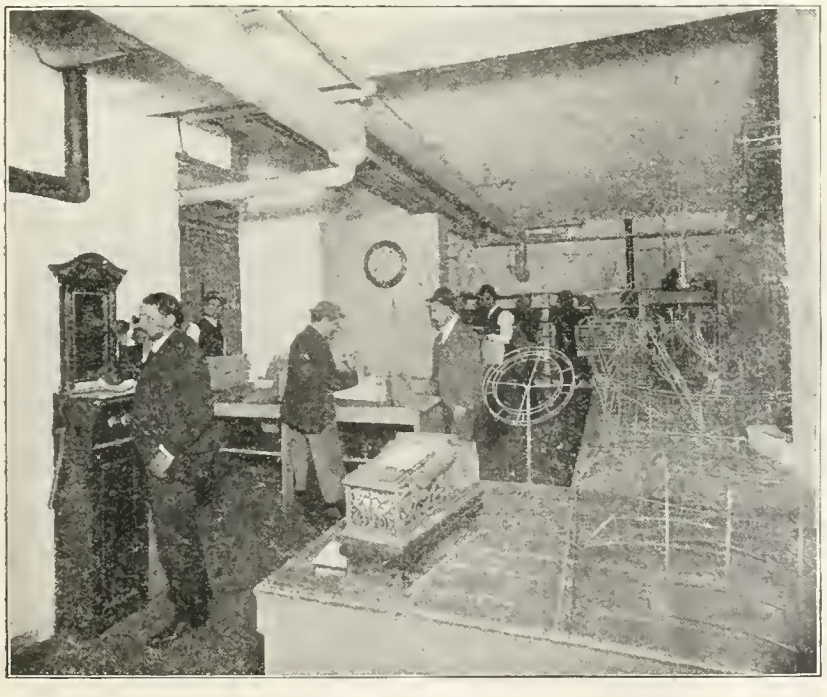
Then the trip to Biltmore was a great pleasure. Everything about this place seems planned to give one the idea of magnitude, which, of course, is true, even beginning with the fortune behind it all.

About the only scenery which does not fill one's expectations is the rivers. The French Broad, it is true looks pretty as it finds its way for miles over and between rocks, but the Swannanoa—well, the less said the better.

And now after we are safely at home the memory of all the pleasant times had in Asheville will stay with us and add to the pleasure in anticipating the good time coming in Milwaukee.

AN S. A. F. LADY OF THE LAST FIVE CONVENTIONS.

View in the Establishment of Kennicott Bros. Co., Chicago.



View in the Establishment of Kennicott Bros. Co., Chicago.

WHO IS GUILTY?

Our attention has been called to an unfortunate case in which several florists have become involved through the sending out of canna stock not true to name by some party as yet unknown.

One of our readers ordered a quantity of Black Beauty cannas, and it later developed that the variety sent was some common dark-leaved canna of little value. Before the substitution was discovered part of the stock had been resold to various customers, who naturally declined to pay for it when it was seen the stock was not true. The party from whom the stock was purchased said he had bought it in good faith as Black Beauty and supposed he had true stock. He at once wrote the party from whom he had purchased and got an evasive answer, intimating that the variety was very apt to vary in appearance when grown in widely separated localities and they had discontinued selling it on that account.

We are informed by expert canna growers that Black Beauty is a fixed variety, and that the suggestion as to variation is nonsense. It seems to us it is up to the last party, whoever he is, to tell where he got his variable stock. Certainly such work cannot be too quickly nipped in the bud. Some very serious losses have been sustained by the unfortunate victims of some man's ignorance or greed. Who is he?

Whoever he is he should be made to bear the losses sustained, as they were caused solely by his act. Certainly this is a case for prompt action by the nomenclature committee of the S. A. F.

And we think the national society could confer no greater benefit upon the trade and its members than by appointing an arbitration committee to whom the various disputes about the quality and character of plants bought and sold through the mails could be referred.

As the matter now stands the small buyer is practically at the mercy of the seller. He may have the right to legal redress, but the amount is nearly always too small to warrant the employment of an attorney to enforce that right upon a party at a distance.

Here is where the national organization can make itself of real practical value to a host of florists. The mere existence of such a committee, with the possibility of a report of its work being published, would result in making careless people more careful and easy consciences less easy.

If any reader can suggest a better remedy for the evils complained of, we shall be glad to hear from him.

NEW YORK.

The Market.

Last week closed "under a cloud" for not only did the rain descend, but the cut-flower trade was also "in the dumps." No improvement was the universal claim, neither in prices nor volume, and notwithstanding that the quality of stock shows considerable improvement, the demand was certainly disheartening. Some of the more conservative see little to encourage before the end of October, though there are sanguine souls who behold a silver lining to the September clouds before the month is at an end. A "frost" in its true sense is anxiously awaited.

Roses improve in color and foliage daily, even if prices do not advance. Carnations assert a higher value for the "fancies" and will soon command their real value. Asters, dahlias and lilies are excellent and abundant. Gladioli have had a hard season and must feel humiliated at the reception given them.

A few mums timidly arrive and ask if it's "not a little early to come to town!" It is. Nobody wants to see them yet. Time enough in October, when the buyers of luxuries return to gay New York.

Items.

Saltford's was redolent of violet perfume when I called, and his stock was snapped up quickly. He says, "Never were violets so good nor so early as this year." But prices are unmentionable.

Mr. Dunne tells me his "Dunnite" is growing rapidly in public esteem, and he is much encouraged by many duplicate orders.

McManus shows some good sample palm stock from Pierson, of Cromwell, in his windows. He has added several orchid growers to his list, and is receiving orders from away south, and as far west as Cincinnati.

Some excellent Queen of Edgely from the Floral Exchange of Edgely, Pa., have been arriving of late at Moore, Hentz & Nash's, the best of which sold at 20 cents, theirs being the first large shipment of this variety this season.

Bonnot Bros. report an encouraging development of their trade, and have facilities for handling much larger consignments.

The Cut Flower Exchange will hold its regular meeting the first Saturday in October.

The new firm of Bradshaw & Hartman is full of enterprise, and has its neat store in readiness for a large business. Mr. Bradshaw left Sunday for a trip through the holly regions of Maryland and Virginia. This firm will have a wholesale holly and evergreen market this winter, and will try to meet the demand for an immense quantity of first-class holly wreaths. Their stock of holly will be enormous. Watch for their advertisement in the special edition of the Review.

Mr. Leeakes will be associated with them in the holly business. He has a store at 53 W. 28th street and a branch in the Cut Flower Exchange, and has been established over twelve years in the fern, galax leaf and leucothoe business in this city. He accompanies Mr. Bradshaw to the south, and will visit the galax section of North Carolina while away.

Chas. Haberman, of 101st street and Broadway, has been rebuilding his greenhouse and repainting his store, until he now has one of the most attractive places on the Boulevard. A $300 wagon just starting to "earn its keep" is one of the evidences of his success.

Mr. John Young is looking forward to his Kansas City trip with considerable pleasure. His judgments will be appreciated by the western exhibitors, for they will be based on the merits of the goods. But he will be so well cared for by those big-hearted Missourians he will find it no easy matter to come back.

Thos. Young's new store on 6th avenue will open about the first of October. His establishment in 28th street is in the hands of the decorator and will be fitted up handsomely.

Mr. W. Trumpore, of Small & Sons, is just back from a trip to the Adirondacks and Pyramid Lake. He tells some good fish stories, and is full of interesting information about the hunting and fishing facilities of that region. From Mount Pharoah, 1,700 feet high, he could see eighteen lakes at one time; four-pound bass were among his trophies, but his best "catch" was a robust healthfulness and renewed strength for the winter's work.

W. B. Du Rie, of Rahway, who stopped off on his way from Asheville for a visit to the old battlefields of '65, on which he fought for his country, was reminiscent when I met him at President Sheridan's, and told many interesting stories of his experiences in old Virginia.

Phil. Hauswirth, of Chicago, was in town Saturday on his way from the Redmen's convention at Norfolk, Va., visiting the wholesalers and enjoying the sights of our big city, accompanied by his wife and daughter and Miss Annie Kreitling. He left on Monday for home.

Sunday morning another florist came to the city, and rapped at Alex. Guttman's door. He was welcomed, of course, and is a fine boy, a credit to his parents, and all is well. The trade's congratulations are hereby recorded. With the enlarged and redecorated store, the increase in growers, and Mr. Guttman's well-known energy and geniality, he should do as large a business as indications promise this winter, especially so with this new inspiration to encourage him.

Miss Currick, bookkeeper for Young & Nugent, is back from a happy two weeks' outing. This firm had a fine stock of cattleyas and Beauties and some splendid asters Saturday.

Mr. Gunther, the wholesale florist of West 29th street, returned to the city Tuesday from his summer in the country.

J. K. Allen has a great stock of pink and white asters always, and last week's supply was exceptionally fine.

Mr. Wadley is back again at his store on 5th avenue, superintending extensive improvements. His escape from death in the tunnel accident was a miracle. Even yet a cane and crutch are a necessity, but his grit has pulled him through and some day he will be himself again.

Mr. A. G. Henning, the birdseed man, who was at one time with Klunder, is at 62 Cortlandt street, and reports a growing trade in his line, and many florists among his customers.

The Cooke & McCord Co., of Tarrytown, have built up a fine business in the last four years; have a store 40x100 feet, with basement, which would be a credit to any city, and have three and one-half acres of nursery land and 10,000 square feet of glass. They do a large seed business, grow bedding stock, palms, etc., and depend on the New York wholesale market for their cut flowers.

Schloss Bros., of 533 Broadway, the ribbon kings, report an increased trade since the Asheville convention, and are well pleased with the results of their exhibit there. They have some very handsome novelties for florists this season.

A brief call at F. R. Pierson Co.'s Tarrytown establishment developed the fact that the whole of the 25,000 square feet there had been devoted to the new Nephrolepis Piersoni and every house was filled to overflowing with this remarkable fern. None of the stock will be sent out before the spring of 1903, and already orders for a great many thousand plants have been booked. The demand promises to be enormous.

At present this firm is overwhelmed with bulb shipments, four carloads being sent out from the Tarrytown depot, while the case lots go direct from New York, without repacking, to all parts of the country. The new greenhouse, 300x54 feet, being built at Scarborough, will be as modern as the new improvements of late years can make it, and a full description of this and the firm's establishment at Scarborough will appear in a later issue. Mr. Pierson was much pleased with the Canada exhibition, and with the reception given his fern there. He will make a grand exhibit at the Madison Square Garden show in November.

W. A. Bridgeman moves up a few doors this fall, from Small's to Thorley's.

Mr. Thielman, the bowling champion of the New York Club, is back with his family from Pennsylvania, with better health, and his "200 arm" in shape again for the old-time average. But that "99" of his at the convention is still a bitter memory.

Rudolph Asmus, of New Durham, is in better health this fall than for a long time, after a long outing in the country.

Preparations for the Madison Square Garden exhibition go on quietly but constantly, with bright prospects daily for a great success. Every one seems interested in the undertaking and anxious to do his share. J. Austin Shaw.

A Floral Urn.

A FLORAL URN.

We present herewith an engraving from a photograph of an urn arranged by Mr. W. A. Herbert, the florist, of Wellsville, O., for the funeral of the late Isaac Knowles at East Liverpool, O., Aug. 2.

The urn was six feet high. The flowers used can readily be identified in the picture. At the left appears part of a wreath that was a separate design. Some of the flowers are wilted, the photograph having been taken at the cemetery after the funeral ceremony.

PHILADELPHIA.

The Market.

Business is really beginning in earnest. Some busy days have been experienced in the stores and the commission houses have had some fine shipping orders. The supply of flowers is increasing, there is more variety, and, thanks to the cool weather, the quality is excellent for so early in the season. Beauties are becoming more plentiful, the best bring from $2 to $2.50, and occasionally $3 per dozen. Teas sell at $3 to $5; a few choice Kaiserins at $6 per 100. Some indoor carnations from new stock can be had; the white are quoted at from $1 to $2 per 100, colored at 75 cents to $1.50. Some fine valley is coming in that brings $4. Asters are entirely too plentiful. Dumont & Co. alone have enough to swamp the market, so perhaps it is better not to quote any figures. Dahlias sell pretty well at $1 to $2 per 100; some fancies bring more.

Leo Niessen is handling a lot of lilies, quite a rarity at this season. They are different types of longiflorum. A dollar and a half to $2 per dozen is the price.

Marketing Cut Flowers.

A meeting was held on Thursday evening September 11, in Horticultural Hall, at which all branches of the business were represented. Every seat was occupied and some late comers were obliged to stand. Interest was keen for two and a half hours. A temporary organization was effected on the plan proposed by the new committee after lively discussion. The features of the debate were the clear, forcible arguments of John Burton, who was heard at his best. Secretary Rust read the minutes of the previous meeting and the report of the committee, which, on motion of John Burton, was taken up by sections.

The name, "Philadelphia Wholesale Flower Market," passed without objection, but the second paragraph which fixed the capital stock at $20,000 1,000 shares at $20 each, brought vigorous opposition from Adolph Fahrenwald, who wanted it reduced to $10,000, as first planned. This paragraph was, however, adopted after warm debate, the feeling being that the present plan depended on this increase of capital. The paragraph that the market was for, first, cut flower growers; second, plant growers; third, dealers in florists' supplies, brought out the best debate of the evening. Mr. Fahrenwald wanted cut flowers only. It should be a matter of pride that no help was needed from plantsmen, supply men or seedsmen. Mr. Burton showed that it would be better business to combine all these branches, though he had first felt as Mr. Fahrenwald did. David Bearn moved an amendment that "wholesale florists" be added. Mr. Burton supported the amendment provided the wholesalers were let in under proper restrictions. He paid a glowing tribute to the commission men, saying they were a great benefit to the business, as they sent more flowers out of the city than they brought in. The rest of the committee were in a delicate position, because, while most of them were disposed to agree with Mr. Burton, they had accepted subscriptions from many growers with the understanding that commission men would not be admitted. Mr. Bearn's amendment was voted down.

Mr. Fahrenwald opposed the plan of voting for temporary directors by shares, preferring instead that each subscriber to stock have one vote only. Over 200 more shares were taken, making over 600 in all of the 750 now offered. Seven directors were chosen, namely, Joseph Heacock, William K. Harris, William P. Craig, Edwin Lonsdale, Herbert G. Tull, John Westcott and J. W. Young. They were instructed to secure a charter, frame by-laws, and rent suitable quarters, preferably the third floor of 1224 Cherry street, as recommended by the committee.

The Home of the Market.

This week the third floor in the new fire proof building at 1224 Cherry street has been engaged by the temporary directors in obedience to the instructions given them at last week's meeting. The new room is admirably adapted to the purpose. It is light and airy, contains over 9,000 square feet of floor space, and is reached by three elevators, three freight and one passenger. A committee of three incorporators, consisting of Edwin Lonsdale, Jos. Heacock and W. P. Craig, has applied for a charter, which it is expected will be ready for the first meeting of the stockholders to be held on or about October 16. The hall has been leased from November 1.

Notes.

S. S. Pennock has returned from a sea trip to Savannah, and is hard at work again.

Eugene Bernheimer has returned from

two weeks spent chiefly among his carnation growers. He found the stock in unusually good condition, many of the houses planted and work in the others being pushed rapidly forward.

D. D. L. Farson is again seen in this city. He is selling bulbs for a New York seed firm.

W. Burger has completed and planted his new carnation house, in addition to two houses of fancy carnations. He has this year two houses of tea roses, besides a great variety of foliage and flowering plants. He is also enlarging his store, making it very complete and attractive.

PHIL.

CHRYSANTHEMUM SOCIETY.

The French Chrysanthemum Society offers as a premium to the Chrysanthemum Society of America, to be competed for at the November exhibition of the Horticultural Society of Chicago, a gold medal, value 100 francs, and diploma. The competition to be for not less than 36 blooms in six varieties of French origin. Among these the following are all eligible:

Colette,	Madame G. Debrie,
Coppeha,	Mdlle. Marie Liger,
Calvat's Sun,	Mdlle. Lucie Faure,
Calvat's 99,	Marie Calvat,
Fee du Champsaur,	M. Verlot,
H. J. Jones (Santel 1892),	M. Chenon D. Leche,
Le Grand Dragon,	M. Phillipe Roger,
L'Enfant des Deux Mondes,	M. X Rey Jouvin,
Locadie Gentils,	Nouvelle Vie,
Le Fakir,	Princess Bassaraba de Brancova,
Madame Feriat,	Ville de Bordeaux,
Madame Herrewege,	V. Morel,
Madame R. Cadbury,	Princess Alice de Monaco,
Madame Carnot,	Soliel d'Octobre,
Madame Von Andre,	Merveille du Louvre,
Madame Deis,	Mme. Emile Brandt.

Other varieties of later introductions can also be used, but all blooms must be from varieties of French origin. This being a special prize and the first ever offered by the French Society in America, it is hoped that the honor of winning this valuable trophy will bring out a strong competition. The following is a synopsis of the letters received from the general secretary of the French Society bearing on the above subject.

Lyons, France, August 8, 1902.

To the Treasurer of the Chrysanthemum Society of America, Summit, N. J.

It is with pleasure that I have submitted to the French Society of chrysanthemum growers the request you sent to it. Although our society is involved in rather heavy expenses by the publication of a catalogue of the colors and plates of the diseases of chrysanthemums, the administrative committee has, however, maintained in testifying to your society a pledge of the friendly relations which it holds with ours. The committee has decided to offer you a gold medal (value 100 francs) with the emblem of our society.

I shall give the necessary orders to the engraver so that the medal may be stamped and I shall see that you receive it as soon as it is ready.

Meanwhile I pray you to accept my sincere greetings. Yours, etc.,

A. M. PH. RIVOIRE,
Le Secretaire General.

CHICAGO.

The Market.

The cold rain mentioned last week was followed by nearly a week of remarkably chilly weather for the season and fires were needed continuously up to Tuesday of this week, when a rising temperature helped out materially. As a natural result, the supply did not increase in roses, and in carnations there was a serious shortage. On Tuesday any decent sort of a carnation flower commanded $2 per 100, and only quite inferior stock could be had at as low as $1.50. The supply of asters has, of course, been sharply cut under the weather conditions noted, but still a fair lot has been received, and the best have sold readily at $1.50 to $2, and down to 50 cents for the kind that wouldn't sell at all a short time since.

Of roses there are none too many good ones, and prices remain about the same as last week—$3 to $4 for shipping grade, with a few specials reaching $5 and short-stemmed stock going at $1 to $2. The quality averages very good for the season. Beauties have shortened up in supply, especially those of medium length. The rate of $1 a foot still prevails.

On the whole, conditions are very satisfactory for the season. While the advent of a more seasonable temperature is welcome, there is some fear of a change from very cool to a stretch of very hot weather, in which case some fearful gluts would surely result, and at the expense of the cut later, when it will be most needed. We heard some predictions to the effect that stock of all kinds would be too plentiful for the good of all before the end of the present week if the temperature continued rising and the days remained bright and clear.

Various Items.

The first fall meeting of the Chicago Florists' Club was held at Handel Hall Wednesday evening, and steps taken to outline an attractive program for the winter. Meetings will now be held regularly twice a month.

McKellar & Winterson Co. are receiving from eastern growers large consignments of very fine asters that are a big help in the market just now. They are shipped in in chicken coops that are lined with paper. They make just the sort of packing crate needed for these flowers, insuring plenty of air. All the blooms so shipped have arrived in first-class shape.

On Monday Mr. Edgar Sanders sat up in bed for the first time, and he stood the change in position nicely. He says he is going to get out of bed and sit in a chair this week, but it may not be considered wise to permit him to carry out his plan just yet.

John Poehlmann is again attending to business, but still requires the aid of a crutch. He threatens to use the crutch as a bat soon, though, but will insist that ruts be rolled out of the ball ground before he makes any more double home runs.

The renovating at Benthey's is now all completed except George Piepgras' apron.

C. S. Stewart, the famous painter, has done a landscape on the counters at Frank Garland's. It's like the one of the Egyptians passing through the Red Sea. It was all red, and the Egyptians were underneath. Only this one is the color of a last week's Bride.

Peter Reinberg has begun cutting Liberty, and the quality is much better than at same time last year. Chatenay and Sunrise are being cut in moderate quantities, and they sell well. Chatenay meets with especially good demand.

It is reported that a local retailer is in the market for a "live" automobile, but has no desire for "dead" ones made of wickerwork.

Miss Lydia Steinmetz, for some years past at Anton Then's store on Larrabee street, was married last Tuesday night to Mr. A. Gunnarson.

Recent visitors: W. W. Adams, with the J. M. Gasser Co., Cleveland; E. C. Keck, Washington, Iowa.

In a recent large decoration the Geo. Wittbold Co. used a large quantity of the common garden asparagus that was well filled with its red berries. It was very effective decorative material.

BOSTON.

Business Conditions.

There is as much going on as the date and perfect weather allow us to expect, and the demand has been fairly steady during the week. All kinds of roses are very plentiful. Carnations are quite scarce, and better qualities of asters becoming so. Sweet peas are nearly out of the market, and practically entirely out of fashion, so that the few poor ones coming in do not sell. A few single violets are coming in irregularly, and while it is unexceptionally early for them yet they are of very good quality.

Choice of Stalls.

The annual scramble for place where the tombs used to be, under Park Street church, came off very pleasantly, with just an undercurrent of grumble because of high prices for choice. And by the way they bid to the blithely Carroll-ing auctioneer, you would think flowers were up and all coal strikes down! They began at $135, and when two-thirds of the 134 were gone, still figures were running between $65 and $75. But the pressure was so lessened towards the last that several poor stands were sold for between $10 and $20. The total amount raised for the benefit of the Boston branch of the flower trust was $7,748.50, as against $5,733 of last year's work, which was a great record-breaker at the time. The New Market is yet hardly old enough to talk, but we may expect to hear a few words from it next week. Tim Waters, who knows all the ins and outs of the wholesale business, is to be the manager and Geo. Sutherland has unearthed J. J. Kelly, also well versed, to take Waters' place in his employ.

The "Anna Foster."

About the best way to settle any question you may have in your mind concerning L. H. Foster's new fern is to visit it in its cradle on King street, Dorchester. Whatever I may say about the fern business can go but a little way. But Mr. Foster is a pioneer in the fern business, and he shows his faith in the new one by filling most of the benches in his own place, and also those of the old T. H. Meade place with it, but carrying also a fine stock of Bostoniensis and palms.

Various Items.

A new venture in connection with the traffic is that of the Boston Fern. Co., at 14 Brattle street.

Among the crowd at the auction sale the one who got the most notice next to the auctioneer was John J. Forbes, the rotund Auburndale man, who broke his leg almost exactly a year ago, and has been on the shelf ever since. He is looking fairly well, but has yet to crutch himself around.

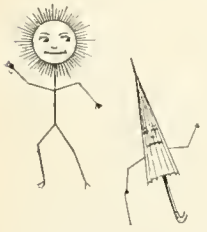
It makes very good filling for some empty afternoon to go out to Harrison square to visit the newly established plant of the Boston Carnation Co., comprised of Messrs. Dickerman and Palmer.

It is situated at 21 Mill street, and if their methods of doing business prove as crooked as the electric service to their place, I fear they may never succeed. Their appearance, however, indicates a straightforwardness more similar to the railway to the near-by station and I hereby advocate the use of both.

I felt interested because of the peculiar size of their mammoth new house. It is of Hitching's make, iron frame, up-to-date in all appointments, 160 feet long, but is 59 feet wide, thereby covering 11,000 carnation plants, now all set and looking well indeed.

James M. Tuohy, the East Boston representative of the family, has decided to change the location of his business to Washington street, Boston, and has engaged a store near State street for that purpose. But he seems to be more elated because of the fact that he now stands second upon the list of checker champions of the Florists' Club, having won that distinction by defeating Sam Beck and B. F. Washington. But others are coming thick and fast.

J. S. MANTER.



THE SUN AND THE UMBRELLA.

Sonnenschein und Regenschirm went walking down de lane.
Said Regenschirm to Sonnenschein, "I dink we haff some rain."
"Well, if it rains," said Sonnenschein, "De ground will sure get wet,
"Und den de sun will shine und dry it up already yet."

De Sun may shine, de Rain may rain,
De Snow might snow a few,
De Wind might blow a hurricane,
It's all de same to you.
You kick because you like to kick;
Berhaps some day you'll see,
It pays to haff a pleasant smile.
Be sunny, same as me.

FRITZ BLUMENSCHNEIDER.

ST. LOUIS.

The Market.

Business for the first two weeks in September was good. The opening of the schools, which brought most of the society folks back from their summer vacations, and a few fall weddings made us a little business. The weather is cool and the florists' windows are beginning to look attractive again with their displays of cut flowers.

On Saturday, the 13th, nearly everybody in St. Louis wore a pink carnation in honor of the late William McKinley, and the wholesalers were flooded with orders, not half enough coming in to supply the demand. None of us was prepared for such a rush for this flower and most of the store men were sold out before 10 o'clock in the morning; 60 cents per dozen was the overage price asked for them, still some of the stores asked $1 per dozen, and a few as high as $2 per dozen, the wholesale price being from $1 to $2 per 100.

During the first part of the week white flowers had a fair call, with plenty of them in the market. The best roses sell well, while plenty of seconds are going to waste for the want of demand; some are more or less mildewed. Three dollars is the top price asked for the best of them.

In carnations, white are in great abundance in this market just now, but colored ones are quite scarce. From $1 to $2 is asked for them. Asters are still plentiful and of good quality, with a price on them from 50 cents to $1 per 100. Other outdoor stuff is about over and will be scarce from now on. Smilax and asparagus are looking better and the sales are reported good.

Club Meeting.

The Florists' Club held its September meeting on last Thursday afternoon at its regular rooms in the Odd Fellows' building. The meeting was called to order at 3 o'clock by President Meinhardt with eighteen members present. After the minutes of the last meeting were read the different committees made their reports. The transportation committee was discharged with thanks. The picnic committee reported a surplus of $2.50 on hand, which was turned over to the treasurer.

Mr. F. B. Call, of the St. Louis Carnation Co., was elected a member of the club, after which the new officers were installed by ex-Presidents Fillmore, Halstedt and Ammann. President Meinhardt on leaving the chair thanked the members for their support during the year. The new president, J. W. Dunford, on taking the chair, made a neat speech and outlined some of the business that would be done the coming year.

Vice-President George Windler, on taking his chair, said that he would work for the welfare of the club and do all in his power to help the new president maintain the club's present high standard. The work of Secretary Schray and Treasurer Beneke, the two old officers, was too well known to the club to need any further assurances from these gentlemen. The two trustees present, Steidle and Jnengel, received their instructions from the chair on taking their seats. William Trillow, of Chicago, an old time member of the club, was present and was called upon for a few remarks. He said that the biggest thing in Cincinnati is Peterson's Gloire De Lorraine and the biggest thing in Buffalo is William Scott. His remarks were listened to with great interest by the members. Vice-President Windler, who was the only member present that attended the convention, told us of the good time they had in Asheville and the short stay in Cincinnati.

Otto G. Koenig, son of the late Julius Koenig, was indorsed by the club for superintendent of floriculture at the World's Fair.

The next meeting of the club will be held on the third Thursday in October, owing to the big Thursday of fair week falling on our regular meeting day.

After adjournment President Dunford invited all to an elegant supper at Hotel Mozier, which was enjoyed by all.

Notes.

J. F. Ammann, of Edwardsville, Ill.; A. S. Halstedt, of Belleville, Ill.; William Winter, of Kirkwood, Mo.; J. W. Dunford, B. F. Call and John Steidle, of Central, Mo., were out-of-town members who attended the last meeting of the club.

Mrs. M. S. Vesey, of Fort Wayne, Ind., was a visitor last Saturday, calling on the trade.

W. E. Jordon and his mother-in-law, Mrs. Madden, bought the land on which the old greenhouses of the Jordan Floral Co. stand, 145 feet on Union avenue and 712 feet on North Market street, including the greenhouses, and will conduct a general greenhouse business under the name of The Jordon Greenhouses, W. E. Jordon & Co., proprietors. The place is well stocked with palms, ferns and plants of all kinds. They will have a fine lot of pot chrysanthemums this fall. The company known as the Jordon Floral Co., is now out of existence.

Base Ball.

The Tesson and Berning base ball teams will play their third game next Sunday, September 21st, for the championship, each having won a game. Both teams have asked your correspondent to act as umpire, and he has agreed to do so provided business will permit.

J. J. B.

OMAHA.

Trade is on the increase; roses and carnations are selling well. The demand for pink carnations last Saturday and Sunday was greater than at any time in the history of Omaha in a tender observance of the memory of William McKinley. All who could get them wore a pink carnation Sunday, the shade that the president loved so well, and the thought of McKinley was in the mind of every man, as the flags were at half-mast and words were spoken in almost every church concerning the martyred president. The public needs but the slightest suggestion to adopt this custom of wearing the flower as an offering to the great dead.

The Nebraska Florists' Society held its annual meeting September 13. The election of officers was as follows: J. J. Hess, president; S. R. Faulkner, vice-president; Lewis Henderson, secretary; George Swoboda, treasurer; Wm. Ellsworth, George Sorenson and John Barth, trustees.

The Nebraska State Horticultural society held its exhibit at Lincoln at the state fair the first part of the month with a very fine display of plants and cut flowers. Frey & Frey, of Lincoln, received first premium on display of plants and cut flowers; L. Henderson first on floral designs and second on plants.

The angel of death has visited us and taken Mrs. Henry Peterson, who was laid to rest last Thursday in the Forest Lawn Cemetery in the presence of many friends and florists. L. H.

BARABOO, WIS.—Nurseryman M. F. Foley has completed another large packing house in connection with the Great Northern Nursery Co. The new building is 100x25 feet and the company's buildings now cover a space of 17,000 square feet.

OSKALOOSA, IA.—The work of rebuilding the Kemble greenhouses is about completed. The heating plant is now being installed.

SEGUIN, TEX.—H. L. Neal has purchased the Roselawn Greenhouses, formerly owned by Miss E. Leonard, who died recently.

BATAVIA, N. Y.—Nelson Bogue, the nurseryman, has lost an eye and has been kept in a darkened room since early in July.

SEATTLE, WASH.—Lilly, Bogardus & Co. are planning to establish a seed farm of more than 100 acres near this city.

SAMUEL S. PENNOCK, Wholesale Florist.

Cut Dahlias.

1612 Ludlow St. PHILADELPHIA, PA.

Open from 7 30 a. m. to 6:00 p. m. Saturdays included. L. D. Telephone.

Mention The Review when you write.

Saratoga, N. Y.—The annual floral fete was favored with clear weather and the display was unusually fine. At the floral ball on Monday evening the convention hall was elaborately decorated. Laurel roping was freely used. The stage represented an Egyptian temple, the columns decorated with lotus blossom designs. On Thursday the floral parade contained only decorated vehicles, floats being excluded. It was a beautiful spectacle. At the carnival ball in the evening Queen Flora presided, attended by her court.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Three boys 17 to 18 years of age to learn the business. Also one good carnation and mum grower. Apply at or write to Greenhouses, Morton Grove, Ill. Poehlmann Bros. Company.

FOR SALE—One No. 9 Invincible Scollay hot water boiler; been in use two winters. Estimated heating capacity 2250 ft. 4-in. pipe. $160 00 cash. Cost $280.00. Deer Hill Conservatories, Danbury, Conn.

WANTED—A man to work in greenhouses; one who has had some experience and is industrious and strictly temperate, and not a cigarette fiend; will give $25 per month with board and room; should prefer a Swede or American. W. J. Hesser, Plattsmouth, Neb.

FOR SALE—One-quarter acre lot, 7 room dwelling house, grocery and 4 greenhouses and stock, stable, etc., cheap. Near Springfield, Ohio. For further information write Elmer Marsh, Vienna Crossroads, Ohio.

SITUATION WANTED—West preferred, by man of superior abilities as grower and manager on large establishment where high-grade stuff is a specialty. Proficient in mums, roses, carnations, orchids, palms, fruit under glass and general stock. Experienced in stock, tillage, truck farming, etc. Only position that offers profitable employment to the most advanced man of the day will be considered. J. Cantwell, Box 321, Glen Cove, N. Y.

SITUATION WANTED—By young man, 18 years of age, on commercial place with store attached, or large private place; four years' experience in store and greenhouse; reference, Florist, care of J. G Eisele, 11th and Columbia Ave., Philadelphia, Pa

WANTED—An all-around gardener for a private suburban place near Chicago; a young married man preferred; house and fuel free; no lawn or roads to care for; state age, number in family and wages expected. Might take a single man if reference warranted. Address E. C. N., care Florists' Review.

PERSONAL—Wanted to know the whereabouts of Prosper Henry, florist. E. R., care Florists' Review.

MUST SELL—First class establishment; central Indiana; city of 12,000; three houses well stocked with mums, roses, carnations, palms, ferns, etc. No competition. Price will surprise you. Address Cash, care Florists' Review.

FOR SALE—Anyone wishing to purchase a floral establishment at his own cash price can learn particulars by addressing Auction, care Florists' Review.

FOR SALE—Horizontal tubular boiler 48x15 with pin hat dome and with thirty-nine 3½-inch flues; very suitable for heating hothouses. Apply to Wisconsin Box Co., Wausau, Wis.

SITUATION WANTED. By an experienced storeman, wide-awake salesman, good designer and decorator. Address 75, Florists' Review.

SITUATION WANTED—First-class salesman and experienced designer and decorator; able to take full charge of store. Sober and industrious. Best refs. Address Julius A. Schnapp, 2220 Indiana Ave., Chicago.

SITUATION WANTED—Plantsman to grow fine pot plants. Ability unquestioned. Chicago or vicinity. 29 Florists' Review.

WANTED—A market gardener to work place and grow vegetables in hotbeds; must understand his trade married or single Apply at once. A. A. Harper, 1724 E. 6th Avenue, Pine Bluff, Ark.

WANTED—A young man to take charge of 8000 feet of glass and grow roses, carnations and make designs; state wages with board and room. Address J. W. Rentz, Peru, Ind.

WANTED—A few sections of Carmody boiler, not the return flue pattern. C. H. Foreman, Louisiana, Mo.

SITUATION WANTED—Position by sober, honest, reliable man; 12 years' American experience; grower of cut flowers, bedding plants, etc. Address with offers to W. Wiseley, General Delivery, Cohoes, N. Y.

FOR SALE—Greenhouse (8000 feet of glass), good boiler and chimney, dwelling and stable. Evanston, Ill., two blocks from C. & N. W. station. Good established trade direct from greenhouse. Price: ground, 150x175 feet, $4,000.00; dwelling and stable, $500 00; greenhouse, $500.00; total, $5,000.00. Terms: $2,000.00 cash, balance on time. Address 1127 Church Street, Evanston, Ill.

FOR SALE—Seven acres of land; greenhouses, over 6000 feet under glass; good location; good 7-room dwelling house; No. 1 flowing well; good business; retiring from business on account of failing health. For particulars address T. Kloss, St. Peter, Minn.

SITUATION WANTED—By single German, age 40, as grower of roses, carnations violets, mums and miscellaneous plants; good designer and able to take full charge; 26 years' experience; temperate and industrious; disengaged Sept. 15. Please state particulars in first letter. Address Illinois Grower, care Florists' Review.

SITUATION WANTED—By Oct. 20th as foreman on medium sized place; grower of roses, carnations and a general line of cut flowers. Address L, care Florists' Review.

WANTED—An experienced cut-flower grower; an elderly man preferred. Address Schluraff Floral Co., Erie, Pa.

WANTED—A young man with some practical experience in general greenhouse and office work as assistant. Must be of sober and steady habits and every way reliable. Give references and state wages expected without board. Address Edna, care Florists' Review.

FOR SALE—A great bargain. Three greenhouses, 6000 feet of glass, well stocked with carnations chrysanthemums, roses and general bedding stock, in a live, growing town in Western Pennsylvania. Address Bargain, care Florists' Review.

FOR SALE—One flat boiler, in good condition, 3½ inches high, 3x8 feet; has heated one rose house 24x90 feet; one flow and two returns for 4-inch pipe; price $15.00. Delivered on car in St. Paul. Henry Krinke, 43 West Jessamine Street, St. Paul, Minn.

WANTED—Small hot water boiler for soft coal, to heat 1000 feet of glass; state size, make and condition. Nemaha Greenhouses, Seneca, Kansas.

SITUATION WANTED—As working foreman on commercial place where first class stock is wanted; 15 years' practical experience; reference. Ed. Wiseman, 1502 Buchanan Avenue, St. Joseph, Mo.

FOR SALE—Greenhouse, containing 4000 feet of glass in a lively and growing town in Northern Indiana; a new 6-room dwelling on place. A rare chance for a good florist with small capital. Write for particulars to W. G. Haebich, Auburn, Ind.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Address S. S., care Florists' Review.

WANTED—750 feet 1-inch, and 275 feet 2-inch wrought iron pipe; second hand, but must be good. M. A. Barick, Seymour, Ind.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

WANTED—A working foreman to take charge of 22,000 square feet of glass where first class roses and carnations are to be grown, also one house of poinsettia; one assistant. State age and wages expected, including boarding and washing. Apply to John L. Wyland, De Haven, Pa.

Wanted. 2000 to 3000 California Privet, 5 to 6 feet.

Also quantity of **Clumps of Lily of the Valley.** Quote sizes and prices.

Address A, B, C, care Florists' Review.

FOR SALE.

SIX GREENHOUSES, about 60 feet long; stocked; 4 of them heated by hot water, 2 by flue; located in a cemetery, center of city; the ground can be leased for a number of years; also good local trade. Can be bought cheap, owner retiring on account of old age. Apply at

MITCHELL'S SEED STORE,
1018 Market St., PHILADELPHIA, PA.

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; tarms reasonable; best of reasons. Correspond with

ROBERT P. TESSON, Trustee,
4248 Oliva Street. ST LOUIS, MO.

WANTED.

ROSE GROWER and NIGHT FIREMAN.

ROSE GROWER thoroughly competent to grow **Beauty** and **Teas.**

NIGHT FIREMAN to understand **pipe-fitting.** State reference and wages.

W. K. PARTRIDGE,
LOCKLAND, near CINCINNATI, OHIO.

Mention The Review when you write.

RETURN YOUR EXHAUST STEAM WITH

PRATT & CADY'S AUTOMATIC TRAP.

I have three second-hand traps in first-class condition **FOR SALE CHEAP.** Also two 75 horse-power steam boilers and one Furman, No. 11, steam. One small Scollay boiler, No. 4, in good condition.

ALL AT A BARGAIN.

A. N. PIERSON, Cromwell, Conn.

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LEO NIESSEN,
VALLEY, BEAUTIES.

N. W. Cor. 13th and Filbert Streets,
PHILADELPHIA, PA.

Store open from 7 a. m. to 8 p. m. until further notice.

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SELECTED WHITE CALLAS....

Sound, well cured California grown Bulbs and free from disease. No blind bulbs sent out.
3-5 inches in circumference, 50c per doz.; $3.50 per 100.
4-6 " " 75c " 5.50 "

SELECTED FREESIAS, exceptionally fine California Bulbs, suitable for florists. 10c per doz.; 60c per 100; $5.00 per 1000.

WHITE ROMAN HYACINTHS, 12-15 centimeters, splendid bulbs.....35c per doz.; $2.50 per 100; $21.00 per 1000.

PAPER WHITE GRANDIFLORA NARCISSUS, 13 centimeters, $1.00 per 100; $9.00 per 1000.

Every florist should have our **FALL BULB LIST.** Write for it.

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

Mention The Review when you write.

CINCINNATI.

The Market.

The general increase of business in all lines reported last week proved to be of a substantial form, for instead of showing any inclination to slow up it is still continuing to increase, with every prospect that the increase will be sustained. The weather has turned decidedly cooler, even to the extent of a light frost Saturday night, but no damage to outdoor stock has been heard of at present. The temperature is gradually rising now, and it looks as if the cool snap was a thing of the past.

Many openings during the past week used up great quantities of stock of such a grade which is hard to dispose of for anything else. Short-stemmed roses and carnations from the field were in great demand, and more could have been handled, as Saturday saw all the wholesale houses entirely cleaned out. Asters also helped out in many cases, and they, too, were entirely sold out. The demand for Beauties is greater than for any other flowers, save carnations. Short and long stem sell on sight, and many orders have to be turned down from lack of stock to fill them. If the present demand is any indication of what the winter call will be, then surely the American Beauty will be the top-liner for the coming season.

Mr. C. C. Murphy was right "in it" with field-cut carnations. His cut ran way up into the thousands, and there was a ready sale for all of them. They brought $5 per 1,000. They were just in in time for the openings. Now most of the plants are housed.

Monday was the opening of the Fall Festival, which this year reaches almost the size of our old-time expositions, with the festival features on the side. It will undoubtedly be a great success, and incidentally place a few dollars in the florists' pockets. Besides the two floral exhibits, for which very fair prizes are offered for table decorations, designs, wedding bouquets, etc., there is to be a civic parade on September 22, and sixteen fire engines from different parts of the city will be in line, decorated entirely with natural flowers. This will use up great quantities of flowers, and also give some of the florists a chance to show what they can do, as it is no cinch to do a good job on an engine.

Various Items.

The opening of the season at the Grand Opera House called forth some fine creations of floral art. Julius Baer especially contributing some extra fine work.

Charlie Jones has just about completed remodeling his Walnut Hills store, and it is certainly a credit to the hill. Charlie is always very quiet when speaking of his own business affairs on the hill, but, judging from appearances, he is doing a very good business there.

B. P. Critchell is now cutting some of the best white carnations that come to this market. The variety is Flora Hill, and this goes to prove that this variety is still very near the top among whites.

A number of cows broke through the fence and did considerable damage on Mr. Ernsterhoff's property at Evergreen, Ky.

Mr. Ernst Manthy, Jr., of St. Bernard, Ohio, and Miss Cora Grossman will be married Wednesday evening, September 17, at 8 o'clock. They will at once begin housekeeping at St. Bernard.

Mr. C. E. Critchell, manager of the Atlanta Floral Company's green houses and retail store at Atlanta, Ga., is in this city paying a short visit to his home folks and others. He is also on the outlook for various kinds of stock. He reports trade to be first-class in the South and prospects fine. He will go to Richmond, Ind., before his return to the South.

Mr. R. Brown, of Sidney, Ohio, was a caller.

C. J. OHMER.

FERNS. TO MAKE ROOM QUICK, NOTE REDUCTION.

Neph. Cordata Com., 2½-inch, $3.50 per 100; 3-inch, $4.00 per 100; 4-inch $8.00 per 100.
Boston Ferns, 2½-inch, $2.75 per 100; 3-inch, $4.00 per 100.
Asparagus Sprengeri, 4-inch, $6.00 per 100.
Asparagus Plumosus, 3½-inch, $5.00 per 100.
New Double Begonia Semp., strong 3-inch, $4.00 per 100. Order quick with cash.

HENRY ERNST & SON, Washington, Mo.

Mention The Review when you write.

MINNEAPOLIS, MINN.—At the state fair the principal prize winners in the trade floral classes were Minneapolis Floral Co., R. J. Mendenhall, E. Nagel & Co., John Vasatka and Geo. Mohler. Gust Malmquist was the judge.

DANVILLE, ILL.—A new palm house, 30x70, with iron frame, is being added to the glass at the National Soldiers' Home here. H. D. Caldwell is the florist in charge.

NEW YORK.—Mr. Aug. Rhotert returned from an extended tour in Europe last Saturday.

GEORGE M. MOSS,
WHOLESALE FLORIST,
Beauties, Brides, Maids, Carnations, Smilax and Asparagus.
32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.
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EDWARD REID
WHOLESALE FLORIST.
A large Stock of Roses, Carnations, Valley and other Flowers.
1526 Ranstead St, PHILADELPHIA.
Store closes at 6:30 P. M. Saturday, 1 P. M.
Long Distance Telephone.
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FRED. EHRET,
WHOLESALE FLORIST,
Specialties: Bridesmaids, Brides and Beauties.
1403-05 Fairmount Ave., Philadelphia.
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WHOLESALE FLORIST.
Large assortment of
Roses, Carnations and Asters.
11 South 16th Street.
PHILADELPHIA, PA.
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PITTSBURG CUT FLOWER CO. Ltd.
WHOLESALE FLORISTS, Pittsburg, Pa.
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Garland Evergreen Co.
Shippers of all kinds of
Decorative Evergreens, Wild Smilax, Fancy and Dagger Ferns, Mosses, Holly, Etc.
Also Southern Smilax Plants.
Wire for prices. GARLAND, ALA.
Mention The Review when you write.

....THE....
Elizabeth Nursery Co.
ELIZABETH, N. J.
OFFERS
100,000 Field-Grown Phlox
at $6.00 per 100, $50.00 per 1000.
Clematis Paniculata, in large quantities,
No. 1, $6.00 per 100, $50.00 per 1000.
CRIMSON RAMBLERS.
2 to 3 feet, $6.00 per 100; 3 to 4 feet, $10.00 per 100; $80.00 per 1000.
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Charles Millang, 50 W. 29th St. NEW YORK.

O ye! our buyers here in gay Manhattan,
And you, our shippers true, whose purse we fatten!
Remember, **Lilies**;—South, North, East and West—
Seem all to know the man who sells them best;
And still this song the Lilies sing—Long live Millang, the "Lily King."

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it.

TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

TORONTO.

It was a pleasant but by no means an easy task to judge the various exhibits of plants staged at the exposition now in progress, for while the number of exhibitors are not numerous, they are so strong as to be able to fill several classes. All the stock shown was in a high state of cultivation. The principal members of the trade were Manton Bros. and Granger, who pluckily combated the forces of the Parks, Central Prison and Normal School, and by so doing kept up a general interest in these exhibitions. As prizes of considerable value are offered, apart from honor, the result is always awaited with considerable anxiety.

Whilst in the city I ran out to John H. Dunlop's, and in the absence of that gentleman was piloted around by Albert Houle, who showed me the new range of houses built on the full span, open at gutter plan, erected by the King Construction Co., who are also building several similar houses at the Dale plant. Mr. Houle explained that the healthy condition of the Liberties was presumably due to the fact that the conditions were congenial. They keep the temperature around 62 and give the plants no rest. They are full of promise for the winter. Meteors and Beauties are very healthy, also other kinds. Grafted stock will be grown exclusively in the future, Mr. Dunlop being a firm advocate of this method.

He is also a believer in the full span house and butted glass. He has shown some ingenuity by inventing a gutter support made of cast iron, V shaped, upon which the gutter plate rests. In carnations, growing outdoors is preferred to summering in the house, as they make stronger growth; and whilst they do not come into flower so quickly, they are in the end more satisfactory. Chrysanthemums and single violets are in fine shape, and with the carnations and roses so full of promise, a rich harvest may be anticipated. W. M.

SALEM, O.—William Mundy will admit to partnership on Oct. 1 Harry Miller, a young florist of Alliance, Ohio, and the firm will be known as Mundy & Miller.

SPRINGFIELD, O.—The Springfield Floral Company, which purchased the Doyle greenhouses, has completed a large, new, modern house and has put the old plant into first-class shape.

NORTH YAKIMA, WASH.—Plans are being made for a range of glass to be built here for the production of cut flowers. Prof. F. A. Huntly, formerly in charge of the horticultural department of the Agricultural College of Idaho, is interested in the project.

MADISON, N. J.—The seventh annual flower show of the Morris County Gardeners' and Florists' Society will be held Nov. 6 and 7. Chas. H. Atkins is secretary.

JAMES McMANUS, 50 W. 30th St., NEW YORK. Tel. 759 Madison Square.

Beauties, Meteors, Brides and Bridesmaids are the leaders.

The highest grade of **VALLEY** always on hand. **ORCHIDS** a Specialty.

HEADQUARTERS FOR NOVELTIES.

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THE PIONEER HOUSE of the Cut-Flower Commission Business. Open every day at 6 a. m. Always "on deck." Your business interests never neglected.

J. K. ALLEN

WHOLESALE FLORIST.

106 W. 28th Street, Tel. No. 168 Madison Sq. **NEW YORK CITY**

We ship all over the U. S.

Out-of-town florists telegraph your needs. Consignments of first class flowers always realize with us the best market prices.

If years of great success and reputation for stability.
Are proof of first class goods and true reliability,
Then why the shadows follow, why seek elsewhere what you need?
We may not do all the business, but you well know that we lead.

Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

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MOORE, HENTZ & NASH, Wholesale Florists,

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SHIPPING ON COMMISSION.

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Geo. Saltford, WHOLESALE FLORIST,

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CONSIGNMENTS OF ALL FIRST CLASS FLOWERS SOLICITED. VIOLETS our specialty.

Mention The Review when you write.

HARDY CUT FANCY AND DAGGER FERNS

Mosses, Laurel, Bouquet Evergreen, Festooning, Wreaths, Hemlock and Spruce Boughs.

H. J. SMITH, P. O. Box 181 **Hinsdale, Mass.**

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The Florists' Review. New York Office: 2688 Broadway.

J. AUSTIN SHAW, Manager.

JOHN YOUNG

Special American Beauties, Surpassing Carnations, Lily of the Valley, Orchids and all seasonable flowers.

51 W. 28th St., NEW YORK.

Tel. 1905 Madison Sq.

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YOUNG & NUGENT,

42 West 28th Street, Telephone 2065 Madison Sq. **NEW YORK,**

Are supplying the most superb stock of Summer Flowers ever offered to New York buyers. Meteor, Liberty, Beauty, Bride and Maid Roses. Splendid Cattleyas Gigas and Mendelii.

Send for quotations.

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Established 1891.

GEO. E. BRADSHAW. JOHN R. HARTMAN.

BRADSHAW & HARTMAN, Wholesale Florists,

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Consignments Solicited.

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A. J. FELLOURIS,

Wholesale and Retail Dealer in all kinds of

EVERGREENS.

GALAX, Bronze and Green, $1.00 per 1000.

FERNS, FANCY.....$1.50 per 1000. DAGGER.....75c "

468 SIXTH AVENUE, Between 28th and 29th Streets, NEW YORK.

Telephone 1431 Madison Square.

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N. LECAKES & CO.

53 West 28th St., (BASEMENT) **NEW YORK.**

Telephone 1239 Madison Sq.

Ferns, Galax Leaves and Leucothoe Sprays

OUR SPECIALTIES.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of

MACHINE WIRED TOOTHPICKS

10,000....$1.50; 50,000....$6.25

3000 6-inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

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Asparagus Sprengeri.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

BEGONIA REX—Best named varieties. Special price to make room, from 2½-inch pots, $1.00 per 100.

CAREX JAP. VARIEGATA—A very useful decorative grass, from 2¼ inch pots, $2.50 per 100.

CYPERUS ALTERNIFOLIUS—Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100.

DOUBLE SWEET ALYSSUM—Do not forget this useful flower. Strong bushy plants from 3-inch pots, $4.00 per 100.

VIOLETS. Princess of Wales—Field-grown clumps, free from disease. Plant now. Second size, $3.00 per 100.

CALIFORNIA—Field-grown, second size, $3.00 per 100.

LADY CAMPBELL—Pot-grown plants of this variety give better rseults than field-grown stock. Extra strong from 3-inch pots, $3.50 per 100.

PRIMROSES. (Chinese)—After several years of careful tests, we are now able to offer stock from the finest imported seed. Can guarantee satisfaction. From 3-inch pots, in white, light pink, scarlet and blue, $5.00 per 100.

NATHAN SMITH & SON

ADRIAN, MICH.

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SPECIAL CLEARING SALE.

To Move Quick we will offer the following stock, strictly first class in every respect and true to name, at the following reduced prices:

15,000 Geraniums, from 2½-in. pots. **Jean Viaud** (the pink novelty of the day), $3.00 per 100. **Duchess of Orleans** (the variegated wonder), Beaute Poitevine, E. G. Hill, Mme. Jaulin, Alphonse Riccard, Thos. Meehan, L. P. Morton, Athlete Mme. Bruant, $2.00 per 100; $18.00 per 1000. Frances Perkins and S. A. Nutt (the leading bedders), $1.50 per 100; $15.00 per 1000.

25,000 Smilax, extra strong plants, from 2¼-inch pots, ready for planting, $1.00 per 100; $8.00 per 1000.

10,000 Asp. Sprengeri, extra strong 2¼-in., $1.50 per 100; 2½-in., fine, $2.00 per 100. CASH.

The W. T. Buckley Plant Co.,

SPRINGFIELD, ILL.

Mention The Review when you write.

BOSTON FERNS!

We are headquarters in the west for them. Write us about 2½, 3, 4, 5, 6, 7, 8 and 10 inch sizes.

Asparagus Plumosus .....and Sprengeri!

2½, 3, 4 and 5-inch.

Smilax. 2 and 3-inch.

A lot of 5-in. **Hibiscus** to close, $1.50 per doz.

Cinerarias. In 2½ and 3-inch.

Geraniums. R. C. now ready. Write

GEO. A. KUHL, Pekin, Ill.

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The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

Always mention the Florists' Review when writing advertisers.

CYCLAMEN PERSICUM GIGANTEUM.

We offer new crop seed recently received from the most noted European apecialist. We know this strain, and can safely say it is as near perfection as any offered. We can supply it in four colors and mixture, viz.:

	Per 100 seeds.	Per 1000 seeds.
Pure White	75c	$6.00
Blood Red	75c	6.00
Rose	75c	6.00
White, with Carmine Eye	75c	6.00
Finest Mixed	60c	5.00

We can also furnish **STRONG PLANTS** of the same strain in 3-inch pots:

Separate Colors, $1.25 per doz; **$9.00** per 100. **Mixed Colors, $1.00** per doz.; **$8.00** per 100.

HENRY A. DREER

PHILADELPHIA, PA.

Mention The Review when you write.

Rose Plants for Winter Bloom

	Per 100	1000
1500 Golden Gate, extra fine 3 in.,	$5.00	$40.00
1500 Meteor, extra fine, 3-in.	5.00	40.00
1500 Kaiserin, extra fine, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyers. Terms cash with order.

ADDRESS

S. Alfred Baur, ERIE, PA.

GERANIUMS!

Good Assortment, Standard Varieties, from 2¼-in. pots, **$2.00** per 100.

Giant Double Alyssum, 2¼-inch pot, $2.00 per 100.
Hardy English Ivy, 2¼-inch pot, $2.00 per 100.
Swainsona Alba, 2¼-inch pot, $2.00 per 100.
Baby Primrose, 2¼-inch pot, $2.00 per 100.
Lemon Verbena, 2¼-inch pot, $2.50 per 100.

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

Asparagus Plumosus Strong plants from 2-in. pots, **$4.00 per 100; $30.00 per 1000.**

ROSES Fine, strong 4-in. pot plants of Ivory, **$15.00 per 100.**

5,000 ENGLISH IVY Strong plants in 3-in. pots, **$5.00 per 100; $35.00 per 1000.**

ISAAC H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

VIOLETS, Imperial, M. Louise, Swanley White, from 3 in., $3.75 per 100; $35.00 per 1000.

SMILAX, 3-inch, $3.00 per 100; $20.00 per 1000.

CARNATIONS. Bradt, Flora Hill, White Cloud, Morning Glory, Crane, Mme. Chapman, Genevieve Lord, Norway, White Daybreak, Daybreak and Glacier. Write for prices.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

...THE...

Model EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. July 27, 1897; May 17, 1898.

Write for prices and circulars.

IGOE BROS.

226 N. 9th St., Brooklyn, N. Y.

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BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hardwood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100: **$45.00** per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Clearance Sale of ROSE PLANTS.

Elegant stock—never offered better plants. **Brides** and **Meteors,** 3-in., $2.50 per 100; $19.00 per 1000. Cash with order.

BRANT & NOE, Forest Glen, Chicago.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo, N.Y.

Mention The Review when you write.

PAINTING BOILERS.

We are changing the position of two 25-H. P. tubular steam boilers. One of these has been in use about three years and the other seven years. Would it be of any advantage to give them a coat of paint before enclosing them in the brickwork? If so, please state what kind of paint you consider most desirable for the purpose.

What is the best mixture to apply to rusty steam pipes? H. L. J.

In reply to H. L. J., the boilers should be well brushed off on the outside with a wire or other stiff brush and be painted with a coat of red lead and raw linseed oil before resetting. The rusty heating pipes should be well brushed with a stiff steel wire brush, in order to remove the scales of rust, and then with a stiff dusting brush to remove the fine coating of rust dust. They should then receive a coat of red lead and raw linseed oil, well brushed on, after which, if it should be desired, give them a coat of lamp black and lead for a more pleasant appearance than red lead. Red lead is the best preventive of future oxidization. Henry W. Gibbons.

New York.

SAVING ASTER SEED.

Replying to the inquiry regarding method of gathering and curing aster seed, the practice is to save seed from only the most perfect flowers and to cut the heads containing the seed before they are fully ripened. They are then allowed to thoroughly dry out in an airy room without fire heat, being laid thinly on sheets of paper. Old newspapers answer very well. R. R. M.

WILD SMILAX.

It appears that Mr. A. C. Oelschig, of Savannah, Ga., was the first to note the commercial value of the southern wild smilax, and was the first shipper of same, starting some five years before any other southern shipper.

The autumn catalogue of bulbs, seeds and florists' supplies recently issued by W.W. Barnard & Co., Chicago, has a very attractive half-tone cut on the title page showing a little girl in an artistically arranged group of lilies and decorative plants. The list of stock offered is very full and complete.

The autumn wholesale catalogue of bulbs and plants of the Clucas & Boddington Co., New York, has been issued. It lists a full line of stock, and is very attractively illustrated. A half-tone engraving of the new building occupied by the firm indicates that their business is expanding very rapidly.

Syracuse, N. Y.—A large party of Utica florists visited the city September 10 and attended the state fair. They played a bowling match in the evening with the local florists.

Stevens Point, Wis.—Chas. Helm is adding a large new greenhouse to his plant.

Winnepeg, Man.—The recent annual exhibition of the Manitoba Horticultural Society was a notable success.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

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Good commercial varieties, $10.00 per 1000.

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CELERY—In varieties, 15 cts. per 100; $1.00 per 1000.

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Cash with order.

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3500 Giant dbl. alyssum, 3-in. pots, extra fine, bushy, $3.00 100, $25.00 1000. 250 at 1000 rate. Cash with order, please.
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Double sweet alyssum, strong, bushy plants, 3-in., $4.00 100. N. Smith & Son, Adrian, Mich.

Giant dbl. alyssum, 2¼-in. $2.00 100.
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Water hyacinths, the best selling novelty of the day; will grow in any kind of a dish or globe; $1.00 per doz., $5.00 per 100, cash.
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We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
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4½-inch pots .....$12.00 per 100
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Great value; speak quickly if you want them.
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Asparagus Sprengeri, 2½-inch...$4 00 per 100
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10000 A. Sprengeri, extra strong 2¼-in., $1.50 100; 2½-in., $2.50 100.
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Asparagus plumosus, 3-in., 5c; 4-in., 15c; 5-in., 25c. Fine plants in fine condition.
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Asparagus Sprengeri, 4-in., $6.00 100. A plumosus, 3½-in., $5.00 100. Cash.
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Bay Trees. Largest stock in America.
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1000 pink and white bouvardia, $8.00 100. Leo. Niessen, 13th and Filbert sts., Philadelphia, Pa.

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Selected FREESIAS, exceptionally fine California bulbs, suitable for florists: 10c doz., 60c 100, $5.00 1000.
White Roman HYACINTHS, splendid bulbs, 12-15 cms., 35c doz., $2.50 100, $24.00 1000.
Paper white grandif. NARCISSUS, 13 cms., $1.00 100, $9.00 1000.
Every florist should have our fall bulb list. Write for it.
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Freesias now ready. ⅜ inch and up in diameter, at $2.00 per 1000, delivered anywhere in United States. Calla Bulbs, 1 to 1½ inches in diameter, $3.25 per 100, delivered anywhere in the United States. For large quantities write for prices. Orders from unknown correspondents must be accompanied with cash. Remember these prices include delivery.
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Paper white grandiflora	$1.00	$9.00
Paper white grandiflora, selected bulbs	1.25	10.00
Von Sion, double nose, selected	2.00	18.00
Von Sion, mammoth bulbs	1.75	14.00
Von Sion, first size	1.50	12.00

STUMPP & WALTER CO., 50 Barclay St., New York.

Now ready.	100.	1000.
L. Harrisii, 5x7	$ 3.75	$ 35.00
L. Harrisii, 7x9	9.50	90.00
Callas, 1¼ to 5¼-in., circ	5.50	50.00
Roman Hyacinths, 12 to 15 cms.	2.50	24.00

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FALL BULBS. Callas, candidums, freesias, Romans, paper whites, etc., now ready. If you have not received our list of fall bulbs send for a copy. W. W. BARNARD & CO., 161 Kinzie St., Chicago.

Narcissus and Daffodils, Guernsey Lilies, Arum Lilies and Belladonna bulbs at moderate prices.
A. J. Collas, Paradise Vineries, Guernsey, Channel Islands.

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Lilium Harrisii, healthy, unblemished stock, 5x7, $4.00 100, $35.00 1,000; 7x9, $8.00 100, $70.00 1,000. Send for our new catalogue.
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CALLA BULBS, 1 to 1½-in., offered for this week only at $2.75 per 100. Cash with order.
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Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.
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Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
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Calla and Belladona bulbs. Write.
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Calla bulbs, 1st size, $4.00 100.
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Old-Man Cactus, 4—5 in. high, $3.00 per doz., $20.00 per 100; 6—8 in. high, $4.00 per doz., $30.00 per 100. Prices include prepayment by parcel-post.
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Stapelia variegata (star cactus), $3.00 100; makes fine border; will live and bloom all winter in southern states. Cash with order.
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50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

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	No. 1	No. 2
1000 Russell	$5.00	$3.00
800 Gomez	4.00	2.00
150 Norway	5.00	3.00
100 Marquis		3.00
150 Crane		3.00
200 Armazindy	4.00	2.00
200 Genevieve Lord		3.00
200 America	4.00	2.00

Cash with order from unknown parties. Packed to carry safely by express.
CHAS. BLACK, Hightstown, N. J.

Field-grown carnations; fine, strong, healthy plants:

850 Flora Hill	$5.00 per 100
500 Glacier	5.00 per 100
250 Ethel Crocker	4.00 per 100
87 Guardian Angel	5.00 per 100
100 Morning Glory	5.00 per 100
75 Gomez	4.00 per 100
100 Melba	4.00 per 100
100 Mrs. James Dean	4.00 per 100
100 Mrs. Chapman	4.00 per 100
50 Eldorado	4.00 per 100

Central Michigan Nursery, Kalamazoo, Mich.

FIELD-GROWN CARNATIONS.

	1st size.		2d size.	
2000 Norway	$8.00	100	$6.00	100
1000 Flora Hill	6.00	100	5.00	100
1500 Mermaid	6.00	100	5.00	100
500 Egypt	5.00	100	4.00	100
500 Maceo	5.00	100	4.00	100
300 Gov. Roosevelt			5.00	100
200 Lorna			6.00	100
300 Queen Louise			6.00	100

W. E. HALL, Clyde, Ohio.

FIELD-GROWN CARNATIONS.

	100.		100.
Queen Louise	$7.00	Buttercup	$7.00
Gov. Roosevelt	7.00	Irene	7.00
Prosperity	7.00	Bon H. Richard	7.00
Goodenough	7.00	Norway	7.00
Lippincott	5.00	Victor	5.00
Lord	5.00	Portia	5.00
Marquis	5.00	Daybreak	5.00
Eldorado	5.00	C. A. Dana	5.00

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MURPHY'S WHITE. A commercial white carnation; vigorous and healthy grower; early, free and continuous bloomer; stem and calyx its strong points. Will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1000, $45.00 5000.

I am headquarters for Estelle cuttings. Price: $4.00 100, $30.00 1000.
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Carnations, 1500 of the following varieties:

White Cloud,	Marquis,
Flora Hill,	Armazindy,
Crane,	Argyle,
Mrs. Lawson,	Ethel Crocker,
Triumph,	Evanston,
Genevieve Lord,	

Very strong, healthy plants (take up well), $5.00 per 100. Crane and White Cloud, $6.00.
Crown Point Floral Co., Crown Point, Ind.

FIELD-GROWN CARNATIONS.

	12.	100.		12.	100.
Cressbrook	$3.00	$15.00	Egypt	$1.00	$7.00
Norway	1.50	8.00	Mermaid	1.00	5.00
Prosperity	1.50	8.00	Goethe	1.00	5.00
Lord	1.00	7.00	Beau Ideal	1.00	5.00

The above are in good shape, ready for immediate shipment. 25 plants one variety at 100 rate.
H. WEBER & SONS, Oakland, Md.

Field-grown carnations, large, healthy plants.

	Per 100.	Per 1000.
White Cloud	$4.50	$40.00
Daybreak	4.50	40.00
America	4.50	40.00
William Scott	4.00	35.00
Lizzie McGowan	4.00	35.00
Portia	4.00	35.00

Terms cash or C. O. D.
THE BOOL FLORAL CO., Ithaca, N. Y.

To clean up the field I offer the following:

500 Egypt, 1st size	$5.00 per 100
100 Gomez, 1st size	5.00 per 100
200 Queen Louise, 2d size	4.00 per 100
300 Morning Glory, 2d size	3.00 per 100
100 Norway, 2d size	4.00 per 100
150 Marquis, 2d size	4.00 per 100
200 Gomez, 2d size	3.00 per 100

C. L. HOWE, Dover, N. H.

Field-grown carnations—Fine, strong, healthy plants of Mrs. Lawson, Prosperity, Mrs. Bradt, Queen Louise, Marquis, Genevieve Lord, Ethel Crocker, Joost, Daybreak, Wm. Scott, Jubilee, Crane, America, Gomez, Maceo, Eldorado, at $5.00 per 100, to close them out. Cash with order. Also a few hundred Maids and Brides, 3½-in. pots, $4.00 per 100. M. J. Lyach, Ponghkeepsie, N. Y.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$7.00	$60.00	Lord	$5.00	$40.00
Marquis	6.00	50.00	Melba	5.00	40.00
White Cl'd	6.00	50.00	M'Richm'd	5.00	40.00
Hill	6.00	50.00	Scott	4.00	30.00

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

EXTRA FINE, FIELD-GROWN PLANTS.

	100		100
White Clond	$8.00	Gen. Gomez	$6.00
Prosperity	8.00	E. Crocker	5.00
Norway	6.00	Wm. Scott	5.00
Mrs. Joost	6.00		

LEO. NIESSEN, 13th and Filbert sts., Philadelphia, Pa.

FIELD-GROWN CARNATIONS.

Marquis,	Genevieve Lord,
Daybreak,	Morning Glory,
White Clond,	Frances Joost,
Ethel Crocker,	Triumph,
Melba,	Gov. Griggs,

Fine, strong plants, $40.00 per 1000.
W. F. KASTING, Buffalo, N. Y.

For Sale or Exchange—McGowan, Scott, Kitty Clover, Tidal Wave, at $4.00 100, and a very light pink seedling that is much better than Scott ever was, at $6.00. All plants in fine shape. Will exchange for violets, dbl. and single; A. plumosus, and a good scarlet carnation. If you have anything else to exchange, write. E. Wickersham & Co., Pottstown, Pa.

Surplus stock of field-grown carnation plants:

Crocker	Cerise Queen
Eldorado	Scott
Daybreak	Joost
Meteor	America

Extra strong field-grown plants, $4.00 100, $35.00 1000.
J. B. HEISS, Dayton, Ohio.

5,000 Freedom from select stock; a good all-round white; $5.00 100; $45.00, 1000.

	100.		100.
1000 Hill	$4.00	100 Melba	$6.00
500 Scott	4.00	200 Portia	4.00
400 Joost	6.00	100 Bon Ton	5.00
300 Tidal Wave	4.00		

C. E. ALLEN, Brattleboro, Vt.

Carnation plants—Prosperity, Mrs. Bradt, Gen. Gomez, Ethel Crocker, Mrs. Joost, Wm. Scott, Lizzie McGowan and others. Also Marie Louise Violets. This stock is good, clean and healthy. Will sell cheap. Write for price and say what you want. J. Bennett, Blue Point, L. I., N. Y.

FIELD-GROWN CARNATIONS.

$4.00 per 100.	$35.00 per 1000.
4000 Lord	2000 Norway,
2000 Egypt,	200 Triumph,
	250 Peru.

GRAND RAPIDS VIOLET CO., Grand Rapids, Mich.

Healthy, strong field-grown carnations.

575 Crane	75 Jubilee
100 Marquis	450 Daybreak
420 Joost	50 Chicago
300 Maceo	

At $4.00 per 100; $35.00 per 1000.
JOSEPH LABO, Joliet, Ill.

FIELD-GROWN CARNATIONS.

	100	1000		100	1000
Lawson	$7.00	$60.00	Jubilee	$4.00	$35.00
Crocker	5.00	45.00	Scott	4.00	35.00
Lord	4.00	35.00	Hill	5.00	45.00
Daybreak	4.00	35.00	Prosperity	10.00	

S. T. DANLEY, Macomb, Ill.

150 McGowan	3 c	600 Avondale	4 c
150 Jubilee	3½c	100 Crocker	4 c
100 Daybreak	3½c	400 F. Hill	4½c

Will exchange any of the above for Lawson, Estelle and Glacier. Let us hear from you at once; first come, first served.
CHESSMAN & SCHEPMAN, Richmond, Ind.

1500 carnation plants of Mrs. F. Joost, Gen. Maceo, G. H. Crane, Daybreak, White Cloud, and Elm City. We consider a plant with from 9 to 15 shoots a fair plant, and these are what we offer. Healthy and strong from the field. Cash with order.
C. A. Gardner, Wakefield, Mass.

Field-grown carnations. Hill, White Cloud, Daybreak, Crane, Jubilee, Victor, Meteor, Joost, Morello, $6.00 per 100. Lord, Scott, Dana, Crocker, $5.00 per 100. Delivered in lots over $5.00 in N. Y., Pa. and Eastern states. Cash with order. F. H. Llewellyn, Olean, N. Y.

8,000 fine, healthy Joost, Crocker, D. York, $3.50 100. Scott, Cartledge, Bundy, $3.00 100. Cash with order.
Roney Bros., West Grove, Pa.

Field-grown plants of Gomez, Joost, $5.00 100; Daybreak, Scott, McGowan, $4.00 100. Isabella Greenhouses, Box 82, Babylon, N. Y.

"The Challenger," ever-blooming and best all-around scarlet carnation. A few thousand extra fine plants at $10.00 per 100; $75.00 per 1000. A few hundred each Mrs. F. Joost and The Marquis, at $6.00 per 100. Cash with order. William Hoffman, Pawtucket, R. I.

I have about 2000 Wm. Scott and 1000 Lizzie McGowan plants, extra fine, free of all diseases, which I offer at $4.00 per 100. Will be pleased to have you call and examine the plants before ordering. Cash with order, please.
W. B. Jobes, box 300, Bordentown, N. J.

Field-grown carnation plants—Wm. Scott, Lizzie McGowan, G. H. Crane, Ethel Crocker. Also Callas and Freesias; these plants are in good condition. Hail destroyed my glass and I have no use for plants. James T. Reid, East Downington, Pa.

Carnation plants—About 1000 still in the field, strong and free from disease. Varieties—America, Ethel Crocker, Mrs. Bradt, Gen. Gomez. First size, $5.00 per 100; second, $3.00 per 100. Mrs. Geo. E. Mercer, Bowling Green, Ohio.

Field-grown carnation plants; strong and perfectly healthy. Per 100:

Marquis	$6.00	White Cloud	$5.00
Norway	6.00	Joost	5.00
Genevieve Lord	6.00		

S. J. REUTER, Westerly, R. I.

Strong, healthy carnation plants that have not been allowed to bloom. Per 100: Elma, light pink, $8.00; America, red; Jubilee, scarlet; Joost, pink, $6.00. Cash.
BAUR & SMITH, 38th and Senate, Indianapolis, Ind.

50,000 field-grown carnations—Wm. Scott, Mrs. F. Joost, The Marquis, Melba, Albertini, John Young, Jubilee, Gen. Gomez, Ethel Crocker, G. H. Crane. $3.50 per 100; $30.00 per 1000. S. G. Bryfogle, Bloomsburg, Pa.

A No. 1 carnation plants—200 G. H. Crane at 4c, 100 Bradt at 4c, 400 Marquis at 3c, 400 Flora Hill at 4c, 200 White Cloud at 3c. These are fine plants and will please you. Write Kring Bros., Fairbury, Ill.

Carnations, strong plants from well-drained soil. Flora Hill, 1st size, $6.00; 2od size, $3.50 100. Joost, Crocker, Dean, John Young, 1st size, $5.00; 2nd size, $3.00 100.
John Curwen, Glen Head, L. I., N. Y.

20,000 field-grown carnations, extra fine and healthy; all cuttings taken from flowering stems. Lizzie McGowan, $3.00 per 100; Russell, good pink, moves easily, $4.00 per 100. Aaron Keiter, Parker Ford, Pa.

Field-grown carnations, fine, strong, healthy plants.

Prosperity	$4.00 100;	$35.00 1,000
Lord	4.00 100;	35.00 1,000

P. REINBERG, 51 Wabash av., Chicago.

Surplus stock of field-grown carnations—150 The Marquis, 200 Gen. Gomez, 200 Ethel Crocker, 200 Daybreak, 400 Frances Joost, 100 White Cloud, 100 Bon Ton, $5.00 per 100. Cash with order. Chas. H. Green, Spencer, Mass.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail 10 cents. The Albert H. Brown Co., Westboro, Mass.

Strong, field-grown carnations of Guardian Angel, Avondale, Gomez, Lord, Crane, Maceo, first size, 4c; second size, 3c. Also Marie Louise violets. Cash with order. J. J. Lampert, Xenia, Ohio.

Field-grown carnations—2000 Frances Joost, A No. 1 plants. No plants have been selected from these. $5.00 per 100; $45.00 per 1000. Cash. J. A. Long, 748 Chapel st., New Haven, Conn.

A-1 CARNATION PLANTS.

Crane, Marquis, Flora Hill	5 cents
Jubilee, Daybreak, Victor	4 cents

These are hard to beat.
FRANK BERRY, Stillwater, Minn.

GOODENOUGH, the most profitable white, $7.00 100. Frances Joost, Maceo and Scott, $5.00 100. All strong, field-grown plants. Write for prices on large lots.
S. LITTLEFIELD, No. Abington, Mass.

Carnations, first-class plants. 250 Joost, 165 Freedom, 100 Lawson, 150 assorted Daybreak, Crane, Miller and White Cloud at $5.00 100, or the lot for $30.00 cash.
FRANKLIN & CROSBY, Brooklyn, Conn.

Bradt, Hill, White Cloud, Morning Glory, Crane, Chapman, Lord, Norway, Glacier, White Daybreak and Daybreak carnations. Write for prices. Crabb & Hunter, Grand Rapids, Mich.

Large healthy plants of Daybreak, $5.00; Freedom, $4.00; Victor, $5.00; mixed ones, fine, $5.00 per 100. Special 1000 rate for cash. W. G. Kroeber, 35 Tremont St., New Bedford, Mass.

Carnations from field, extra large plants in most robust condition. Scott and Melba, 1st size, $5.00, 2nd size, $4.00 100. Chas. Rayner, Anchorage Rose Houses, Anchorage, Ky.

Carnation plants—175 G. H. Crane, 375 Mrs. F. Joost. Good stock. Apply to A. Laub & Sons, Hughsonville, N. Y.

CARNATIONS—Continued.

Carnations, first-class plants. 200 Marquis, 250 Lord, 400 Joost, 230 White Cloud, 500 Flora Hill, $6.00 100. Cash. D. Newlands & Co., 1089 West Delavan Ave., Buffalo, N. Y.

25,000 carnation plants—Wm. Scott, Gen. Maceo, Lizzie McGowan, E. G. Hill and Mrs. Bradt, $25.00 per 1000. Cash with order. H. Anderson, Bayside, L. I., N. Y.

2500 extra fine and strong carnation plants—Mrs. Frances Joost, $40.00 per 1000; $5.00 per 100. Cash with order. Rowehl & Granz, Hicksville, L. I., N. Y.

Good stock from field. Wm. Scott, $4.00 per 100; Daybreak, Melba, Tidal Wave, Red Wave, $35.00 per 1000. Geo. Darsley, 176 Claremont ave., Jersey City, N. J.

2000 Wm. Scott carnations, nice, stocky, medium sized plants, no disease; $20.00 per 1000. Cash with order. Rudolph Fischer, Great Neck, L. I., N. Y.

1200 field-grown carnations, healthy stock, large plants, pink and white, $40.00 per 1000. Cash with order. John Weston, box 242, Patchogue, N. Y.

Wm. Scott and Lizzie McGowan—Strong field-grown plants, $3.00 per 100; $25.00 per 1000. Cash with order. R. J. Gardner, Bayside, L. I., N. Y.

50,000 CARNATION PLANTS, extra fine stock. Write for prices. If you have any stock to exchange write at once.
Union St. Greenhouse Co., Geneva, N. Y.

Carnations, strong healthy plants. Flora Hill, $5.00 100; Daybreak, Armazindy and Young, $4.00 100. Cash with order.
E. LEULY, West Hoboken, N. J.

Carnation plants—Wm. Scott, Flora Hill, Mrs. F. Joost. Red seedling, $4.00 per 100; $35.00 per 1000. Cash with order.
Chas. F. Doll, Seymour, Conn.

SPECIAL PRICES in my clearing sale of high grade Joost. Write for them.
Otto Bourdy, Lowell, Mass.

1000 Gomez carnations, $5.00 per 100. Clean healthy plants. Cash with order.
The F. Blendeel Co., Oak Park, Ill.

Carnations, field-grown, strong and healthy; Mrs. F. Joost, $5.00 100; Daybreak, $6.00 100.
S. S. Peckham, Fairhaven, Mass.

Carnation plants of Morning Glory, Flora Hill, G. H. Crane, America and Marquis. Write me.
W. H. Watson, Lapeer, Mich.

Field-grown carnations. First-class stock. 1200 Joost at $3.00 per 100 or $25.00 per 1000.
JOHN HOEFT, Park Ridge, Ill.

Fine field-grown Marquis, Scott and Joost carnations, $5.00 100, $45.00 1000.
W. H. GULLETT & SONS, Lincoln, Ill.

Healthy carnation plants of Scott and Crocker, 4c, $35.00 1000. Prosperity, 8c.
W. H. Vance, Wilmington, Del.

Lawson and Prosperity carnations, extra large, choice, clean plants, $8.00 100.
JAMES PATIENCE, Stamford, Conn.

Marquis carnations. 2000 extra fine field-grown plants at $5.00.
L. E. MARQUISEE, Syracuse, N. Y.

2000 fine field plants of Joost and Mary Wood at $4.00 100.
HENRY DIERS, Sibley, Ill.

Field-grown carnations, 475 Flora Hill, No. 1, $5.00 100. D. C. Noble, Columbia City, Ind.

Prosperity, $8.00; Daybreak, $4.00 100. Strong, healthy plants. Carl Rauth, Springfield, Ill.

F. JOOST, field-grown, extra strong, $5.00 100. Cash. Cottage Greenhouses, Litchfield, Ill.

Strong, healthy, field-grown Joost, $4.00 100. Cash. Dann & Son, Westfield, N. Y.

Carnations. Send to us for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Send for descriptive price list.
F. Dorner & Sons Co., La Fayette, Ind.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

CHRYSANTHEMUMS.

LAST CALL for moms. Chadwick, Eaton, Appleton, Bassett, Ivory and others, $14.00 1000; nice young stuff.
POEHLMANN BROS. CO., Morton Grove, Ill.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

CINERARIAS.

Cineraria grandiflora, finest dwarf, $2.00 100; 300 for $5.00. J. W. Miller, Hatton, Pa.

Cinerarias, 2½ and 3 inch.
Geo. A. Kuhl, Pekin, Ill.

Cinerarias, $2.00 100
Jos. H. Cunningham, Delaware, Ohio.

CLEMATIS.

Clematis paniculata, 2, 3 and 4 years old. Write for prices.
Elizabeth Nursery Co., Elizabeth, N. J.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

Clematis paniculata, $2.00 100, $15.00 1000. Cash. C. G. Nanz, Owensboro, Ky.

COLEUS.

Coleus stock plants, 2-in. large and strong, ready for 4-in., 25 or more varieties, $1.50 100. N. O. Caswell, Delavan, Ill.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

CYCLAMEN.

20000 CYCLAMEN PERSICUM SPLENDENS GIGANTEUM. Now ready for immediate shipment a splendid lot of well-budded plants from 3-in. pots, $6.00 100, $50.00 1000; from 2½-in. pots, $4.00 100, $30.00 1000. 250 at 1000 rate.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100.
Lehnig & Winefeld, Hackensack, N. J.

Cyclamen persicum giganteum, strong plants in separate colors, $1.25 doz., $9.00 100; mixed colors, $1.00 doz., $8.00 100.
H. A. DREER, Philadelphia, Pa.

Cyclamen, 3½-in., separate colors, $8.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Cyclamen giganteum, 3-in., $5.00; 4-in., $10.00 100. S. Whitton, 15-17 Gray ave., Utica, N. Y.

Cyclamen giganteum, fine plants, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

DAISIES.

Shasta daisy plants, 2-in. $10.00 100; 3½-in. $15.00 100. 250 at 1000 rate. Express prepaid. California Carnation Co., Loomis, Cal.

Longfellow and Snowball daisies, strong plants ready for transplanting, $3.00 per 1000. Cash. Alex. MacElwee, Hoyt, Pa.

Snowball, Longfellow, Giant, 50c 100, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

DEUTZIAS.

4000 Deutzia Lemoinei, 1 yr., 2 to 4 branches, 12 to 16 inches, $2.00 100; $15.00 1000. 500 Spirea Anthony Waterer, 1 yr., 8 to 10 inches, bushy, $2.50 100. Cash with order.
GEYER BROS., Rochester, N. Y.

DRACÆNAS.

Dracaena indivisa, 100 2-in., $1.50. Cash.
W. W. Thompson & Sons, Station D, Milwaukee, Wis.

EUCHARIS.

Eucharis grandiflora, a money-maker for the florist who wants a fine, white flower for funeral work, bouquets, etc. Large clumps (will bloom this fall), 15 to 20 bulbs, $2.50 each, single bulbs, $10.00 100. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

FERNS.

NEPHROLEPIS EXALTATA.

	Each.	Ten.	100.
3-in. pots	$ .05	$0.40	$3.00
4-in. pots	.08	.75	7.00
5-in. pots, Bostoniensis	.22	2.10	
6-in. pots, Bostoniensis	.35	3.20	
7-in. pots, Bostoniensis	.55	5.20	
8-in. pots, Bostoniensis	.80	7.50	
12-in. pans, Bostoniensis	2.00		

W. J. HESSER, Plattsmouth, Neb.

DREER'S FINE FERNS. Now is the time to lay in your supply of ferns. We have in stock over 500,000 plants grown in open frames, well-hardened, and in prime condition to grow for the coming season's use For varieties and prices see displayed adv. in this issue.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Ferns—I have always a nice collection of ferns, a good variety and nice, bushy stock. 2¼-in. pots, $3.00 per 100, $25.00 per 1000; from flats, $1.00 per 100, $9.00 per 1000. Boston ferns, 6-in. pots, 35c each. H. Weston, Hempstead, N. Y.

Seedling ferns in flats. All the leading varieties, ready for 2-in. pots, $2.00 per flat. Small ferns for filling fernaeries, in all the best commercial varieties, 2½-in., $3.00 100; $25.00 1000.
BOBBINK & ATKINS, Rutherford, N. J.

1000 finest cool-grown Boston ferns, 5-in., bench-grown, $20.00 100, 500 2½-in. pots, $4.00 100. Cash. H. B. Campbell, Davenport, Iowa.

1500 of the old standby, NEPHROLEPIS EXALTATA. To close them out I offer them at $2.00 per 100; $19.00 per 1000. 100 3-in., Nephrolepis Bostoniensis, $4.00. Cash with order.
LEWIS ULLRICH, Tiffin, Ohio.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
John H. Ley, Good Hope, Washington, D. C.

Boston ferns, extra fine, from pots, $50.00, $75.00, $100.00 and $150.00 100. Seedling ferns, good commercial varieties, $10.00 1000.
JOHN SCOTT, Keap St. Greenhouses, Brooklyn, N. Y.

Nephrolepis cordata compacta, 2½-in., $3.50; 3-in., $4.00; 4-in., $8.00 100. Boston ferns, 2½-in., $2.75; 3-in., $4.00 100. Cash. H. Ernst & Son, Washington, Mo.

Orders booked now for the new Nephrolepsis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Ferns for fern dishes, etc. Extra strong stock, fine assortment. Let us quote prices on your needs, large or small quantities.
BEARD BROS., 1248 W. Fort st., Detroit, Mich.

BOSTON ferns, all sizes. Ferns for fern dishes, 2 and 2½-in., 2½c. Cyrtomium falcatum, 4½-in., 15c; 5-in., 20c.
Crown Point Floral Co., Crown Point, Ind.

FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.
Sunnyside Fernerles, Secaucus, N. J.

Nephrolepis erecta and compacta, fine plants from bench, ready for 3 and 4-in. pots, $4.00 100. A. A. Harper, Pine Bluff, Ark.

Assorted ferns, best varieties only, well grown, $3.00 per 100, $25.00 per 1000. F. E. Shaw, 328 Sunset ave., Utica, N. Y.

Mixed ferns, 20 sorts, $3.00 per 100. Satisfaction or your money back. C. F. Baker & Son, Utica, N. Y.

Pteris tremula, fine 3½-in., 400 at $8.00 per 100. Cash. W. W. Thompson & Sons, Station D, Milwaukee, Wis.

Boston ferns, 2½-in. pots, fine stock, $4.00 100. Cash, please, Converse Greenhouses, Webster, Mass.

Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Boston ferns, bench, $10, $15, $20 100. Cash.
BYER BROS., Chambersburg, Pa.

Boston ferns, 2½-in., $2.50 per 100.
H. L. Neal, Segnin, Tex.

Maidenhair ferns, 3-in. $5.00 100.
N. O. Caswell, Delavan, Ill.

Boston ferns, fine stock. Write
Geo. A. Kuhl, Pekin, Ill.

GARDENIAS.

Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIEBRECHT & SON, New Rochelle, N. Y.

GERANIUMS.

Special CLEARANCE sale of 15000 geraniums from 2½-in. pots. Jean Viaud, the pink novelty, $3.00 100; Duchess of Orleans, the variegated wonder; Beaute Poitevine, Hill, Jaulin, Riccard, Meehan, Morton, Athlete, Bruant, $2.00 100, $18.00 1000; Perkins and Nutt, the leading bedders, $1.50 100, $15.00 1000.
BUCKLEY PLANT CO., Springfield, Ill.

Special price on a surplus of 2-in. pot plants of Heteranthe (double red) and Buchner (double white); some have been topped, but will make fine plants if potted this month into 3s. Price: $1.25 100; $10.00 1,000.
ALBERT M. HERR, Lancaster, Pa.

Rooted cuttings of Heteranthe, S. A. Nutt, Poitevine, Landry, Perkins, Buchner, $1.50 per 100, $12.50 per 1000, $100.00 per 10,000. Jean Viaud and Mme. de Castellane $2.50 per 100. $20.00 per 1000.
ALBERT M. HERR, Lancaster, Pa.

Geraniums; good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Fine, stocky plants, 40 choice varieties, $4.50 100. Cuttings per 100 or 1000, cheap.
A. Brumley, Birmingham, Iowa.

Geranium rooted cuttings now ready.
Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Some thousands of choice mixed gladioli bulbs and bulblets for sale cheap, now ready. REASON—Change of business. H. A. Catlin, White Sulphur Springs, West Va.

Gladioli bulbs. Thousands of May and Groff's hybrids. P. O. Coblentz, New Madison, Ohio.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

HARDY PLANTS.

Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.

We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.

VICK & HILL CO., Rochester, N. Y.

100,000 hardy seedlings, strong plants, hollyhock in 15 different colors, coreopsis, lychnis, gypsophila, gaillardia, delphinium formosum; $10.00 per 1000, $1.00 per 100. Cash with order, please. H. Kruschka, Elberon, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
W. & T. Smith Co., Geneva, N. Y.

HELIOTROPES.

Heliotropes, 2 and 3-in. Mme. Bruant, the finest heliotrope for pot sales and bedding. N. O. Caswell, Delavan, Ill.

HIBISCUS.

Hibiscus, 5-in., to close out, $1.50 doz.
Geo. A. Kuhl, Pekin, Ill.

HYDRANGEAS.

15 Otaksa and 10 Thomas Hogg hydrangeas, from 10 to 18 branches, 25c each, or the 25 for $5.00. H. B. Snow, Camden, New York.

IVY.

Hardy English Ivy, 2¼-in., $2.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

LILY OF THE VALLEY.

Fancy cut valley at Chicago market prices. Fine pips from cold storage, $1.50 100; $13.00 1000. H. N. Bruns, 1409 W. Madison st., Chicago.

MUSHROOM SPAWN.

Fresh importation direct from England, 10 lbs. $1.00, 25 lbs. $2.00, 100 lbs. $7.00. W. W. Barnard & Co., 161 E. Kinzie st., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

MYRTLE.

HARDY MYRTLE, grand stock, extra heavy field-grown, $6.00 100, $50.00 1000. A. L. Miller, Station E, Brooklyn, N. Y.

NARCISSUS

Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

Narcissus paper white grandiflora, $1.00 100.
Jos. H. Cunningham, Delaware, O.

ORCHIDS

We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

ORCHIDS, 12 staple varieties for cut flowers, from 75c to $2.50 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

PÆONIES.

We shall have, for September delivery, a limited quantity of choice paeonies suitable for commercial cut flower work. Varieties and prices on application. The Cottage Gardens, Queens, L. I., N. Y.

Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

Large double, light pink paeonies, $5.00 per 100; for other varieties write
GILBERT H. WILD, Sarcoxie, Mo.

Large double pink paeonies, $5.00 100.
Elizabeth Nursery Co., Elizabeth, N. J.

HIGH-GRADE PAEONIES.
C. S. Harrison's Select Nursery, York, Neb.

PALMS, ETC.

Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots, 75c. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

PANDANUS VEITCHII, fine plants, 6-in. pots, $12.00 doz.; larger sizes, $1.50 and $2.00 each. John Welsh Young, Germantown, Pa.

LATANIA BORBONICA. 20,000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. For other varieties see wholesale list.
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Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Boatoniensis. Everything for the florist. Grand stock of all kinds. Prices right.
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PALMS. Largest and hardiest grown stock, in all sizes and varieties, at greatly reduced prices. Send for catalogue.
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We have the finest stock of PALMS in the country. Write for prices.
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Areca lutescens, fine stocky plants, 7-in. pots, 75c each. Cash.
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Kentias, good, 50c, 75c and $1.00 each.
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PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

500,000 PANSIES, finest market strain grown. Awarded first-class certificate of merit by the Mass. Horticultural Society.

ATTENTION is called to these facts:

This strain is the result of over twenty years' careful selection.

The seed was saved this year from over 12,000 plants, the finest among the 500,000 flowered and sold last spring.

Particular attention is always paid to form and substance as well as size and color. The colors will be found very evenly proportioned, including rich selfs, brilliant variegations and many novel shades—no dull, mixed sorts.

Our pansies have for many years held the highest reputation in the Boston and Eastern New England markets and we confidently believe will be found the most satisfactory strain ever offered for florists' use.

Two of our customers write us as follows:

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Mr. I. E. Coburn. Dear Sir:—The pansies you have supplied us with have been the means of largely increasing the demand for these plants. The colors, size and form have been the admiration of all our patrons who have had them.

Yours truly, SCHLEGEL & FOTTLER CO.,
Seedsmen, 26 South Market Street.

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Mr. I. E. Coburn:—We have handled several thousand baskets of your pansies for the past four years and find them superior in size, color and variety to any grown in this section.

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Commission Merchants, Faneuil Hall Market.

We offer a limited number of young plants for sale this fall.

Nice plants from seed bed, $5.00 per 1000. Transplanted plants after September 1st, $6.00, $8.00, $10.00 per 1000, according to size.

By express only. Cash with order.
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Pansy plants—From seed of my own growing from selected plants from the best varieties and strains, embracing a wide range of colors and variations. Just what the people want. Price, 40c per 100, $4.00 per 1000, by express; 60c per 100 by mail.
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100,000 pansies, Giant International, from the very best strain of seed money can secure. Strong plants, ready for transplanting, $5.00 1000; transplanted plants, $6.00 1000. Cash. Ludwig Mosback, 85th st., near So. Chicago ave., So. Chicago, Ill.

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Herr's Pansies are good pansies—the kind that brings money when they come into bloom. Free by mail, 75c per 100; by express, at your expense, $4.00 per 1000.
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2000 pansy plants, extra fancy, very strong, twice transplanted for winter flowering, $1.50 100, $14.00 1000. 2000 smaller plants, $1.00 100, $8.00 1000.
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The famous JENNINGS' strain of pansies. Large plants ready to bloom Oct. 1, $1.00 100, $8.00 per 1000. Cash.
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Giant, fine as any strain, 50c 100, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

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Christmas peppers, 3¼-in., ready for 6-in., $3.00 100. J. C. SCHMIDT, Bristol, Pa.

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Phrynium variegata, 4-in., $15.00 100. Cash.
Livingston Seed Co., Columbus, O.

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Poinsettias, fine strong plants, 2½-in., $3.00 per 100. Will make the very best plants for Christmas sales.
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Poinsettias, extra large, fine plants, in 3-in. pots, $1.00 per doz., $8.00 per 100. G. W. Hunt & Son, Mansfield, Ohio.

Poinsettias, from 3-in., 4-in., 5-in. and 7-in. pots. Prices on application. Geo. Darsley, 176 Claremont ave., Jersey City, N. J.

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Improved Chinese primroses, finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-in. $2.00 100. Extras added liberally. Cash.
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Primula obconica grandiflora, alba and rosea (mixed only), very strong, 2-in. $2.00 100; 3-in., very strong, ready for 4 or 5-in., $5.00 100.
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Baby primroses, 3½-in., $3.00 per 100. Cash. W. W. Thompson & Sons, Station D, Milwaukee, Wis.

Primroses. Chinese, Obconica grandiflora and Forbesi, $2.00 100. Cash.
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Obconica, grand, alba and rosea, 2-in., $2.00 100. Cash. Byer Bros., Chambersburg, Pa.

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Baby primroses, 2½-inch, $3.00 100.
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Resurrection plants.	100	1000
12-14 in. circum	$2.00	$15.00
15-18 " "	3.00	20.00
20-25 " "	4.00	25.00
30-35 " "	5.00	40.00

Prices include prepayment by parcel-post.
J. A. McDOWELL, Ap. 167 City of Mexico.

ROSES.

Rose plants, extra fine, for winter bloom.

	100	1000
1500 Golden Gates, 3-in.	$5.00	$40.00
1500 Meteors, 3-in.	5.00	40.00
1500 Kaiserins, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order.
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Must sell. Fine healthy stock. Maids and Gates, 3-in., $4.00 100, $35.00 1000; 2½-in., $3.00 100, $25.00 1000. Brides, 3-in., $5.00 100. Some Beauties and Perles, $5.00 100.
A. C. BROWN, successor to Brown & Canfield, Springfield, Ill.

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Roses ready for planting, good heavy stock: Perles, Brides, Maids, Gates, Wootton, 3-in., $5.00 per 100; 4-in., $6.00 100.
EVENDEN BROS., Williamsport, Pa.

ROSES—Continued.

Roses, fine, strong plants.	100.	1000.
3-in Brides and Golden Gates..	$4 00	$35.00
3-in. Meteors	2.50	20.00
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ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
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Bride and Maid roses, 3-in., $3.00 per 100, $30.00 per 1000. Cash with order.
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Field-grown roses in large quantities. Very fine. Write for prices.
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Bride, Bridesmaid and Golden Gate, 4-inch pots. $5.50 per 100.
Brookside Greenhouses, Reading, Pa.

200 Brides and Maids, strong, healthy 4-in. stock, $4.00 100.
Chas. Frueh & Sons, Saginaw, Mich.

IVORY ROSES. Fine, strong 4-in. pot plants, $15.00 100.
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Manetti stocks for fall delivery.
WILLIAM T. JONES Elizabeth, N. J.

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Ficus elastica, 50 or more from 1 to 2½ ft. high, fine plants, at $3.00 to $6.00 per doz. Will sell the whole lot cheap to one party.
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Ficus elastica, 18 to 24-in. high, 6-in. pots, $4.00 and $5.00 doz.
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Ficus are all sold out from now until May, 1903; for later delivery speak quick.
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Ficus, well-established, 30c, 40c and 50c; extra good value.
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Pansy seed that comes true to description.

	¼ oz.
Finest French giant-flowered strains	$1.00
Finest German strains	1.00
Bordered, large-flowered Germsn	1.00
Finest velvety, rich colors	1.00
Finest dark yellow, three-spotted	1.00
Woodbury's white, best large-flowered	1.50
Woodbury's special mixture	1.25

Trade packet of any of above, 50 cts.
D. B. WOODBURY, Pansy Specialist, So. Paris, Me.

PANSY SEED. Mammoth Rutterfly, very fine, 1000 seeds 25c. Choice named varieties, ⅛ oz. 75c, ½ oz, $2.50. oz. $4.00. Extra choice mixture, 20 varieties, trade pkt. 35c., oz. $4.00. Giant Trimardeau, high-grade mixture, oz. 75c. Giant Trimardeau, named colors, 20 var., 75c to $4.00 oz. Above are imported direct from best growers. Seed all tested.
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Johnson & Stokes' KINGLY COLLECTION of pansy seed comprises all the best sorts, which makes it the best strain offered; 1,000 seeds, 30c; 2,000 seeds, 50c; 5,000 seeds, $1.00; oz., $5.00. Send for our new bulb and flower seed list.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

New crop pansy seed—Superb show mixture, ¼ oz. 75c, oz, $5.00. Finest giant strains, oz. $2.50; in mixture, oz. $2.00. Cineraria seed—Giant prize, mixed, trade pkt. 75c. New large-flowered, striped, pkt. 25c.
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Cyclamen persicum giganteum seed, recently received from the most noted European specialist. For colors and prices see displayed adv. in this issue.
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Cyclamen gig. seeds. Our own well-known strain. In separate colors, $7.00 per 1000 seeds, 75c per 100 seeds.
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New crop of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 oz. A. Sprengerl, $1.50 1000. Giant pansy, mixed, $1.00 oz., $10.00 lb.
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Giant Pansy seed; large-flowering varieties, 5000 seeds, $1.00; half pkt., 50c.
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The famous JENNINGS' strain of pansy seed, $1.00 pkt., $5.00 oz. Cash.
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Pansy seed, Ne plus ultra strain, $4.00 oz. Cash.
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Zirnglebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirnglebel, Needham, Mass.

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Smilax, strong and bushy, 2-in., $1.00 100, $9.00 1000; 3-in., $2.50 100, $20.00 1000. Cash, please. Samples 10c. R. Kilbourn, Clinton, N. Y.

25000 extra strong smilax plants, 2¼-in., ready for planting, $1.00 100, $8.00 1000.
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1500 smilax. To close out at $1.50 per 100 or $20.00 for the lot. Strong plants.
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600 strong, bushy smilax plants in 3-in. pots for $6.00. Per 100, $1.25.
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Smilax, large, bushy plants, $1.00 100. J. C. SCHMIDT, Bristol, Pa.

Smilax, strong plants, $1.50 per 100. C. L. Reese, Springfield, Ohio.

Smilax, 3-in., $3.00 100; $20.00 1,000. Crabb & Hunter, Grand Rapids, Mich.

Smilax, strong 3-in., $3.00 100. EVENDEN BROS., Williamsport, Pa.

Smilax, good, 2½-in., $2.00 100. Harry White, R. R. No. 6, Wabash, Ind.

For elegant smilax, write Geo. A. Kuhl, Pekin, Ill.

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100 stevia, large plants planted out, well-grown, $15.00. Have no room for them.
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Swainsona alba, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

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Cyperus alternifolius, outdoor-grown, 3-in., ready for a shift, $4.00 100. N. Smith & Son, Adrian, Mich.

A few fine Cyperus alternifolius left, 3-in. $4.00 per 100. W. W. Dedrick, Ashley, Ind.

Umbrella plants, 2-in., strong, $1.50 100. Cash. Byer Bros., Chambersburg, Pa.

Umbrella plants, 4-in., $4.00 100. Cash.
Livingston Seed Co., Columbus, O.

VEGETABLE PLANTS.

Celery, strong transplanted stock, $1.00 1000, just to close out. Larger lots cheaper yet. Write us if you have room for any. W. Plume, G. Self-blanching and Golden Heart. R. Kilbourn, Clinton, N. Y.

2500 selected Mayflower and Lorillard tomato plants, 3-in. pots, 10 to 12 inches from top of pot, strong, $3.00 100. Cash, please.
E. J. Cloud, Avondale, Pa.

VEGETABLE PLANTS. All vegetable plants in their season, by the 100, 1000 or 10,000.
R. VINCENT, JR. & SON, White Marsh, Md.

Parsley, large, field-grown clumps, 40c 100, $2.50 1000. J. C. Schmidt, Bristol, Pa.

VERBENAS.

Lemon verbenas, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

VINCAS.

Vinca major var., field-grown plants, $5.00 per 100.
Wagner Park Conservatories, Sidney, O.

Vinca var., strong field-grown, $4.00 100. Cash. Dann & Son, Westfield, N. Y.

VIOLETS.

30,000 MARIE LOUISE violet plants for planting out, $8.00 per 1000. READY NOW. We have as healthy stock as can be found in the country.
SWAN PETERSON FLORAL CO., Gibson City, Ill.

Healthy field-grown Campbell violets now ready. No. 1, $3.00 per 100, $25.00 per 1000; No. 2, good plants, $1.50 per 100, $13.00 per 1000. Packed to carry safely. Cash with order from unknown parties.
CHAS. BLACK, Hightstown, N. J.

Princess of Wales and California violets, extra strong field-grown plants, $4.00 per 100; $35.00 per 1000.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Princess of Wales and Lady Campbell violet plants. Strong field-grown clumps from sand struck cuttings, ready September 1. $5.00 per 100, $40.00 per 1000. Samples 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Marie Louise, Campbell and Swanley White, 2½-in., strong, $3.00 100, $25.00 1000. California, field clumps, $3.00 100. $25.00 1000. All fit to bench now. Cash. Benj. Connell, West Grove, Pa.

Violets. Fine, large field clumps of hardy English (dbl. dark blue), $1.75 per doz., $10.00 per 100. Marie Louise and Campbell, $3.00 per 100.
GEO. ENGEL, Xenia, Ohio.

Princess of Wales, field-grown clumps, 2nd size, $3.00 100. California, field-grown, $3.00 100. Lady Campbell, pot-grown, extra strong, 3-in., $3.50 100.
N. Smith & Son, Adrian, Mich.

Princess of Wales clumps, $4.00 100. California clumps, $2.50 100. Swanley White clumps, $3.50 100. By the violet grower, A. B. Campbell, Cochranville, Pa.

Strong, healthy, field-grown plants of Lady Campbell and California, $5.00 per 100, $45.00 per 1000. Special rates on large lots. Richard Langle, White Plains, N. Y.

Very fine, large clumps, 600 Marie Louise, 300 California, 100 Princess of Wales, $5.00 per 100. Well worth the money. Geo. Souster, Elgin, Ill.

Campbell violets, field-grown, strong and free from disease, $4.00 100, $35.00 1000.
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Extra fine field-grown Lady Hume Campbell violets, $3.00 100, $25.00 1000. 250 at 1000 rate. Cash with order, please.
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2500 Marie Louise violets, grown from cuttings, strong, clean plants, out of the open ground, $4.00 100, $35.00 1000.
Chas. Zepnick, Sta. D, Milwaukee, Wis.

Campbell violet clumps, field-grown, at $3.00 100. Ready now, clean and healthy. By the violet grower, A. B. Campbell, Cochranville, Pa.

Large field-grown clumps of Campbell, Imperial, Princess of Wales, California, $5.00 100, $45.00 1000. J. C. SCHMIDT, Bristol, Pa.

500 fine, field-grown plants of Imperial violets, to close out at $3.00 100. Cash, please. Van Aken Bros., Coldwater, Mich.

Field-grown Marie Louise, $4.50 per 100, $40.00 per 1000. Cash or C. O. D. Bool Floral Co., Ithaca, N. Y.

Imperial, M. Louise and Swanley White, 3-in., $3.75 100; $35.00 1,000. Crabb & Hunter, Grand Rapids, Mich.

Lady Campbell violets, field-grown, $1.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Princess of Wales violet plants, strong, field-grown, $4.50 100, $40.00 1,000. Cash.
LOEFFLER BROS., Watertown, Wis.

Violets, extra fine field-grown Lady Campbell and California, $3.50 100. Cash.
EDW. AMERPOHL, Janesville, Wis.

MARIE LOUISE violets, fine, healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

1000 good Marie Louise violets, from fists, $2.00 100, $15.00 1000.
John Curwen, Glen Head, L. I., N. Y.

Strong field-grown M. Louise, $5.00 100. Cash with order.
I. N. KRAMER & SON, Cedar Rapids, Iowa.

Fine, healthy violet plants from field, $4.00 100, $35.00 1000.
C. C. POLLWORTH CO., Milwaukee, Wis.

175 violets, 3-in. pots—Marie Louise and Imperial. D. C. Noble, Columbia City, Ind.

Farquhar violets, 2½-in. pots, $3.00 per 100. Cash. Chas. H. Green, Spencer, Mass.

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To exchange or for sale. 100.
Latania Borbonica, 18-20, 4-in.....$15.00
Boston ferns, 4-in..... 12.00
Rubbers, 5 to 6 in., $3.50 and $4.50 per doz.
Cannas, 10 varieties, prices on application.
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To Exchange—5-inch Latania Borbonica palms for carnation plants. Greensburg Floral Co., Greensburg, Ind.

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Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express. 16 and 18 lbs.
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WILL OUT-LAST YOU.
Something new in beech tile. Light, strong and never rots. Cheap as lumber in first cost. Harbors no insects, does not swell, shrink or warp, gives good drainage and yet holds moisture. Send for sample and price to
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Bird seed and bird food, tonics and medicines. Agent for Spratt's patent remedies. Send for catalogue. Prices the lowest in the market.
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Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
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CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
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Our box sells on its merits.
Send for sample.
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Fancy and Dagger ferns, $1.00 per 1000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

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Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
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Fancy and Dagger ferns, wild smilax, evergreens, mosses, holly, etc. Low prices. Garland Evergreen Co., Garland, Ala.

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For hardy cut Fancy and Dagger ferns, mosses, laurel, etc., write H. J. Smith, Hinsdale, Mass.

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Bone Meal, best for roses and carnations, at $3.50 per 200 lb. bag, or $32.50 per ton.
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Wax Flowers and Wax Floral Designs.
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GALAX LEAVES.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GREEN GALAX LEAVES, postage prepaid, 60c per 1000. H. H. Hill, Victoria, Macon Co., North Carolina.

Bronze galax leaves, $1.00 per 1000. Michigan Cut Flower Exchange, 26 Miami Ave., Detroit, Mich.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

Galax, bronze or green, $1.00 per 1000. A. J. Fellouris, 330 East 33rd St., New York.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

GLASS, ETC.

Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 30 Sudbury St., Boston, Mass.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

HOSE.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

LABELS.

Wooden labels. All kinds of tree and plant labels.
Williams & Sons Co., Batavia, Ill.

PAINT AND PUTTY.

GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

POTS

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red pots. Write for prices and sample pot. Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

TIN FOIL

American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 136 Grand St., New York.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

WIRE SUPPORTS

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Galvanized wire flower stakes. Any length or size desired.
John A. Roebling's Sons Co., 171 Lake St., Chicago.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

WIRE WORK

We are the largest manufacturers of wire work in the west. McKellar & Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

FINE PANSIES.

Last spring the editor of the REVIEW ordered a hundred pansy plants from Mr. I. E. Coburn, Everett, Mass., to plant in his own garden, having been very favorably impressed by some flowers Mr. Coburn had sent him.

The plants duly arrived and they were not only a fine lot, of a much better quality than we expected for the price, but the varieties were exceedingly fine. It was the best selection of colors and shades we have ever seen in any garden, and the plants were a source of pleasure all summer long. Of course, the cool summer was favorable to pansies. We believe in giving credit where credit is due, and we feel that Mr. Coburn is entitled to much credit for his fine strain of pansies and the high quality of the plants he sends out.

GRAND FORKS, N. D.—E. O. Lovell reports trade during the past summer as surprisingly good, having been double that of the summer before. While he grows little himself, he receives some very satisfactory stock from the shippers, being only 18 hours from Milwaukee and Chicago. But depending upon shipped stock necessitates lively work and telegraphing in the case of large funeral orders. Mr. Lovell says the demand for cut flowers is bound to continually increase, and don't believe the supply can outstrip demand if the quality is right. Mrs. Lovell is the floral artist and her arrangements have been warmly praised by people who have seen the work of leading florists in the large cities.

COLUMBUS, O.—At a meeting of the Columbus Horticultural Society held September 12, several valuable papers on trees and forestry were read.

THE BEST VARIEGATED FOLIAGE PLANT to-day is **PANDANUS VEITCHII.**

Fine plants, bench pots, **$12.00** a dozen. Also larger sizes at **$1.50** and **$2.00** each.

JOHN WELSH YOUNG, GERMANTOWN, Upsal Station, Penna R. R. Philadelphia, Pa.

Mention The Review when you write.

PHILADELPHIA LAUGHS.

Fifty members of the Philadelphia Florists' Club attended the monthly meeting held last night in the clubroom, Horticultural Hall, on Broad street. All present enjoyed themselves hugely. When they came they expected the meeting would prove somewhat interesting, but they had no idea of the fun in store for them. It was a complete surprise. In fact, was more than a surprise—it was a circus.

They laughed so hard they shook the building.

This is what happened:—

Trouble.

The members did not quarrel among themselves, but many of them related tales which were full of trouble. They had recently returned from Asheville, North Carolina, where they were attending the annual convention of the Society of American Florists. They will never go there any more.

First of all the chairman of the Transportation Committee arose and said:—

Gentlemen: When I applied to the railroad company asking them if they would arrange it so our delegates would be well feasted en route to Asheville—at the company's expense—they said: "Nit." But I was not to be outdone. I expended out of our treasury about $50 for refreshments, consisting mostly of ice cream and cake. Aboard the train were about 100 ladies, who did not belong to our party. They ate the ice cream and cake. We got none.

The chairman of the Hotel Committee reported as follows:

Gentlemen: Several days prior to the time of our departure, I telegraphed the Battery Park Hotel people, asking them to reserve a certain number of rooms for our party. When we arrived in Asheville we were informed by the clerk that the rooms which I had engaged had been given to another party. We were put to no end of trouble finding other accommodations.

The chairman of the Bowling Committee said:—

Gentlemen: Our team captured a number of valuable trophies during the bowling contest. That is to say, we won them fair and square, but we neglected to capture them. The committee in charge of awards promised to send our trophies to Philadelphia via express. I have written many letters endeavoring to discover their whereabouts. In vain.

Then the chairman of the Entertainment Committee arose:—

Gentlemen: I had been told of Mount Mitchell and all its beauty. They said the scenery was simply grand. The mountain has an elevation of more than 6,000 feet. Well, I telegraphed to the proprietor of the Mountain House, asking him to furnish mules or donkeys for a party of six. I said we were going to the top of the mountain to view the sunset. And I said we would arrive at his tavern promptly at 11 o'clock. When we started out in a stage coach from Asheville, at 4 o'clock in the morning—six other delegates had joined our party—making twelve, all told. We arrived at the Mountain House. The proprietor and his six donkeys awaited our coming. We told him to get six more donkeys. Before he was able to do so his 'cuckoo clock' sounded the hour of 3. The journey of twelve miles up the mountain was rough and rocky. When we arrived at the summit we found a heavy fog had come upon us. The mist was so dense we could not see fifty yards ahead. Let us pray.

Philadelphia Daily Press.

Peoria, Ill.—Prof. P. G. Holden, manager of Funk Bros.' Seed Co., has accepted the position of vice-dean and professor of agronomy at the Iowa College of Agriculture at Ames.

Ball's Palms Etc.

Now in splendid condition. Fully up to the high standard my plants have attained for general condition and hardiness.

Send Orders Early. I will ship when wanted.

ARECA LUTESCENS. All sizes, from strong young stock to bushy specimens.

KENTIA BELMOREANA and FORSTERIANA. In "single" plants and elegant bushy "made up" plants. All in perfect condition.

LATANIA BORBONICA, stocky and strong.

PHOENIX CANARIENSIS, medium and large specimens.

ARAUCARIA EXCELSA.

ARAUCARIA ROBUSTA COMPACTA.

PANDANUS VEITCHII.

PANDANUS UTILIS.

COCOS WEDDELIANA, Etc.

Send for **Descriptive Price List,** or see last issue Florists' Review.

CHAS. D. BALL, Holmesburg, Phila., Pa.

Mention The Review when you write.

BURBANK'S

Shasta Daisy.

New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $18.00 per oz.

Pansy, Giant Mixed, $1.00 per oz.; $10.00 per lb.

Asparagus Sprengeri, $1.50 per 1000 seeds.

PLANTS.

Shasta Daisy, 2-inch, $10.00 per 100; 3½-inch, $15.00 per 100. Asparagus Pl. Nanus, 3½-inch, extra fine, $5.00 per 100; $40.00 per 1000. Asparagus Sprengeri, from flats $1.00 per 100; $7.50 per 1000; $25.00 per 5000. Calla Bulbs, first size, $4.00 per 100; 250 at 1000 rate. Express prepaid.

CALIFORNIA CARNATION CO.,

LOOMIS, CAL., U. S. A.

Mention The Review when you write.

PETROLEUM FUEL.

H. A. House, Bridgeport, Conn., has invented a new oil burner which he claims will make the use of petroleum fuel general. In some recent experiments Beaumont oil was used and the results are said to be very encouraging, and indicate that there will be great economy over coal.

The "Austral Culturist" is the title of a paper published at Melbourne, Australia, that seems to be a combination of several publications. It includes "The Horticultural Gazette," "The Australian Nurseryman, Seedsman and Florist" and "The Australian Poultry Gazette." It seems as though there should be a field for such a trade paper in that country.

Sayville, L. I.—Miss Maude Adams, the actress, is having a large greenhouse built on her estate near Lake Ronkonkoma, and among other stock for same, she has purchased 3,000 violet plants.

Janesville, Wis.—Edward Amerpohl, who recently purchased the greenhouses of the Janesville Floral Co., has just finished building a large addition to the plant.

On July 1 Mr. Ludwig Moeller celebrated the 25th anniversary of his editorship of Moeller's Deutsche Gaertner Zeitung at his home in Erfurt, Germany. Mr. Moeller has made a great success of his paper, and is entitled to much credit for the power he has become in horticulture, starting in life as he did without means and only an elementary education.

Harrisburg, Pa.—Application has been made for a charter for the "Holmes Seed Co.," with headquarters in this city. The applicants are Robt. C. Neal, Harry L. Holmes, Chas. S. Boll, Edw. Z. Gross and Geo. A. Gorgas.

Findlay, O.—Elijah Barnd and A. E. Karg are building a large greenhouse at 123 East Front street, and will start in the business under the firm name of Barnd & Karg.

Superior, Wis.—The flower show recently held under the auspices of the Improvement League brought out an excellent display. Numerous prizes were awarded.

Danville, Ill.—F. B. Smith & Son have opened a cut flower and plant store at 103 North Vermilion street.

CHICAGO, ILLS., September 10th, 1902.

TO FLORISTS ONLY:

We promise to send free, for six months, weekly editions of our Florists' Bulletin, to the following address:

Name_____

City_____

Street No._____ State_____

If you are **interested** in the Chicago Market on Cut Flowers, Seeds, Bulbs, Plants and Florists' Supplies, fill in your name and address in the above blank, tear out and mail to

McKELLAR & WINTERSON CO.

45 Wabash Ave., CHICAGO, ILLS.

We will INTEREST you weekly.

Mention The Review when you write.

Eucharis Grandiflora

It is a mistake to associate this flower with Eucharis Amazonica. The free-blooming qualities of the grandiflora are so much superior that the other cannot be brought in comparison at all except through its similar beautiful flowers. Eucharis Grandiflora will give five crops of bloom, properly handled, to one of Amazonica. It is one of the most profitable and successful flowers for florists to grow who wish something fine for funeral and wedding work.

A stock of bulbs once secured and let alone will produce from time to time through the season a beautiful show of flowers that can be compared to no other white flower for beauty and fragrance. It is both delicate in texture and fragrance, and its lasting qualities are superior to most of the white flowers of this class. It only needs a warm, shady corner of the house and very little care and the blooms will come in at seasons when white flowers are very scarce.

We still have a supply left and prices are offered the same as in former advertisement. $2.50 for large clumps of 15 to 20 bulbs, which are in bloom at the present time, and $10.00 per 100 for single flowering bulbs. The clumps will bloom again for the holidays with proper handling.

Sample flowers, with full instructions for growing, will accompany all purchases.

All orders cash.

"CRITCHELL'S"

Avondale, CINCINNATI, OHIO.

Mention The Review when you write.

PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain: "The largest and finest colored flowers we have ever seen."

100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants ready to bloom Oct. 1, $1.00 per 100; $8.00 per 1000. Seed, $1.00 per pkt.; $5.00 per oz. **Cash with order.**

E. B. JENNINGS, Lock Box 254, **Southport, Conn.**

GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

ZIRNGIEBEL

GIANT PANSIES.

Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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Don't You Forget

SIEBERT'S ZINC NEVER RUST GLAZING POINTS

are positively the best. Last forever. Over 6000 lbs. now in use.

A sure preventive of glass slipping. Effective on large or small glass. Easy to drive, easy to extract.

Two sizes, ⅝ and ¾. **40c** a lb.; by mail, 16c extra; 7 lbs. for **$2.50**; 15 lbs. for **$5.00**, by express. **For Sale by**

Vaughan's Seed Store, Chicago & New York
Henry F. Michell.....Philadelphia
Reed & Kelter.....New York City
Livingston Seed Co.....Columbus, Ohio
Schlegel & Fottler.....Boston, Mass.
J. M. McCullough's Sons..Cincinnati, Ohio
Chas. T. Siebert, Station B, Pittsburg, Pa.

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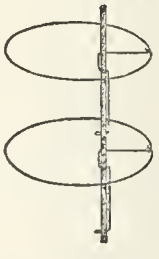
THADEN'S WIRE TENDRIL

TESTIMONIALS.



From A. Gude & Bro., Washington, D. C., April 11, 1902. "In reply to your inquiry of March 19 in reference to the Wire Tendril, we beg to say that we find them very satisfactory in every respect."

AWARDED CERTIFICATE OF MERIT at the **Asheville Convention of the S. A. F. and O. H.**

Sample package of 100, by mail prepaid, 60 cents.

H. THADEN & CO.

472 W. Hunter St., ATLANTA, GA.

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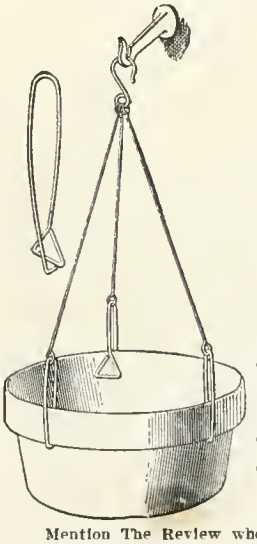
YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.



KRAMER'S POT HANGERS.

Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain as shown in cut, $1.00 per dozen by express. Sample dozen by mail $1.25.

I. N. Kramer & Son
Cedar Rapids, Ia.

Mention The Review when you write.

PRIMROSES!

IMPROVED CHINESE. Finest large-flowering fringed varieties grown, single and double, named or mixed, ready for 3-inch pots, $2.00 per 100. Extras added liberally. Be sure to name your express office.

GIANT PANSY SEED.

The best large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50 cts.

JOHN F. RUPP, SHIREMANSTOWN, PA.

The Home of Primroses.

Mention The Review when you write.

Last Call for MUMS!

ABOUT 5000 LEFT.

Chadwick, Eaton, Appleton, O. P. Bassett, Ivory, and others, price, $14.00 per 1000. Nice young stuff. 8 or 9 of these in 8-inch flat pot make nice pot plant. Get your order in now.

POEHLMANN BROS. CO., Morton Grove, Ill.

Always mention the Florists' Review when writing advertisers.

WHEN IN NEED OF

BOXES

Try our improved folding box, with superior white finish and improved corner lock.

☞ Samples free on application. No charge for printing in 500 lots or over.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

KALAMAZOO, MICH.

I have just made my fall visit among the growers, and am pleased to be able to send you a very favorable report.

Roses and carnations, and, indeed, all kinds of stock, are looking remarkably well, and no doubt will make some of our pockets bulge by holiday time.

Mr. Kyle, of the Dunkley Floral Co., has been making considerable improvements, rebuilding and giving a general renovation. His stock is in the pink of condition.

Mr. Fraser, of Mountain Home, has rebuilt the greater part of his plant. He has adopted a short-roof plan, which from all appearances is to be the house of the future, so many growers are favoring it.

Mr. Batson has, as usual, put his whole place into carnations. The various improvements which he has been carrying on this season have made him late with some of his planting, but, judging from the condition of his stock, he will soon catch up.

The Van Bochoves are, as usual, well to the front. They have nearly completed their new structures and express themselves as being satisfied with the outlook.

We had a visit from Mr. A. H. Post, of the Florists' Review. The boys were pleased to meet him, and combined to give him all the pleasure his short stay would allow. They parted from him with regret.

"Better lo'ed ye canna be;
Will ye no come back again."

R.

Paris.—Mr. Alfred Emerich, the representative of Vilmorin-Andrieux & Co., sailed from Havre on the 13th inst. for his usual business trip through the United States.

Plainfield, N. J.—Chas. Stanley has rented the store adjoining his old one and will have more room for his expanding business.

Louisiana, Mo.—The capital stock of the Stark Bros.' Nurseries & Orchards Company has been increased from $300,000 to $1,000,000.

Detroit, Mich.—D. M. Ferry, the well known seedsman, is being mentioned as a possible successor of the late Senator McMillan.

Toledo, O.—Crane Bros. have begun the erection of two more large houses. One will be 42x250 feet.

PRIMROSES

		Per 100
	Chinese	$2.00
	Obconica Grand	2.00
	Forbesi	2.00
Asparagus	Sprengeri, 2-inch pots	2.00
	Plumosus " "	3.00
CINERARIAS,	now ready	2.00
PANSY PLANTS,	ready October 1st, $3.00 per 1000	.60
NARCISSUS,	Paper White Grandiflora	1.00

CASH OR C. O. D.

JOS. H. CUNNINGHAM, - DELAWARE, OHIO.

Poinsettias.

Fine strong plants, from 2½-in. pots.

At $8 00 per 100. These will make the very best plants for Christmas sales.

Wm. Scott, Main and Balcom Streets, **Buffalo, N. Y.**

Mention The Review when you write.

Pansy Seed.

Mammoth Butterfly, very fine. 1000 seeds. 25c. Choice named varieties, ⅛ oz., 75c; ½ oz., $2.50; oz., $4.00. Extra choice mixture, 20 var.; trade pkt., 35c.; oz., $4.00. Giant Trimardeau, high grade mixture, per oz., 75c. Giant Trimardeau, named colors, 75c. to $4.00 per oz., 20 var. Above are imported direct from best growers. Seed all tested. JAS. C. MURRAY, Seedsman, Peoria, Ill.

WALTER MOTT SEED & BULB CO., Jamestown, N. Y.

SEND FOR CATALOGUE.

CARNATIONS! Strong plants from well drained soil.

Flora Hill, price per 100, 1st size, $6 00; 2nd size, $3 50. Mrs F. Joost, Ethel Crocker, Mrs. J. Dean, John Young, price per 100, 1st size, $5.00; 2nd size, $3 00.

1000 Good Marie Louise VIOLETS

From flats, $2.00 per 100; $15.00 per 1000.

JOHN CURWEN, Glen Head, L. I., N.Y.

"24-7-52-100"

Continued postgraduate studies on personal accuracy, forethought and originality for mechanical, commercial and professional people. Three sample lessons by mail for one dollar.

DR EARL M. PRATT, Oak Park, Ill.

Mention The Review when you write.

We have the largest stock of

ARAUCARIA EXCELSA

In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above	$0.50
5½-in. pots, 12 to 14 inches	60c to .75
6-in. pots, 15 to 18 inches	75c to 1.00
Specimen	1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots	.75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen	from $4.00 to 5.00
Boston Ferns, 6-in. pots	.40

Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants
1012 Ontario St., PHILADELPHIA, PA.

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

Areca Lutescens, Kentia Belmoreana, Kentia Forsteriana and Latania Borbonica.

Price List for the asking.

Mention The Review when you write.

YOU OUGHT TO TRY

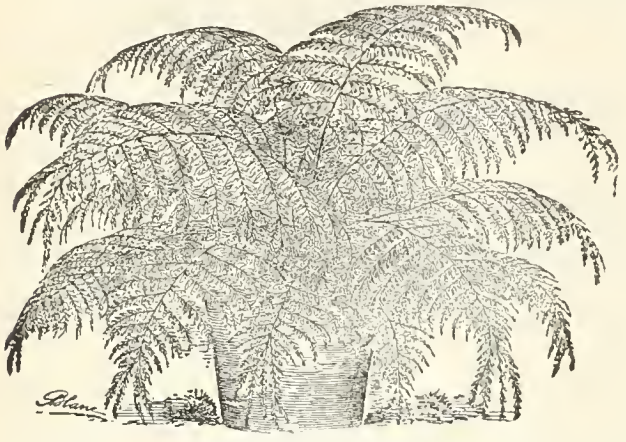
100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at $3.75 per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

Always mention the Florists' Review when writing advertisers.

DREER'S FINE FERNS!

Now is the time to lay in your supply of FERNS. We have in stock over one-half million plants grown in open frames, well-hardened and in prime condition to grow on for the coming season's use.



Microlepia Hirta Cristata.

	In. Pots.	Per 100	Per 1000
Adiantum Cuneatum	2	$3.50	$30.00
" "	3	6.00	50.00
" " Variegatum	2	4.00	.....
" " "	3	6.00	.....
" Charlottæ	2	4.00	30.00
" "	3	6.00	.....
" Decorum	2	3.50	30.00
" "	3	6.00	50.00
" Farleyense	2	8.00	.....
" "	3	15.00	.....
" Grandiceps	2	3.50	30.00
" "	3	6.00	.....
" Gracillimum	2	3.50	30.00
" "	3	6.00	50.00
" Pubescens	2	3.00	25.00
Adiantum Rochfordianum	2	$3.50	$30.00
" "	3	6 00	50.00
" Rhodophyllum	2	5.00	.....
" "	3	8.00	.....
Aspidium Tsussimeuse	2¼	3.50	30.00
Aspleuium Nidus-avis	3	20.00	.....
Blechnum Braziliense	2¼	3.50	30.00
" Occidentale	2¼	3 50	30.00
" Rubrum	2¼	3.50	30.00
Cyrtomium Falcatum	2¼	3.50	30.00
" Fortunei	2¼	3.50	30.00
Davallia Stricta	2¼	3.50	30.00
Dicksonia Antarctica	3	8.00	....
Gymnogramme Sulphurea	2¼	5.00	.....
Lastrea Aristata Variegata	2¼	3.50	30.00
" Chrysoloba	2¼	3.50	30.00
Lygodium Scandens	2¼	4.00	30.00
Microlepia Hirta Cristata	2¼	6.00	.....
" " "	3	10.00	.....
" " "	4	15.00	.....
Nephrolepis Bostoniensis	2¼	4.00	35.00
" "	6	40.00	....
" Cordata Compacta	2¼	4.00	35.00
Onychium Japonicum	2¼	3.50	.....
Platyloma Falcata	2¼	4.00	35.00
Polypodium Aureum	2¼	3.00	25.00
" Areolata	2¼	3.50	30.00
" Fraxinifolia	2¼	3.50	30.00
Polystichum Coriaceum	2¼	4.00	35.00
" Setosum	2¼	3 50	30.00
Pteris Argyraea.	2¼	3.50	30.00
" Cretica Albo-Lineata	2¼	3.50	30.00
" " Magnifica	2¼	3.50	30.00
" Harrisoni	2¼	3.50	30.00
" Internata	2¼	3.50	30.00
" Leptophylla	2¼	3.50	30.00
" Ouvrardi	2¼	3.50	30.00
" Palmata	2¼	3.50	30.00
" Serrulata	2¼	3.00	25.00
" " Cristata	2¼	3.50	30.00
" " Voluta	2¼	3.50	30.00
" Sieholdii	2¼	3.50	30.00
" Wimsetti	2¼	3.50	30.00

Choice Mixed Ferns

Our selection from 2¼-inch pots $3.00 per 100; $25.00 per 1000; $100.00 per 5000.

Seedling Ferns in Flats.

The following varieties can be supplied in flats containing about 200 plants each, at $2.00 per flat. These are thrifty young plants, in excellent condition to pot up at once. Adiantum Grandiceps, Lomaria Gibba, Lygodium Japonicum, Onychium Japonicum, and the following, Pteris, Argentea, Albo Lineata, Magnifica, Wimsetti, Adiantoides, Ouvrardi, Serrulata, Serrulata Cristata, and Sieboldii.

The Pierson Fern—Nephrolepis Piersoni.

We are now booking orders for early spring delivery of this most valuable Fern introduced in many years at $9.00 per dozen. 50 plants at 60 cents each; 100 plants at 50 cents each; 500 plants at 45 cents each; 1000 plants at 40 cents each.

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Asparagus Plumosus!

Fine strong 3-in. plants, ready for a shift, $5.00 per 100.

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GLADIOLUS, DAHLIA and CANNA Bulbs and Flower Seeds.

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Wholesale Florists,

RICHMOND, INDIANA.

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CYCLAMEN GIGANTEUM OR PERSICUM.

Extra fine plants: ready for shifting for Christmas blooming. 3-in., $5 00; 4-in., $10.00 100. **Cinerarias,** 2-in., $2.00; 200 3-in., $5.00; 3½-in, ready for 5-in., $5.00 100. **Primulas**—Chinese—3-in., $3.00; 3¼-in., $5.00 100; Obonica—2-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N. Y.**

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BULBS FOR SALE.

CALIFORNIA NURSERY CO.

NILES, CAL.

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ANNA FOSTER

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

BOSTON FERNS, now ready at $25.00 and $50.00 per 100.

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Cannas, etc.

Prices quoted upon application.

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English Manetti, $12.00 per 1000; French Manetti, $10.00 per 1000.
Special prices on large quantities.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.

BOBBINK & ATKINS, RUTHERFORD, N. J.

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PIPING.

Please tell me how I can arrange my pipes to heat my greenhouse with steam, the top of the boiler (not the dome—I have a return flue portable) being one foot above greenhouse floor? Or, would it be more practicable to heat with hot water under these conditions?

Can I get any circulation by having my return pipe enter boiler above water line? One practical florist tells me that I can.

J. H. H.

In reply to J. H. H., we can give him no information regarding the pipe arrangement, as he has neglected to give us any description of the greenhouse in question. The boiler placed with its top one foot above the floor of the greenhouse may be used either for water or steam, as desired. In either case it would be necessary to run the flows over-head to the far end of the house, bringing the return back under the benches. A circulation can be created by the return pipe entering the boiler at any point below the water line in a steam system, or below the flow outlet in a water system, but such arrangement would not be very desirable; the returns in either case should enter the boiler at or near the bottom.

Henry W. Gibbons.

New York.

PRESERVING STEAM PIPES.

Replying to "Subscriber," for preserving steam pipes used in greenhouse heating from corrosion, the best method is to paint them with red lead and linseed oil when first installed. This will in no way retard radiation, and is an absolute preservative. If the color is objected to, a light coat of lamp black and boiled oil thinned with turpentine can be applied after the red lead is thoroughly dry.

Henry W. Gibbons.

New York.

PRIMULA POISONING.

For poisoning from primula obconica I would recommend putting the affected hand into very hot water, as near the scalding point as it can be borne. A spoon dipped into boiling water and then placed on a mosquito bite will stop its itching. This remedy is simple but effective. William Lee.

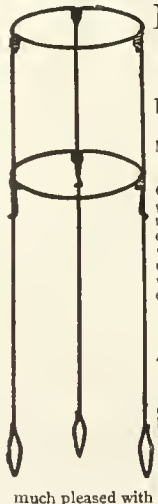
Bedford, O.

Toledo, O.—After twelve years' absence, the last five of which were spent in Wilkesbarre, Pa., Edward Salyer has returned to this city and has engaged with Geo. A. Heinl, who has a fine plant in West Toledo.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

The GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.



NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing, L. I., Dec. 11, 1901.
Mr. Theron N Parker,
Parker-Bruen Mfg. Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. Thorne.

La Fayette, Ind., July 8, 1902.
Theron N. Parker,
Harrison, N. J.
Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. Dorner & Sons Co.

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1000	MORNING GLORY	at 8.00	"
350	AMERICA	at 8.00	"
225	MARQUIS	at 8.00	"
75	GOMEZ	at 8.00	"
250	JOOST	at $5.00 and 8.00	"
2500	TRIUMPH	at 5.00	"
1000	WHITE CLOUD	at 5.00	"
100	CROCKER	at 7.00	"
100	MACEO	at 5.00	"
125	GENEVIEVE LORD	at 5.00	"
200	CRANE	at 5.00	"

Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

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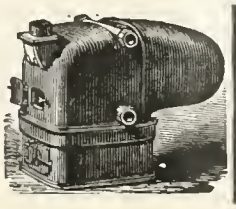
Care Florists' Review.



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And Ventilating Apparatus

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EXTRA FINE FIELD-GROWN

Carnation Plants.

1000 White Cloud	$8.00	per 100.
500 Prosperity	8.00	"
1500 Wm. Scott	5.00	"
2000 Ethel Crocker	5.00	"
200 Gen. Gomez	6.00	"
300 Norway	8.00	"
1000 Mrs. Joost	8.00	"

BOUVARDIA.

1000 Pink and White ..... $8.00 per 100

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WHOLESALE FLORIST,

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Norway, extra	1.50	8.00
Prosperity	.50	8.00
Genevieve Lord	1.00	7.00
Egypt	1.00	7.00
Mermaid	1.00	5.00
Goethe	1.00	5.00
Beau Ideal	1.00	5.00

The above are all in good shape, ready for immediate shipment. 25 plants of one variety at 100 rate.

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30 000 strong healthy field-grown plants ready for planting now

	Per 100	Per 1000
Bradt	$7.00	$60.00
Marquis	6.00	50.00
White Cloud	6.00	50.00
Flora Hill	6.00	50.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

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First-Class STRONG Plants.

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Field-grown, as fine plants as you ever saw.

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E. Crocker	5.00	45.00	Flora Hill	5.00	45.00
Jubilee	4.00	35.00	Daybreak	4.00	35.00
Wm. Scott	4.00	35.00	Prosperity	10.00	

SMILAX, fine strong 2-inch, $1.50 per 100; $13.00 per 1000.

S. T. DANLEY, - MACOMB, ILL.

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100,000 FIELD-GROWN CARNATION PLANTS.

Plants now are in first class condition. We have no stem-rot.

Queen Louise, Prosperity, Buttercup, Bon Homme, Gov. Roosevelt, Goodenough, Irene, Norway, $7.00 per 100

Mrs. Bertram Lippincott, Marquis, Victor, Daybreak, Genevieve Lord, Eldorado, Portia, C. A. Dana, $5 00 per 100

J. L. DILLON, Bloomsburg, Pa.

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FIELD-GROWN CARNATIONS

Fine, Strong, Healthy Plants.

	Per 100	Per 1000
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00

PETER REINBERG

51 Wabash Ave., CHICAGO.

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CARNATIONS

Elma, light pink	$8.00	per 100
America, red	6.00	"
Jubilee, scarlet	6.00	"
Mrs. Joost, pink	6.00	"

Cash with order.

Strong, healthy plants that have not been allowed to bloom.

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INDIANAPOLIS, IND.

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Extra strong stock, $4.00 a 100; $35.00 a 1000.

E. Crocker. Meteor. Joost.
Eldorado. Cerise Queen. America.
Daybreak. W. Scott.

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Fine field-grown Marquis, Scott and Joost carnations, elegant bushy stock, many plants being 12-15-in. across. $5.00 per 100; $15.00 per 1000. Splendid values.

ROSES! ROSES!	100	1000
Strong 3-in. Brides and Golden Gates	$4 00	$35.00
Strong 3-in. Meteors	2.50	20.00
Brides and Maids, 2-in	2 00	17.50

Fine plants, worth nearly twice these prices.

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I am headquarters for ESTELLE Cuttings, $4.00 per 100; $30.00 per 1000.

Correspondence solicited.

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Wholesale Carnation Grower. Station F, CINCINNATI, O.

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Strong, field-grown plants.

"Goodenough"

the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00	per 100
MACEO	5.00	"
SCOTT	5.00	"

Write for prices on large lots.

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Field-Grown, Strong, Healthy Plants.

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Frances Joost	5.00	Wm. Scott	4.00
Lizzie McGowan	4.00		

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G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

New York Office: 2088 Broadway
J. Austin Shaw, Manager

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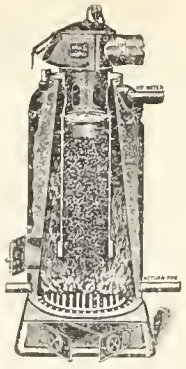

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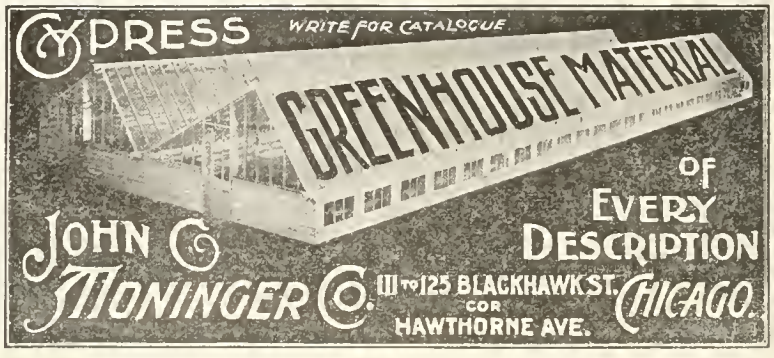

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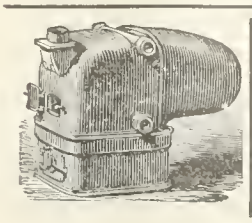

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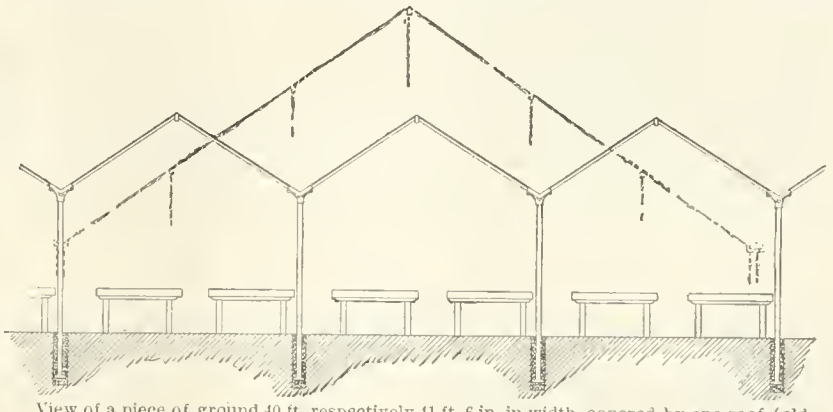

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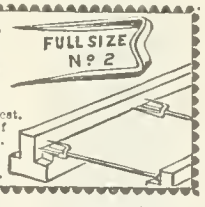

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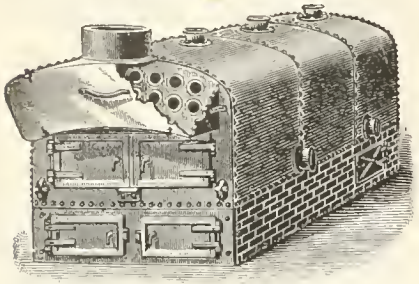

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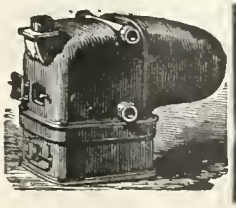

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FLORISTS' REVIEW

Watson B. M.
261
Jamaica Plain

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MISCELLANEOUS SEASONABLE HINTS.

Lilies.

A reader of the Review (L. W.) asks the somewhat old, familiar and hard to answer question—"How long before Easter should lilies be brought in, and what temperature should the house be to have them in flower for Easter? Should lilies be shifted?"

To give a certain date to bring them in and a definite temperature for the house with any certainty of their coming in just right is about as reliable as making sure that a certain amount of education will develop a boy into a smart, clever man. Another thing to consider is the fact that at present our lily bulbs are of uncertain quality and each bulb seems to have its own individuality. Under precisely the same conditions one bulb will be in flower a month earlier than another, and, unfortunately, there are a good many "anothers" that won't flower at all. The disease that affects the Bermuda type is discovered early by the yellow streaks in the leaves and when once detected the plants may just as well be thrown out at once.

The failure with the Japan longiflorum of late is quite different and comes from another cause, and as Mr. Farquhar of Boston so plainly explained to us in his lecture, arises from the bulbs being dug before they are ripe. The effects of this comes on with the Japan bulbs after they are six to eight inches high and often looking most vigorous. The top of the growth wilts, it looks as if they were scalded. Like the oak tree that the witty Dean Swift looked at and remarked: "I shall die like that tree—from the top." Sure enough his mental faculties gave way years before the material body dissolved but only encumbered the earth. So don't let your lilies encumber the benches when once they show evidence of either disease.

This is scarcely answering the questions of L. W. He might have been more explicit than just saying lilies, but doubtless he means either the Bermuda or the Japan longiflorum. The Bermudas arrive early and there is time to get a good start out of doors and they can be brought in by the first to middle of April. Give a temperature of 50 degrees till the first of February and then a higher temperature as they need it; 65 degrees at night will not hurt them at all. I will just mention here that in my experience it is harmful to take lilies from a temperature of 60 to 65 degrees at night and put them in a cool house, say 50 degrees at night, anyway before the buds are white and about ready to open. It gives them a setback and they will remain actually dormant. Better let them come along till the buds are about ready to open and they will open then in any cool, shady house and will keep two or three weeks.

From my own experience and what I have observed among large growers, and although we can't go back on the old saw that experience is the best of teachers, particularly in matrimony, we should be very far behind in knowledge did we not observe the experience of others, and this has led me to believe that you should not be in a hurry about receiving your Japan grown longiflorum. Pot them at once and get all the root growth you can in a cold-frame out of doors. Have sashes at hand to cover in case of excessive cold or November rains. The first of December is early enough to bring them in. Up to New Years 50 degrees at night will do, after that give them 60 to 65 degrees. In fact rush them right along and they will be there all right. As I said earlier some plants will want more heat than others if you expect to get them all in flower the same week.

About the shifting, we have tried most all plans. Potting a 7 to 9-inch Bermuda bulb in a 4-inch pot and shifting into a 6-inch when you bring them in is done to save room, and another reason for it and the best one, is that you can discover the diseased plants while yet in the 4-inch pots and you save labor, space and soil. Otherwise it has no advantage and the shifting slightly retards the growth. With the Japan bulbs I would certainly not shift them but pot them at once into the flowering pot, a 5 or 6-inch.

While on the important subject of lilies, and I may not think of it later, many of our lilies are now sold in large pots, three to five plants in an 8 or 10-inch pot. Our best customers want them and are not satisfied with a single stem. This particularly applies to the Japans. Five plants in a 10-inch make a handsome group. Don't attempt to put the dormant bulbs in these large pots in the fall; two out of five may be a failure, or quite dwarf, or one may grow a foot higher than the others. The time to make up these pots is just before the buds expand, or when they are open. You can slice the ball of a 6-inch grown plant down to a wedge not over three inches thick; you won't hurt either the foliage or flowers and they will last just as long when sold. Neither is it any fraud, for after two weeks the final end of these handsome pots of ribbon bedecked lilies is Sheol or garbage box, barring the ribbon, which Maggie Clancey, the cook, detaches, and it comes in handy for the confirmation of her niece, Nora Nolan.

Carnations.

I am not a carnation writer but read with great interest the clear and up-to-date views of Mr. Baur. I am not sure that he ever touches on carnations for outdoor bedding. Our customers ask continually for plants that will give them flowers in their gardens during the summer. The plan I briefly describe is correct, and for years we did it with success. Those were the days we did more with our own hands and watched things closer. There is sure to be a lot of plants in the field that you left because they were small. These are just what you want. Lift them at once and pinch off all leading stems. Pot in 4 or 5-inch, the latter is better, and plunge in a deep cold frame. When they have begun to root you can remove the sash and except in rainy weather keep it off till hard frost comes at the end of November. Now some will say they will freeze dead during winter. They will not with us if you keep double sash on in the cold winter weather and ventilate in mild weather. I believe they are often killed during winter by being kept too dry. An apple tree or evergreen or rose kills more quickly in winter by being dry at the roots, particularly plants in pots.

I had a bitter experience with that a few winters ago (or rather a December). Some American Beauty roses cut down and lifted and potted in November and plunged in a cold-frame were killed just because the soil was allowed to remain almost dust dry. These carnation plants will begin to grow end of March and by early May will be in splendid order for planting out. We are going to treat a few hundred Lawson this way, but about the middle of February will bring them in and they will, I think, make fine pot plants, and should sell readily in April. For a change we will try some for Easter.

Another plan to fill the wants of our customers for carnation plants in the spring is to put in a few cuttings of a few desirable varieties in October. You can often get these cuttings from plants left in the field. They root readily and if grown on in a cool house and shifted, can be in 4-inch pots by next May with four or five shoots. They quickly flower, and a man is very proud to wear a carnation in his buttonhole if he can say "that's from my own garden," and when the cold and wintry blasts come and the poor florist is hunting for another ton of anthracite, this dealer in options will have so acquired the virtuous weakness of wearing a boutonniere that it will have become with him, like Joseph Chamberlain, chronic.

Hollyhocks.

Sometime during summer I said that the stately hollyhock will be in demand, and so it ought. We sowed several flats of it early in the month and have them now in 2-inch pots. Before hard winter comes they will be in 4-inch and plunged in a cool frame where they will do all right, and if planted out in April will send up the finest stalks if the fungus doesn't attack them. There is always an "if" in most of our prospective crops and very much so with this majestic plant. The disease is a fungus and will soon give the plants the appearance of having the smallpox, although I have never had that trouble, but I have had the hollyhock fungus. Give them several syringings of Bordeaux mixture or some copper solution; as a preventive it is good. You see any amount of "advs." of acres of hollyhocks. When you write for them they are either sold out or rubbish. We can winter them in the field as they do in New Jersey. Grow them in pots and you will have success. Even the single hollyhocks are beautiful; in fact the artistic taste would pronounce them more beautiful than the double.

Sweet Peas.

I suppose you saved some sweet peas in 3-inch pots in the month of August. They should be planted out in the carnation beds at each post, supposing you have the posts; if not, you can run a couple of strings to the bars above. Don't overdo it. Every eight feet along the bench is enough and two plants in each place is all you want. Several of

my friends I hear saying, "Humbug. If you grow carnations grow them, and if you want to grow peas grow them." We have taken a good many extra dollars from our own carnation houses from the sweet peas during the months of April and May, and if it ever interfered with or lessened our carnation cut either in quantity or quality we never had large enough magnifying glasses to see it.

Rambler Roses.

We are still growing a few Rambler roses on the old style, viz.: Growing cut down dormant plants started in the houses in April and keeping them under glass till August where they make canes from four to seven feet long. They are now out of doors and need watching; the canes are now ripening. But if we get a long warm spell now and heavy rains they will start growing from the eyes that you want to remain dormant to give you the fine trusses next spring. Keep them moderately moist and in case of heavy rains lay the pots on their sides.

Try a few of the beautiful Rambler "Dorothy Perkins." We are aware there have been several useless Rambler roses sent out as useful for forcing. The yellow one we tried to our sorrow, and sorry we did not force some golden rod in its place, but this Dorothy Perkins is a beauty. Mind, I don't say it's as valuable as the wonderful Crimson, and none of its type ever will be, for it's the crimson color that charms, as it is the color of American Beauty that is so delightful. Pink American Beauties, like pink lily of the valley, or white violets, or white mice, are only wanted in limited quantities. Yet here is a pure pink Rambler; very free either out of doors or forcing; each floret as large and double as the Crimson Rambler, and withal a most beautiful, dense, shiny growth of foliage. We grew several hundred plants of this in a bed at the Pan-American, and also forced a few plants lifted from the ground last fall, so in this case we know whereof we speak. William Scott.

CARNATION NOTES—WEST.

Soil.

If you have not already piled up your next year's supply for planting carnations, I would advise you not to let it go until it is too late to do it this fall. Carnations do not like a fresh, half-rotted sod, as I said a number of times in these notes before, and it usually takes us from eight to twelve months to get a pile of sod in good condition for carnation planting. If you haul it this fall, as most growers would naturally do, you should not pile it up into a high pile, as is usually done, but spread a layer of about one foot of sod, over which spread about four inches of cow manure and finish up with about six inches of sod turned upside down, and have this lie until spring. You will find that by spring most of the sod will be rotted and the frost will have penetrated clear through to the bottom during the winter and your soil will be in good mellow and sweet condition. As soon as the soil is dry enough to handle in the spring, you can chop it all up fine and stack it up, thoroughly mixing it to get the manure all through the soil and to keep it in nice shape for planting until you are ready to use it.

If you own your own fields where the soil is to come from you can do the same thing with a little less work and perhaps a little more thoroughly, too. Plow up the sod about four inches deep, or if the sod is quite heavy you can plow it six inches deep and just leave it lie as it is until it is frozen hard and you can drive over it with a wagon, at which time you should spread over it a good coat of cow manure. Let it lie until spring, when you can haul it to the greenhouse, and pile it up until you are ready to use it. I believe the latter is the better way, but so many growers have to buy their soil where they can get it, and in such case the former way is the proper thing to do.

A pretty safe way to select the soil for your carnations is by the sod that is growing on it. A soil that will raise a good heavy sod will usually grow good carnations, but of course you want to bear in mind that a comparatively heavy soil will grow larger blooms than a light soil will, and you must select your soil accordingly. We like to put up our soil when it is in nice working condition, about the way you want it for planting in the field, as it has more life in it than when it is extremely dry, and under no circumstances should it be worked when it is overwet.

We use cow manure altogether, because we think it is the best and because we can get all we need, but if you cannot get enough of it you can use stable manure, if it is well rotted and the bedding material was straw or some such material. Saw dust or shavings make manure unfit for use and should be avoided. With the growers in the large cities the soil question is often a source of a great deal of worry and expense. People with acres and acres of idle ground with no prospects of selling soon will positively refuse to sell the sod off of it, and some of our growers are compelled to pay as much for sod as they do for cow manure. At 75 cents per yard it soon runs up into money and fortunate are those who own enough good land to supply them with sod.

This thing sometimes leads me to wondering whether we will ever see the day when we will be able to use the same soil over and over year after year by killing all the disease germs in it and then adding such plant foods as have been drawn from it by the plants during the previous season. There is no reason why this should not be done, and I believe it will be done before many years. That one season's use of the soil does not make it unfit for carnations if it is handled properly is well known. I do not recommend leaving the same soil on the benches two successive seasons, however, as I do not think the crop of blooms would be as good the second year as it was the first. We have one of our semi-solid beds planted with carnations in the same soil that was on it last season as an experiment, and the plants seem to thrive as well as those in new soil, but we would not care to try it on raised benches.

We believe that the following method would put the soil in first rate condition to use over again unless there had been considerable stem-rot among the plants: Spread the soil outside about ten inches deep and apply a good sprinkling of lime to sweeten it and in the winter give it a good coat of manure. In the spring turn it over and sow down to some quick growing grass to make sod. Turn this over again in the fall and spread on some manure in the winter, pile up the next spring and use the next fall. Allowing the grass to grow two summers would be better than one, but with two winters' freezing and the lime and manure added it ought to be in good shape again. This may seem like a good deal of work, but after you get onto how to go about it you would find that it could be done at a comparatively small cost. A. F. J. Baur.

CARNATION NOTES—EAST.

Watering.

The benches being far from filled with roots, be careful not to overwater at this time of year. Water early in the morning, and having all the air on possible through the day, the foliage will be dry by night. I do not believe in syringing unless it be to dislodge red spider, but on bright mornings, with every promise of a pleasant day, a gentle shower all over the plants is of great benefit. With a little practice you can do this without wetting a bloom.

You will probably notice some places in a bench which seem to persist in drying out. Examine the soil to the depth of three inches to ascertain if water is really needed. Sometimes it is a difference in the mechanical condition of the soil. Other times it is owing to careless watering or from the soil not being level on the benches.

These may seem trivial matters or very unlikely to occur at the present time when so much has been written, but only a year ago I saw the soil in a bench which had been planted, when the soil was rounded to the center so that its depth raised two inches between center and sides.

Fumigation.

Assuming that in time of peace you have prepared for war, strike the first blow. We use Aphis Punk, giving each house a heavy smoke directly all plants are housed, then lightly every week. The best time to fumigate is on a still, rainy or damp night, but should one not occur at the proper time, dampen the walks slightly after having closed the ventilators. This charges the air with moisture, causing the smoke to descend among the plants where needed.

One great advantage of Punk over tobacco stems is the fact that it is not necessary to keep the house closed over an hour, thus giving the plants the abundant ventilation they need at this time of year day and night. It is imperative that your plants be kept free from insects, for by their means lurking diseases enter, to say nothing of the direct damage done by the pests themselves.

About Coal.

Many eastern growers depend on anthracite coal for fuel and while perhaps provided with full dinner pails, full coal hods and bins are scarce. It will soon be time to turn in a little heat nights, just to keep the air moving through the crack left on at the top. Those having a small lot of coal from last year will hesitate to use it, while those who have none certainly cannot use any, and both will perhaps see no other way but to close down tight some of these cold nights, which of course is a dangerous proceeding.

While not advising this as a remedy for fear some may think it a panacea

A Floral Pillow.

or coal and wood saver. I should in an extreme case close down and immediately proceed with a bellows to fill the house with Grape Dust.

GEO. S. OSBORN.

FLORAL PILLOW.

The accompanying engraving is from a photograph of a pillow arranged by J. H. Shelton, Rochester, Ind. It is unfortunate that the inscription was allowed to get out of shape, but the general effect is good and the way the pansies are used seems commendable. It will no doubt be interesting to many.

ROSES.

Seasonable Hints.

The season is now at hand when buds will be more plentiful than is desirable, both for the condition of the plants and the market. Disbudding and cutting off those buds which are not wanted at this time will require a deal of time and care.

From past experience we know that during the season of mums, roses are invariably a drug on the market. Disbudding and thinning out should be practiced with a double object in view, viz., to shorten the cut at that season and develop a good cut for the holidays, when the demand and prices are good. With a little calculation and forethought this can be obtained in ordinary weather.

Simply nipping off the buds at this season has a tendency to encourage a lot of small blind wood, as almost every eye will break and consequently will be weak. To disbud with advantage to the future crop, two or three eyes next to the bud should also be cut off; the strength of the plant will thus be directed to the remaining eyes, which will eventually develop into good flower stems.

It must be borne in mind that dark weather is approaching, when crops will not mature so quickly, and ample time should be allowed for the development of the holiday crops, five or six weeks being about the usual time at that season, according to the weather. In faking the ordinary cut from Brides and Bridesmaids, to get the best results they should be cut so that at least two eyes with fully developed leaves are left on the plant, and where the stems are of extra strength, as is frequently the case with Golden Gates and Meteors, it is better to leave four or more eyes; this will encourage more eyes to break and while the stems will not be quite so long the blooms will be of a much better quality. Beauties should always have four or more eyes left, and the temptation to get a few more inches of stem on the cut blooms at this season is frequently the cause of scarcity of good and well developed blooms during winter.

The removal of laterals should also be strictly attended to; they should be nipped out while they are small and soft, as if they are allowed to get hard and woody they deprive the bud of its rightful nourishment and spoil the gracefulness of the stem. If this is carefully attended to twice a week the extra quality of bud and stem obtained will amply repay the labor.

Next week I will treat on the care and assortment of the cut previous to shipment.

RIBES.

CHRYSANTHEMUMS.

Temperature.

In many sections frost is looked for the last week in September, and some attention must now be paid to the night temperature in the mum houses. The chrysanthemum is a cool grown plant, but when the outside temperature falls to freezing point the ventilators should be lowered down and only an inch or two of air left on.

If the temperature of the house falls below 45 degrees after the air is reduced down, a crack of heat should be permitted to pass through the house.

It is not a wise policy to let the house run much lower than 45 degrees where you are handling crown buds. While an odd cold night may not hurt much, a series of cold nights form conditions that are unsuitable for the proper development of such buds, on account of the fact that they are much more crowded with petals than are terminal buds and require a more genial atmosphere to develop in. Many growers who claim to be unable to handle crown buds would probably find it easier work if they were not so sparing of the coal on frosty nights.

Another reason why it is well to have a little heat when the nights are cold is because the atmosphere on such nights is still, and the moisture will settle down on the expanding florets and cause them to damp. A dry, moving atmosphere is necessary for the best development of the flowers, and on foggy, moisture-laden nights, such as we sometimes get in October, we run a line of steam through the house, no matter how warm the night, for the sole purpose of keeping the moisture off the flowers.

Let not the interested reader get the idea from these notes that the mum is a plant to be "coddled." The conditions I have described are such as to necessitate some precautions, but in bright, cool weather leave the ventilators and doors wide open, night and day, to help ripen up the wood. No advantage is gained by putting on heat and running the plants very warm with the idea of getting flowers early. If the house is kept up to 70 degrees nights it will make no difference in the time necessary for the development of the flowers, but with cool nights and bright days a great difference can be noticed every day.

And how interesting it is to note this daily development. I know of nothing that a man can grow that will reciprocate good care as will the mum. A man grows roses or carnations and he is thinking of and looking out all the time for the flowers that are yet to come but with a mum you begin with a small slip of a plant and gradually work up to a climax. Is it to be wondered at that a man gets to be a mum crank, and continues to devote space to the cultivation of his favorite flower when his better judgment tells him he could make more money by growing something else.

The Chicago Exhibition.

It is to be hoped that everyone who can will contribute to make the show held at Chicago this year under the auspices of the Chrysanthemum Society of America a splendid success. It will help to boom the society, and there never was an exhibition held yet that did not help to boom the sale of the flowers. Growers of good stock make the mistake of their lives when they don't use every possible endeavor to get their wares prominently before the public. For every person that sees your stock when you have a private exhibition in your own houses a thousand will see it when you exhibit in a public hall. Do then, fellow craftsmen, get to work and make the show this fall a lasting monument to western enterprise and skill. I hope and trust there will be a good competition for the medal offered by our French confreres. Let them see that their generosity is appreciated. Horticulture knows neither country nor religion and is doing as much to bring about the universal brotherhood of man as any of its kindred sciences.

Buds.

To return to our mums, I notice that many buds here and there are showing color. The early ones of course, Glory of the Pacific, Soliel d'Octobre, etc., are quite prominent. The last named, by the way, can be got in quite early in October if the bud can be taken by the second week in August. Among what may be termed the larger flowered section I notice Robinson is showing color on the crown bud. This variety is even finer than usual this year, and it seems almost incomprehensible to me that it comes so weak necked in some sections. Mrs. Coombes is also showing color. It has made a very fine growth, and I haven't much doubt will become a standard pink, particularly among growers, and they are numerous, who can handle V.-Morel with only indifferent success.

Others that are showing color are Sunderbruch, old but excellent for home trade; Bonnaffon, on crown buds; Miss Alice Byron, a white on the style of Weeks; Nellie Pockett and several other new things as yet unclassified. One of the chief charms of the mum in my eyes is its "Infinite variety." Every spring one can start up with a batch of new varieties with a breast full of the hope that springs ever eternal, etc., and in the fall possibly out of all the prize packages that you thought you had you may get one or two varieties only that are improvements on the type. But what of it. Next year you can try again with the same amount of hope and possibly better luck. As an aid to optimism, if nothing else the mum is worthy of a kind regard in the minds of all of us.

Brian Boru.

CHRYSANTHEMUM SOCIETY OF AMERICA.

President Herrington has announced committees to examine chrysanthemum seedlings and sports on dates as follows: October 4, 11, 18, 25, November 1, 8, 15, 22, 29, 1902.

Boston, Mass.—E. A. Wood, chairman, care Boston Flower Market, No. 1 Park street; James Wheeler, William Nicholson.

New York, N. Y.—E. Dailledouze, chairman, care New York Cut Flower Co., 26th street and Sixth avenue; James W. Withers, William H. Duckham.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; George Stollery, E. Wienhoeber.

Cincinnati, O.—Albert Sunderbruch, chairman, care Cincinnati Cut Flower Co., 437 and 439 Main street; James B. Allan, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of $2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Any one having a variety in season before or after dates fixed can have the same passed upon by specially notifying the chairman of committees.

Edwin Lonsdale, Secretary.
Wyndmoor, Chestnut Hill, Philadelphia, Pa.

The following is the scale of points for the judging of the several classes of exhibits by the Chrysanthemum Society of America:

Scale A.—Scale of points for bush plants and standards, single specimen or any number up to six in an exhibition where the class under consideration does not form the chief feature in the exhibition hall:

Equality of size and form of plants.	40
Excellence of bloom	35
Foliage	25
	100

Scale B.—Scale of points for bush plants; exhibits of more than six or for any number of specimen plants in an exhibition where the class under consideration forms the chief feature in the exhibition hall:

Excellence of bloom	40
Equality of size and form of plants.	35
Foliage	25
	100

Scale C.—Scale of points for plants grown to single stem and one bloom. A height of not over three feet is recommended for plants in this class and pots not over 6 inches in diameter:

Excellence of bloom	40
Compact and sturdy growth	35
Foliage	25
	100

Scale D.—Scale of points on specimen blooms for commercial purposes:

Color	25
Form	25
Fullness	15
Size	15
Stem and foliage	10
Substance	10
	100

Scale E.—Scale of points on specimen blooms for exhibition purposes:

Distinctiveness	25
Color	15
Form	15
Size	15
Stem	10
Foliage	10
Fullness	10
	100

WHOLESALE CUT FLOWERS.

In the past we have refrained from publishing full lists of cut flower prices in the wholesale markets, feeling that these quotations, as usually printed, are misleading and do more harm than good.

We have now, however, devised a system that we think will convey a more accurate idea as to the actual conditions in the market and we begin the publication of such quotations in this week's issue.

Please note the qualifying comments below the Chicago quotations this week. And bear in mind that "specials" are the very cream of select stock. The proportion of "specials" in the cut from even the best growers is very small. Of "firsts" there is a goodly proportion in the stock of the best growers—anywhere from one-fourth to one-half, but rarely as many as the latter figure. "Seconds" and "culls" comprise the rest of the stock. And there are some growers who rarely send to market anything except "seconds" and "culls" and sometimes all "culls" and what the dealer euphoniously terms "punk," which is stock that won't sell and is difficult to burn.

The old saying, "There is always room at the top," is never truer than when applied to the cut flower market. We have time and again seen the first selection of roses sold readily at say $8 per 100, while the firsts went fairly well at $6, the seconds very slowly at $3, while the culls dragged at $1. And during seasons of glut the specials would still command $8, the firsts would go slowly at $4 and the seconds and culls could be sold only in job lots at unmentionable prices to street men if at all.

There is always an abundance of poor stock in the market. If the grower who produces only seconds and culls would quit building and devote all his energies to raising the quality of stock from what glass he already has, it would be money in his pocket and better for the market and all concerned.

And don't imagine that if the seconds and culls were cut out prices would decline on good stock. The man or woman who buys from the retailer is the one who makes the demand for high grade stock. The retailer finds he can sell such stock at sometimes double the price of the next lower grade, and he buys it of the wholesaler, because he has this demand from his customers. The retailer merely endeavors to meet the demands of his customers, who are ready to pay a good price for something first class, rather than a lower price for something not so good.

"But," says the grower of this stock, "it used to sell." Very true, but conditions are continually changing and you must change with them or be left stranded. What was the best a few years ago now classes in the seconds. And further very few flowers are now worked up into designs compared to the number so used in the past. Instead of being worked up into baskets in which cripples could be used to fill in between and under a few good flowers elevated above the rest, the bulk of the sales are by the dozen and the buyer usually insists upon picking out each flower individually. The retailer grades his stock accordingly. He says: "These are $3 a dozen, these are $2 and those are $1." The buyer sees the difference in value—it is often very marked—and when the retailer finds he sells the best stock easiest, even at the higher price, he goes into the wholesale market and hunts for more of that grade. And the grower who has it gets a swelling in his bank account, while the one who hasn't soon faces a deficit.

Just at present, for instance, the grower who will send in to the Chicago market 500 first class Bridesmaids, with stout stems, 15 to 18 inches long and plump, well colored heads, 2 to 2½ inches long, and good sized, clean and abundant foliage, can get $25 for them easily and quickly, while the one who sends in 1,000 seconds and culls, 6 to 10 inch stems, many weak, and heads only 1¼ to 1½ inches long, foliage weak and sometimes mildewed, will find that 500 may sell for $15, and the rest be jobbed off for $5. He gets less for his thousand than the other does for his 500. And probably much less, as the first class stock always sells, while the other is frequently dumped in whole or in part.

We doubt if any grower could produce all "specials," but there is a considerable number that either produce no "culls," or else never allow them to reach the market. And there are some who rarely send in any "seconds." Their stock is looked for in the commission houses and sells quickly, always at top figures. Get into this class if you are not already in. It is the only one that it pays to be in.

HEATING IN THE SOUTH.

I enclose a plan of my greenhouse plant, for which I wish to install a steam heating apparatus. Please tell me the best arrangement of pipes and how many for each house to keep the necessary heat when outside temperature drops to 12 degrees above zero. It has never gone that low here, but I want to be on the safe side. We seldom get more than 8 degrees of frost. What size pipe

A Floral Float.

would you advise for flows and returns? Would it be best to run the flows overhead and the returns under the side benches?

Would it be best to get one large sectional boiler or two smaller ones, so one can be used in case of accident to the other?

Would you advise putting in a coal burning boiler? Wood is most largely used for heating purposes here and is cheaper than coal.

What capacity of boiler is necessary to heat the plant? C. D. M.

Replying to C. D. M., for the heating of the range of houses shown on the sketch accompanying this inquiry, one steam boiler of about 20-horse power would be ample for the work, but it would be more economical, in his southern latitude, to install two small cast iron boilers, each having a capacity of about 800 feet of steam radiation, as during much of the winter season such a boiler would give all the heat required.

The system of mains best suited for this work would be as follows:

Start from the boiler with a 3-inch main north and extending west under the ridge of the smilax house into the palm house, here branch south with 1-inch to the even-span house and north 1¼-inch to the even-span house, continue west with 2½-inch under the ridge of the palm house to the potting shed, branch south with 1-inch to the even-span, north with 1¼-inch to even-span house and continue west with 1¼-inch, turning into the southwest even-span house, the return starting from the southwest even-span house, 1-inch to the eastern end of the potting shed, there increasing to 2-inch and taking in the 1-inch return from each of the two even-span houses, at the center of the palm house, 1-inch return will enter from the southern even-span propagating house; when reaching the east end of the palm house increase to 2½-inch, taking in the 1-inch return from each of the south and north even-span houses at this point, then continue 2½-inch all the way back to the boiler.

For the heating of the asparagus house, take a 1½-inch steam main from the boiler and 1-inch return back to the boiler. For the rose and carnation houses at the extreme east, take a separate 2½-inch steam main from the boiler, branching 1¼-inch into the rose house and 2-inch into the carnation house; the return from the rose house would be 1-inch and from the carnation house 1½-inch, connecting into 2-inch main returning back to the boiler, thus three sets of mains, both flows and returns, are run from the boiler.

The amount of radiation required for the several houses, starting at the southwest of the range from west to east, would be: Even-span house 60 ft. by 12 ft., 366 lineal feet of 1-inch pipe; even-span house, 57 by 9 ft. 6 in., 270 lineal feet of 1-inch pipe; even-span propagating house, 57 by 8 ft. 8 in., 270 lineal feet of 1-inch pipe, 60 by 11 ft. 6 in., 315 lineal feet of 1-inch pipe; rose house, 56 by 20 ft., 570 lineal feet of 1-inch pipe; then starting at the northwest house from west to east, even-span house, 58 by 20 ft., 666 lineal feet of 1-inch pipe; even-span house, 58 ft. 6 in. by 11 ft. 6 in., 351 lineal feet of 1-inch pipe; carnation house, 70 by 24 ft., 780 lineal feet of 1-inch pipe; smilax house, 590 lineal feet of 1-inch pipe; palm house, 357 lineal feet of 1-inch pipe.

The steam main leading through the smilax and palm houses should be covered with asbestos to prevent radiation.

In installing the apparatus, carry the steam mains to their highest point as soon as possible after leaving the boiler, then have everything grade downward back to the boiler. The circulating pipes should be placed under the benches, distributing them as evenly as possible throughout each house.

In selecting a boiler, a coal burning boiler would be the most desirable, as in such boilers where ample combustion space is provided wood can be burned for short time firing, but for regular firing coal would be found most desirable, especially with steam heat, where steady pressure is required.

New York. Henry W. Gibbons.

FLORAL FLOAT.

The accompanying engraving is from a photograph of the floral float entered by Mrs. Edgar Hall of Austin, Tex., in the labor day parade in that city and which was awarded second prize for best decorated float or vehicle. The building in the background is the state capitol.

NEW YORK.

Various Items.

Fleischman has added several plate glass extension windows to his fine store on Broadway, giving ample room for decorative work, and manifesting the necessity for as much attractiveness and novelty as possible to gather the attention of the fickle public. These great Broadway stores are the pulses of the retail market and they set the pace for the retailers of the whole city. A wreath of purple asters with sago leaves was a beautiful illustration of what can be accomplished by artistic work with cheap materials in Fleischman's last week.

At Small's a fine window of water lilies in the basin of the fountain, banked with autumn flowers, cosmos, goldenrod, hydrangeas and brilliant coloring still charms the sight-seers, and with open air blossoms the other window tells with no uncertain sound the floral story of "the last days of summer."

Thorley's window still leans to Bostoniensis, with some fine vases of Beauties, and orchids in the foreground. Across the way McIntosh is mirroring his cozy store, and with the addition of a handsome new wagon seems "in the swim" with the best of them. Warendorff's window is always brilliant and artistic, and Scallen's with the added room and store capacity on the other side begins to look like business again. These Broadway windows are an unerring barometer and tell the story clearly of renewed life and the opening season.

The Rosary, on Fifth avenue, reports business good and an early opening trade. Two new wagons attest the expected boom, and an automobile on November 1st will give this house all the facilities of the best. Some fine bamboo stock is on exhibition, and an abundance of Japan maples and evergreens. Mr. Troy, the manager, always looked ministerial, as his old friends on the road will remember, and last week his brother was called to the ministry of the leading Baptist Church in Brooklyn, which "accounts for the milk in the cocoanut."

Miss Alice MacLeod, stenographer for Siebrecht & Son, has returned from a five weeks' vacation at Montauk Point, in greatly improved health.

Mr. Hugo Schroeter, of Detroit, who has been in the service of Siebrecht & Son, at Newport, during the summer, returned to Detroit September 25th, via Philadelphia and Washington. He has had a lively time at Newport, beheld lords and ladies in abundance, and will show the Detroit florists this winter some illustrations of his acquired artistic ability in the decorative line.

Mr. Parsons, Sr., suffered a very severe attack of apoplexy last week at Flushing, but possessed of remarkable vitality for his advanced years, has again rallied and hopes are now entertained that he may completely recover. He is a remarkable illustration of the recuperative power and reserve strength of a man whose life has been always right, and his friends all wish him to "reach the century."

A trip in the suburbs of New York, Brooklyn, or in the adjacent cities, reveals as never before the glories of the Clematis paniculata as a decorative and charming autumn flower. Everywhere

its beauty is in evidence and few are the tasteful country homes without it. At the Elizabeth Nursery Co.'s grounds nearly half a million plants are ready for the trade. The new greenhouse plant of this firm is nearly completed. The new office, moved from the city to the nursery grounds, is finished, and the grounds themselves are being handsomely planted with the finest evergreens and ornamentals.

October 1st is the 5th anniversary of the formation of Stumpp & Walter Co., of 50 Barclay street. It will be celebrated with proper ceremonies and felicitations. The firm consists of Messrs. Stumpp, Walter and Eicke, three young men of tireless energy and thorough knowledge of the business acquired by many years of practical experience, and unbounded ambition. They have established a fine and growing business, have added a branch store to their responsibilities and are enjoying this year the best season of the firm's existence.

The Cut Flower Exchange in the Coogan Building has invented a very interesting and cleansing system for the benefit of the "bores" and the unwashed strata of horticultural plebeians who have nothing to do. By the exercise of stratagem these gentry are induced to enter an alley where "surplus flowers" can be had for the gathering, and are suddenly overwhelmed with a deluge of pure water from the windows of the Exchange, the number of buckets used depending on the number of wholesalers left in the building. The surprise and moist condition of the victim carries one back to the time of Noah and gives him a slight realization of what the flood meant.

Charles Millang has been handling an average of 10,000 asters daily during the past week, and realizing 50 cents to $1 per 100 for them. The boys have been calling him "Mr. Aster," and asking him when he is "going to England, to visit John Jacob?" His lilies have not been in demand as much as usual, but the "supply" is always on hand and the lily king still holds his title. A musical friend of his has written a march in his honor called "The Lily King."

The autumn exhibition of flowers, ornamental plants, fruits, garden vegetables, field crops and latest horticultural novelties has opened at the American Institute with a splendid variety of exhibits, and an excellent attendance.

Mr. Nash, of Moore, Hentz and Nash, was at Edgely last week looking over the great plant there of 125,000 square feet, where the Queen of Edgely come from that he sells in the Coogan building. He reports a grand stock of Edgely and Beauties, and the new rose "Helen Gould," which is seen there at its best, is being grown extensively.

Mr. F. Sander, Jr., of the house of Sander & Co., of England, arrived Saturday for his first visit to this country and will make a brief call on some of his American customers. Mr. Dimmock, the representative of the firm, accompanied him.

John Scott's auction has been postponed to the 20th of October.

At Elliott's rooms auction prices were fair, ficus, 6-inch, bringing 30 cents; Kentia Belmoreana, 5 to 6-inch, 75 cents to $1.25; Kentia Forsteriana, 4 to 5 feet, 8 to 10-inch pots, $6 to $7 each. At Cleary's similar rates prevailed, but at both establishments it was realized that the first of October is about early enough to begin the fall sales.

Robert Bottomley, of Asheville, N. C., is intending to send some fine decorative stock to Elliott's shortly, to be sold at auction. Among the lot are many kentias in 12 to 16-inch pots, 6 to 8 feet, and areeas, 12-inch pots to 22-inch tubs, 12 to 15 feet high. Those who attended the convention and took the trip to Biltmore will remember the stock.

The cut fronds of Peter Crowe's new adiantum may be found at John I. Raynor's. They are very handsome and sell readily.

The Dreyer auction at Woodside on Monday was well attended and good prices were realized. Cleary conducted the sale.

Samuel Parsons & Co., who have entire charge of all the parks of Greater New York, are doing some extensive landscape work in Kentucky, Utica and New Rochelle, and have in prospect the laying out and furnishing of a large park in Porto Rico. They have had an exceedingly busy season.

The Rustic Construction Co. is one of the old landmarks of Fulton street, New York, having been established since 1875, and within a block of its present location, number 19. The company manufactures rustic work exclusively, and are builders of odd, artistic, and handsome creations that have made their business a popular and prosperous one during all these years. Their specialty of late has been summer houses of all sizes and styles, but among their stock are plant tubs, hanging baskets, bird houses, chairs, settees, tables and many things of special value to florists everywhere. The company is one of experts in their line, and its experience insures satisfaction.

The business relations existing between L. J. Kreshover and H. A. Bunyard have been discontinued.

Dr. Vreeland, of Paterson, N. J., was in town Saturday and reports excellent prospects for a fine crop of roses and carnations. He has over 12,000 square feet of glass and from an experiment for recreation has developed a nice commercial business. All his stock is handled by Moore, Hentz & Nash at the Cut Flower Exchange headquarters.

McHutchison & Co. have opened an office at 218 Fulton street, New York, in the wholesale nursery and florist business, and are the American representatives of Arthur De Meyer, Ghent, Belgium; Ernst Reimschneider, Altona-Hamburg, Germany; H. W. Van Der Bom & Co., Oudenbosch, Holland. Both Mr. McHutchison and Mr. Wittpenn are young men of considerable experience, having been with Mr. August Rhotert for years. They have the confidence and good wishes of the trade. Mr. McHutchison will make an extensive trip among his old friends in December.

Miss B. Cohen, who was in the florist business in San Francisco, and later with A. Warendorff on Broadway, opened on Saturday a handsome store on Fifty-ninth street, near Madison avenue.

Edwin Marole, of Summit, N. J., was in the city Saturday. His roses are handled by Mr. A. Guttman, of Twenty-ninth street.

Ford Bros. are enlarging their wholesale establishment on Thirtieth street and making it one of the best equipped and most convenient in the city. About double the old space will be at their disposal.

A fine display of Madame Gastalier chrysanthemums in John Young's window is very attractive, but the demand has not yet materialized for anything "out of season," nor in season, unfortunately.

The International Plant Breeding Conference will be held in the Berkeley Lyceum, 19 to 21 West Forty-fourth street, September 30 and October 1 and 2.

With the advent of cold weather the growers are feeling anything but encouraged over the coal situation. All sorts of fuel is being used to tide over, but these makeshifts will soon be exhausted. Even soft coal cannot be obtained by many and cord wood and old lumber is being burned.

J. Austin Shaw.

CHICAGO.

The usual market report will be found adjacent to the Chicago wholesale cut flower quotations elsewhere in this issue.

Mr. A. J. Clarke, of Clarke Bros., Portland, Ore., accompanied by his sister, Miss Edith Clarke, was a visitor last week. They went from here to Richmond, Ind., and Springfield, O. (Mr. Clarke's old home), and will later visit New York and Philadelphia. Miss Clarke will remain in New York for the winter to study under the best masters of vocal music, and Mr. Clarke will return home after a few weeks' stay in the East.

Mr. and Mrs. P. J. Hauswirth and Miss Annie Kreitling have returned from a fifteen-day absence in the East. In addition to attending the Redmen's Great Council at Norfolk, Va., they visited New York and other eastern points.

August Jurgens has been sending some remarkably fine lily of the valley to market. The spikes are rarely less than a foot in length and on one we counted as many as eighteen bells. He is now cutting a thousand a day regularly. Mr. Jurgens is a nephew of Carl Jurgens, of Newport, R. I., and acquired his experience as a valley grower in his uncle's famous establishment.

Fritz Bahr, celebrated the third anniversary of his wedding last Saturday night. A number of Chicago florists went out to Highland Park to assist in the celebration and were Bahr-ed in over Sunday, after having been introduced to a wedding bell beverage that is ringing yet. Toot-toot!

Anton Then is also in the celebrating line. His 25th wedding anniversary is imminent and he will observe it by taking his wife East to visit his son, who is in charge of a section of rose houses at John N. May's, Summit, N. J. Anton will bake his own cake and grow some fancy carnations on top.

Wietor Bros. are cutting some excellent blooms of the new rose, Ivory, and are very much taken with the variety. It is not only very productive, but the blooms are fine and they sell well in the market.

At Peter Reinberg's establishment in Summerdale the many houses of roses are in fine condition and the plants promise a splendid cut this season. Quite a large proportion of the plants are old ones that have been carried over from last season, having been merely pruned and replanted in fresh soil. Some of these have been bent over to make them break better from the bottom. Beauties,

White Fish Bay Resort, Milwaukee, the Convention City next year.

Brides, Maids and Liberties are the leaders, with Perles, Kaiserins and Chatenay in smaller quantities. Sunrise has been planted very largely for a novelty and five or six houses are devoted to it. The young growths of this rose are so very red that the plants are quite attractive even without any flowers. The bloom is not large, but the peculiar combination of colors makes it very attractive. The variety seems to be a very free bloomer.

The carnations here show the effect of the unfavorable season in this vicinity, but are very good under the circumstances, and look as though they would soon catch up.

A team of florists composed of F. Stollery, C. Balluff, E. F. Winterson, P. J. Hauswirth and Geo. Asmus, played three games last Monday night at Anson's in the Illinois Bowling League and made totals of 817, 778 and 775. But the other fellows made totals of 966, 905 and 894, and there you are.

Alex Newett is celebrating the arrival of a son, who made his advent last Tuesday morning.

A vase of the new light pink carnation, Enchantress, has been on display at McKellar & Winterson's this week and the flowers have attracted much attention. Blooms sent for sale have sold readily at $8 per 100.

Weil & Price have opened a floral store at 506 West 63d street.

"The Lincoln Florist" has opened a store at 407 Center street, not far from Lincoln Park.

S. W. Pike, St. Charles, Ill., was a visitor last Saturday.

Announcement has been made of the marriage of J. Edwin Hauswirth, son of P. J. Hauswirth, and Miss Pearl Brown.

The Chicago Floral Co. has been incorporated with a capital stock of $20,000. The incorporators are Robt. J. Bieg, James W. Taylor and John F. Power.

Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia, is in town and reports business as unusually good in his line. He believes that trade will break all past records this season.

H. S. Harman is again at his post (or ribbon) at Hunt's.

The ladies in Bassett & Washburn's store are getting heavier, but would gain more rapidly in avoirdupois if Louis would let their malt marrow alone.

Mr. Edgar Sanders has made splendid progress during the past week. He has been sitting up in a chair an hour or more each day for the past three days and is very cheerful.

Are you preparing to exhibit at the fall show in the Art Institute Nov. 11 to 15? Remember that there will be many out of town visitors this year, on account of the meeting of the Chrysanthemum Society of America, and that for the credit of Chicago every local grower should be represented in the show by his best.

PHILADELPHIA.

The Market.

Business is fair, just good enough to keep good stock from accumulating. Roses and carnations are improving. Dahlias are fine and plentiful. Asters are moving fairly well. There are a few orchids to be had. Exceptionally good value is offered in nearly all kinds of stock.

The Wholesale Flower Market.

This week marked progress in the work of starting the market. The directors signed the lease for the third floor of 1224 Cherry street from November 1. The secretary issued the call for $5 a share on the company's stock, to be paid in by October 1. The attorney cried the bans for the second time, once more and we can go to the governor for the charter. Last, but not least, the by-laws were thoroughly threshed out all ready for the stockholders to consider at the annual meeting next month.

A New Rose Place.

A new rose place has sprung up in Germantown, on East Washington Lane. It is only four years old, yet already as large as George Anderson's. This place is owned and conducted by F. and H. Mergenthaler, whose enterprise and hard work are shown by seventeen houses filled with vigorous young roses. They have six houses of Maids, four each of Brides and Kaiserins and one propagating house. Their Maids, one house in particular, were in extra fine condition. All the roses looked well. Kaiserins are run up to Christmas. They are in the older houses, those built when the place was started. A fine house was added this summer. Building, glazing, painting and steam fitting are all done by the regular employes on the place.

The Coal Situation.

The continuance of the strike in the anthracite coal regions has at last forced all our growers into buying some substitute for hard coal. Nearly all are buying the hardest and least smoky grades of bituminous coal they can find to tide over the present famine. The dealers say it is a matter of record that the large factories who have taken up soft coal in the past have never returned to the use of hard coal. It is doubtful whether greenhouses will like it so well. It will be hard on the man who does his own firing, to say nothing of the smoke and dirt.

Notes.

Charles E. Meehan has just returned with his family from Ocean City, N. J.

George Farrell, lately with Joseph Heacock, is now with Edward Reid.

It is rumored that a great Beauty grower, who shipped to New York last season, will be seen here once more this season.

George M. Moss is handling some fine smilax.

Edward Reid is out of town this week.

Julius Wolff, Jr., is making a specialty

of commercial orchids in his houses at Twenty-ninth and Sedgeley streets.

W. P. Peacock, Atco, N. J., is sending in many superb dahlias. PHIL.

BOSTON.

The usual market report will be found adjacent to the Boston cut flower quotations elsewhere in this issue.

Talk of a second co-operative market seems to be on the decrease, although it is stated that all that is needed is one or two heavy financial followers, whose names are desired to go upon the lease of suitable quarters.

The Milk Street Cut Flower Co., F. E. Waters, manager, is the name of a new concern at the corner of Milk and Arch streets, which according to the nature of the mixture of water and milk should be "The Emulsion Floral Co." It is now known that this place will carry on all the functions of a first class wholesale dealer in flowers, plants and supplies, and will also let small counter spaces to growers who desire to handle their own products. The quarters obtained are particularly fitted for the business, an immense amount of vault space under the sidewalks being one of its features. Such places vary in their "keeping" qualities for storage of cut flowers, but it is hoped this will prove to be of the best, as it is well partitioned off and particularly well shaded.

Another new venture is the fitting up of a small store near Galvin's, on Tremont street, by the well known firm of street men, Hambo & Gomperts, who generally know pretty well what they are doing and what they are doing it for.

The item concerning J. M. Tuohy, in last week's issue, was an error to slight extent, since Mr. Tuohy is to continue his East Boston store also. And now M. E. Tuohy, the South Boston florist, is establishing a branch in Charlestown, near Thompson square.

The next time you cut any glass with one of those "wheel glass cutters," try dipping the tool in kerosene oil. If it does not work, charge all damages to B. F. Washington, because I heard him recommending the action.

George W. Ayer replenished his exchequer and tickled his bump of vanity by sending some of his asters to the Canadian Horticultural Exhibition and taking several prizes.

The REVIEW starts this week to give more complete schedule of prices than ever before, which will be found upon another page. In its perusal you must remember it is mailed nearly a week before the receipt of the paper, but will at times be corrected by telegraph to meet sudden changes. Prices given will be those paid during the preceding week by inconstant buyers and will sometimes differ from proper prices between a grower and his regular customers, which need not change so often.

J. S. MANTER.

ST. LOUIS.

Trade has improved greatly the past week, and from the way the buyers hustled about the wholesale houses each morning for stock, it looked as though everybody had something to do. There was quite a lot of funeral work, and from the reports of some of the large dealers, the regular store business has proved very good, and the amount of stuff sold at our three wholesale houses shows that we are about to enter into a very busy season. In my rounds of some of the leading retail stores a great deal of activity was noticed and a large stock of flowers is being carried.

The usual market report will be found adjacent to the St. Louis wholesale cut flower quotations elsewhere in this issue.

Mrs. Ayers, George Waldbart, Mary Ostertag and Ellison & Tesson, on Grand avenue, are all in splendid shape for a good season's business. The choicest plants of all kinds fill their places and they say that prospects were never better.

Ostertag Bros. will furnish the decorations for President Roosevelt's reception at the Mercantile Club next week. American Beauties and orchids are the principal flowers they will use.

Riessen Floral Co. will again have charge of the decorations for the Veiled Prophet's ball, which will be held on Tuesday night, October 8, at the Merchants' Exchange Hall.

Michel Plant and Bulb Co. held their annual auction sale of plants the past week at their place on Magnolia and Tower Grove avenues. Quite a number of plants were sold, but at very low prices.

We are glad to note in the last issue of the REVIEW that our much beloved friend, Edgar Sanders, is improving, and we all hope to see him, as usual, at the next convention.

Alex Waldbart, Hamilton avenue, has a fine lot of gladioli, which are being bought up by the store men.

Ellison & Tesson have moved their store from Grand and Franklin to Grand and Finney, under the Odean building, which is patronized by the best class of people in the West End. This is, no doubt, a good move for them. The place is much larger than the one they just vacated.

The North Floral Co., at 915 Olive street, has repainted its store and made other improvements, which make the place more attractive.

E. W. Guy, of Belleville, was in town last week with his daughter on their way to St. Charles, Mo., where Miss Guy attends college this season. Everitt has joined the Belleville All-Star bowling team and expects to bowl at the next convention with our club.

J. J. B.

BALTIMORE.

Trade is picking up gradually and there is at times a shortage of roses and carnations. Outside Cochets are abundant and generally good, though usually with short stems. Shipments are heavy of dahlias but they do not seem to catch on to popular favor, though they are used more largely than a few years back, and where massed are handsome and imposing materials for showy decorations. Some fine Kaiserins are coming into this market from West Virginia, and there are others from nearer growers. Not many American Beauties are to be had and the quality of those offering is not of the best.

The event of last week was the assemblying of the Gardeners' Club and the trade in general at Richard Vincent, Jr., & Son's, at White Marsh, in Baltimore county. That enterprising firm had provided a special train for their visitors and something like a hundred spent the day in their greenhouses and dahlia and canna fields. An ample dinner was prepared for the guests and they, in turn, adopted resolutions thanking their hosts for the pleasant outing, commending their enterprise and skill and expressing appreciation of the advanced methods of culture here in evidence.

Among those present were Messrs. A. and Wm. F. Gude, of Washington.

The Messrs. Vincent continue to extend their buildings and enlarge their farm. Several new greenhouses are in process of erection for the accommodation of their immense quantities of cabbage, cauliflower and other vegetable plants and of bedding plants, the growing of which they make their specialty.

This afternoon and evening (Sept. 22) the Gardeners' Club holds a dahlia show. Great quantities of these effective flowers are shown, the largest exhibitors being the Vincents, Fredk. A. Bauer, Henry Fiseher and Jno. G. Rider. The hall is handsomely decorated and no admission fee being charged the attendanee is very large.

Charles L. Siebold, the superintendent of Patterson Park, has returned with Mr. Siebold from a trip to Germany and other parts of Europe. The reception accorded him by his friends testified to the popularity of this efficient official.

C. E. Smith has sold his florist store in South Charles street to Albert Fiedler, an active and enterprising young man, well posted in the trade. B.

CINCINNATI.

Meeting of the Florists' Society.

A meeting of the Cincinnati Florists' Society was held last Friday afternoon and evening at the residence and farm of Mr. William Murphy, back of Price Hill, and in spite of the fact that it had been raining and was very disagreeable, there were over forty persons present. Mr. Murphy met the party at the end of the Elberon avenue line at 2 p. m., as arranged, and drove them to his plant. The bad weather did not seem to have any effect on the party, as every one was in the best of spirits. At Mr. Murphy's one can see Murphy's White in all its glory. They are in A1 shape and an enormous crop of buds are in sight. All of those in the party were very well pleased with what they saw. Besides this variety Mr. Murphy grows many other varieties, headed by Estelle, which are looking very good.

After going through the houses, the party assembled at Mr. Murphy's residence, where a meeting of the society was held. The principal business of the meeting was adopting a schedule for the fall and winter shows, given by the society and held in their club rooms. These shows are free to the public, and are very popular. This year there will be three shows, the first to be held in November and devoted to chrysanthemums. The schedule, as presented by the committee, was finally adopted with but few changes. Some very good money prizes are offered, and they will bear looking into by out-of-town florists, looking for good things. If you want a schedule address the secretary of the Cincinnati Florists' Society, F. W. Ball.

The society has been greatly honored by the S. A. F. O. H. in that it has been authorized to award a silver and bronze medal of the national society for new and meritorious plants or flowers of American origin, to be exhibited before the Cincinnati society.

A very enjoyable event was the reading of a paper by Mr. J. W. Rodgers, on the trip to Asheville. The paper was very entertaining and highly instructive to those who were unable to attend the convention. A vote of thanks was given him for his trouble.

After the meeting those present were given a most enjoyable repast, and then a social session was held and some songs and piano playing were indulged in to a late hour. After three rousing cheers for Mr. Murphy and family the party was driven back to the car line. All present had a most enjoyable time and will remember it long.

Various Items.

In the civic parade, given by the management of the Fall Festival, there were a number of fire engines and wagons decorated with natural flowers. R. A. Betz did some fine work on two engines, using great quantities of Beauties, besides other roses, and thousands of asters. In the floral contest, which took place on Thursday last, the T. W. Hardesty Co. won the prize for the best decorated table suitable for a banquet for President Roosevelt. The other entry was by the Clifton Rose Houses. For the best bridal bouquet and the best arranged box of cut flowers the T. W. Hardesty Co. took first prize in each and the Clifton Rose Houses second.

I regret to report the death of Mr. Philip Foster, which occurred on Sept. 16. Mr. Foster has for the past 10 years or more been connected with A. Sunderbruch Sons, and was a very reliable man, being an expert flower worker.

The Fall Festival is bringing many visitors to our city, and among them many florists. From Lexington, Ky., came two ladies, who for some years past have been conducting a very profitable flower business there. They are the Misses Anderson and White, and they certainly deserve the success they have obtained.

Other visitors were: Harry Altick, H. W. Ritter, J. B. Heiss and wife and Mr. Tiehlman, of Dayton, O.; Mr. C. A. Rieman, Louisville, Ky.; John Bertermann, Indianapolis, Ind.; James Frost, Greenville, O.; John Adams, Middletown, O.; W. F. Law, Shelbyville, Ind.; J. T. Herdigen, Aurora, Ind.,; Paul Berkowitz, Philadelphia.

C. J. OHMER.

ST. PAUL.

Trade has received a decided impetus by the early frosts and the return of the social season. Stock is not very plentiful, though it is improving daily in quantity and quality.

Cool nights and warm days the first of the month caused considerable mildew and rendered night firing imperative. Old roses which were carried over are now coming into crop, though all the flowers are not first class. Beauties are in good demand. From present indications there will not be half enough grown here to go around. Carnations are looking fine and coming into bloom slowly. The first blooms of Enchantress from J. D. Thompson were received the past week. They are a most pleasing flower, large, of good substance and good keepers. They have all the qualities for a good carnation except color, which is rather lighter than the Daybreak. The advent of the Lawson and Prosperity turned the buyers from their former idol, the Daybreak, and light pink is no longer a general favorite. The introduction of so good a carnation in all other essentials may, however, turn the buyers' fancies again to the Daybreak shade.

A few good asters are still being cut, like the last gift of departing summer. L. L. May & Co. displayed some Fitzwygram mums grown by them and cut Sept. 18th. There is no call for mums yet, but this advance guard is sure to create the demand soon.

A few sweet peas, dahlias, nasturtiums, etc., are brought in from outside, but are the sad reminders of "happy days gone by," and only encourage buyers to select choice inside grown stock when they can secure it.

The Donaldson greenhouses in Minneapolis, under the management of James Souden, are in fine shape and a worthy pattern for all in the trade. Two new sash houses have been added this summer in which smilax and asparagus are planted. Their large houses, devoted to roses, are the finest in the state, and the stock in them very hard to beat. Liberty, Beauty, Bride and Bridesmaid are grown to perfection. Carnations and mums are in fine condition and everything in or about the houses is spick and span, neatness being one of the cardinal principles of the business.

The general observance of McKinley Sunday, created quite a demand for pink carnations a week ago.

S. D. Dysinger made a flying trip to Iowa last week for rest and recreation.

E. O. Lovell, of Grand Forks, passed through the city recently. He reports business very good and improving all the time.

W. W. Seekins, of Duluth, and Jos. Heinl, of Jacksonville, Ill., were both recent callers.

X. Y. Z.

Seed Trade News.

NEW YORK.

Seed shipments for the fall planting are about over and the seed firms of the metropolis report "a good average season" as compared with other years, the demand constantly increasing.

Bulb shipments are now going out in enormous quantities, and all bulbs this year are exceptionally good in quality, larger than usual, and the demand encouraging. October being the bulb month for outdoor planting, no "let up" in the drain is anticipated, and with the settlement of the coal question an exceedingly busy month is assured. The sales of hyacinths, tulips and narcissus seem to constitute one-half of the entire bulb business of the country.

The demand for Harrisii seems to be below other years to date, for which two causes are given by the experts. First, the supply of bulbs is enormous. Second, the waiting for the settlement of the fuel question is universal. Until the fuel question is decided, there can be no positive basis on which to build.

Cool and wet weather in Japan indicates a short crop of Lilium auratum and speciosum.

On exhibition at Peter Henderson & Co.'s I saw Dr. Van Fleet's wonderful new gladiolus "Princeps," one of the largest and most perfect flowers of this family, a good propagator, pure scarlet in color, with an average of twenty to twenty-five flowers on every stalk. A decided acquisition and of sufficient value in the eyes of its originator to command a prohibitive price for its control.

August Rhotert, the importer, has returned to New York, after a ten weeks' trip in Europe, in excellent health and very optimistic as to the future development of the nursery trade in this country. He contemplates an early call upon his "constituents" in America.

Mr. Jas. McHutchison, the genial representative of Mr. Rhotert for some years, has decided "this is a big country with room for everybody," and has opened an office on Fulton street here, formed a partnership and branched out on his own account in similar lines of the trade, representing several European houses.

J. A. S.

ST. PAUL.

J. B. Comont, representing James Carter, Dunnett & Beale, of London, Eng., and S. B. Dicks, accompanied by his son, representing Cooper, Taber & Co., of London, were recent callers on the trade.

Northrup King & Co., of Minneapolis, will soon open a branch retail store. It will be fitted up in modern style and the finest in its line west of Chicago.

Indications for a profitable season's trade are most encouraging. Salesmen have more difficulty in offering the proper varieties than in soliciting trade, and cautious buyers are placing their orders early to obtain the benefit of lower prices.

Onion sets in this immediate vicinity are a very good crop and were all taken care of during the dry weather. Potatoes are a very heavy crop with some indications of rot. Corn has been damaged by frost and will not average more than half a crop. Oats and wheat yielded abundantly. All of these articles, while not strictly belonging to the seed trade, are handled in large quantities by the seedsmen.

L. L. May & Co. have received a patent on their revolving tin seed cabinet, which is being sold in large numbers throughout the country.

X. Y. Z.

WICHITA, KANS.—Ralph Earnest, representing the Albert Dickinson Co., of Chicago, recently spent several days here investigating as to the wisdom of starting a branch house here.

GREENE, N. Y.—The Page Seed Co. has been incorporated with a capital stock of $25,000. The directors are E. L. Page, Albert Page and C. W. Gray.

MR. S. B. DICK, representing Cooper, Taber & Co., London, Eng., called on Chicago seedsmen this week.

AMERICAN ROSE SOCIETY.

President Newbold and ex-president Dorrance were in New York City last week and discussed Society matters with Secretary Barron. It was decided to call a meeting of the Executive Committee to be held in Philadelphia, Pa., on the second day of the Penna. Society's fall show. This will be November 12th.

ELMIRA, N. Y.—A children's flower show was recently held under the auspices of the Elmira Horticultural Society and forty-six prizes were awarded. Much interest was developed.

RIBBONS and Supplies.

Samuel S. Pennock,
1612-14-16-18 LUDLOW STREET, PHILADELPHIA, PA.

RIBBONS and Supplies.

Mention The Review when you write.

OXFORD, PA.—John I. Heibeck has purchased a greenhouse property from the Theodore Whitson estate, located in Atglen, Chester Co., consisting of 8 acres of land, with 10,000 feet of glass and a fine 11-room dwelling, stable, etc. He has also purchased the houses he now conducts in this place, from the Dickey estate, and which contain 8,000 feet of glass. He will run both places this winter and next summer will remove the Oxford houses to Atglen.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—By an all-around gardener; eleven years' experience in park and greenhouse work; single and a good worker. Address F. G., care Florists' Review.

WANTED—By November 10th, position as head gardener on private place or public institution in California, Oregon or Washington, by young man, age 25. A-1 grower of roses, chrysanthemums, carnations and general stock; with a thorough knowledge of lawn work. At present hold position as florist at one of the leading institutions of the Middle West. Address Indiana, care Florists' Review.

WANTED—To buy an established retail florist business in lively town of not less than 10,000 inhabitants. Please state particulars. Central States preferred. Fred. Rentschler, Florist, Madison, Wis.

WANTED—Three or four young men as helpers in our rose and smilax house. Apply to Bassett & Washburn, Hinsdale, Ill.

WANTED—Address of Arthur L Hilton, formerly of Setauket, N. Y. Address P. H. A., care Florists' Review.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Good retail trade. Address S. S., care Florists' Review.

FOR SALE—2000 feet 6-inch wrought iron pipe; has never been used for water or steam; suitable for piping greenhouses. Will be sold at a bargain. Edwin S. Hartwell Lumber Co., 1324 Elston Avenue, Chicago, Ill.

WANTED—A medium-size, second-hand, florists' refrigerator; must be in good condition. Address O. A. C., care Forists' Review.

WANTED—Experienced mushroom grower to grow on shares. Ludwig Mosbæk, 85th street, near South Chicago Ave., Chicago, Ill.

WANTED—Man with experience to grow cut flowers and plants. State age, experience, nationality. Must be sober and industrious. Wages $40.00 per month. Send references. S. M. Harbison' Danville, Ky.

WANTED—An all-around florist for general greenhouse work. State wages expected with board and room. O. R. Demmler, Eau Claire, Wis.

WANTED—Three boys 17 to 18 years of age to learn the business. Also one good carnation and mum grower. Apply at or write to Greenhouses, Morton Grove, Ill. Poehlmann Bros. Company.

FOR SALE—One No. 9 Invincible Scollay hot water boiler· been in use two winters. Estimated heating capacity 2250 ft. 4-in. pipe. $160.00 cash. Cost $280.00. Deer Hill Conservatories, Danbury, Conn.

WANTED—A man to work in greenhouses; one who has had some experience and is industrious and strictly temperate, and not a cigarette fiend; will give $25 per month with board and room; should prefer a Swede or American. W. J. Hesser, Plattsmouth, Neb.

FOR SALE—One-quarter acre lot 7 room dwelling house, grocery and 4 greenhouses and stock, stable, etc., cheap. Near Springfield, Ohio. For further information write Elmer Marsh, Vienna Crossroads, Ohio.

SITUATION WANTED—West preferred by man of superior abilities as grower and manager on large establishment where high-grade stuff is a specialty. Proficient in mums, roses, carnations, orchids palms, fruit under glass and general stock. Experienced in stock, tillage, truck farming, etc. Only position that offers profitable employment to the most advanced man of the day will be considered. J. Cantwell, Box 321, Glen Cove, N. Y.

WANTED—An all-around gardener for a private suburban place near Chicago; a young married man preferred; house and fuel free; no lawn or roads to care for; state age, number in family and wages expected. Might take a single man if reference warranted. Address E. C. N., care Florists' Review.

PERSONAL—Wanted to know the whereabouts of Prosper Henry, florist. E. R., care Florists' Review.

MUST SELL—First class establishment; central Indiana; city of 12,000; three houses well stocked with mums, roses, carnations, palms, ferns, etc. No competition. Price will surprise you. Address Cash, care Florists' Review.

FOR SALE—Anyone wishing to purchase a floral establishment at his own cash price can learn particulars by addressing Auction, care Florists' Review.

FOR SALE—Horizontal tubular boiler 48x15 with plu hat dome and with thirty-nine 3½-inch flues; very suitable for heating hothouses. Apply to Wisconsin Box Co., Wausau, Wis.

SITUATION WANTED. By an experienced storeman, wide-awake salesman, good designer and decorator. Address 75, Florists' Review.

SITUATION WANTED—First-class salesman and experienced designer and decorator; able to take full charge of store. Sober and industrious. Best refs. Address Julius A. Schnapp, 2220 Indiana Ave., Chicago.

FOR SALE—Greenhouse (8000 feet of glass), good boiler and chimney, dwelling and stable, Evanston, Ill., two blocks from C. & N. W. station. Good established trade direct from greenhouse. Price: grouud, 150x175 feet, $4,000.00; dwelling and stable, $500 00; greenhouse, $500.00; total, $5,000.00. Terms: $2,000.00 cash, balance on time. Address 1127 Church Street, Evanston, Ill.

FOR SALE—Seven acres of land; greenhouses, over 6000 feet under glass; good location; good 7-room dwelling house; No. 1 flowing well; good business; retiring from business on account of failing health. For particulars address T. Kloss, St. Peter, Minn.

WANTED—An experienced cut-flower grower; an elderly man preferred. Address Schluraff Floral Co., Erie, Pa.

FOR SALE—A great bargain. Three greenhouses, 6000 feet of glass, well stocked with carnations, chrysanthemums, roses and general bedding stock, in a live, growing town in Western Pennsylvania. Address Bargain, care Florists' Review.

FOR SALE—One flat boiler, in good condition, 3½ inches high, 3x8 feet; has heated one rose house 24x90 feet; one flow and two returns for 4-inch pipe; price $15.00. Delivered on car in St. Paul. Henry Krinke, 43 West Jessamine Street, St. Paul, Minn.

WANTED—Two young men with some knowledge of growing roses, carnations and mums; steady work and good wages either with or without board. Address Cole Bros., Box 577, Peoria, Ill.

Wanted. 2000 to 3000 California Privet, 5 to 6 feet.

Also quantity of **Clumps of Lily of the Valley.** Quote sizes and prices.

Address A, B, C, care Florists' Review.

WANTED.

A large quantity of American Elms—3½-inch caliper—straight, clean, and well balanced heads. Send particulars as quickly as possible, with prices, to

C. G., 14th Floor,
St. James Building, **New York City.**

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; terms reasonable; best of reasons. Correspond with

ROBERT F. TESSON, Trustee,
4248 Olive Street, ST. LOUIS, MO.

WANTED.

ROSE GROWER and NIGHT FIREMAN.

ROSE GROWER thoroughly competent to grow **Beauty** and **Teas.**

NIGHT FIREMAN to understand pipe-fitting. State reference and wages.

W. K. PARTRIDGE,
LOCKLAND, near CINCINNATI, OHIO.

FERNS. TO MAKE ROOM QUICK, NOTE REDUCTION.

Neph Cordata Com., 2½-inch, $3.50 per 100; 3-inch, $4.00 per 100; 4-inch $8.00 per 100.
Boston Ferns, 2½-inch, $2.75 per 100; 3-inch, $4.00 per 100.
Asparagus Sprengeri 4-inch, $6.00 per 100.
Asparagus Plumosus, 3½-inch, $5.00 per 100.
New Double Begonia Semp., strong 3-inch, $4.00 per 100. Order quick with cash.

HENRY ERNST & SON, Washington, Mo.

Mention The Review when you write.

MUSHROOM SPAWN

That can be depended upon.

Fresh importation direct from English manufacturer, 10 lbs., $1.00; 25 lbs., $2.00; 100 lbs., $7.00.

W. W. BARNARD & CO.
161-163 E. Kinzie St., CHICAGO.

Mention The Review when you write.

VIOLETS. Strong field-grown Marie Louise, $5.00 per 100.

Cash with order.

I. N. KRAMER & SON, Cedar Rapids, Ia.

RETURN YOUR EXHAUST STEAM WITH

PRATT & CADY'S AUTOMATIC TRAP.

I have three second-hand traps in first-class condition **FOR SALE CHEAP.** Also two 75 horse-power **steam boilers and one Furman, No 11, steam. One small Scollay boiler, No. 4, in good condition.**

ALL AT A BARGAIN.

A. N. PIERSON, Cromwell, Conn.

Mention The Review when you write.

LEO NIESSEN,
VALLEY, BEAUTIES.

N. W. Cor. 13th and Filbert Streets,

PHILADELPHIA, PA.

Store open from 7 a. m. to 8 p. m. until further notice.

Mention The Review when you write.

Selected DUTCH HYACINTHS
For BEDDING and FORCING.

Single Named, separate colors, all the standard varieties	$3.25	per 100;	$30.00 per 1000
Single Dutch, separate colors, splendid bulbs, unusual value	2.50	"	24.00 "
French White Roman Hyacinths, 12-15 centimeters, fine bulbs	2.50	"	24.00 "
Narcissus Paper White Grandiflora, 13 centimeters and over	1.00	"	9.00 "
Narcissus Double Von Sion, first size, selected (double-nosed bulbs) True Dutch Grown	1.25	"	11.00 "
	1.90	"	17.50 "
Tulips, Single Superfine Mixed	.60	"	5.50 "
Crocus, White, Blue and Striped	.25	"	1.50 "

Write for our **FALL BULB LIST**—It will interest you.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, September 24.

	Per doz.
Beauties, Specials	$3.00
" No. 1	$1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids	2.00 to 6.00
Golden Gate	3.00 to 4.00
Kaiserins	2.00 to 6.00
Liberty	6.00
Perles	2.00 to 5.00
Sunrise	4.00
Cattleyas	50.00
Carnations, White	1.00 to .00
" Colored	.75 to 1.00
Adiantum cuneatum	1.00
Asters	.50 to 1.00
Dahlias	1.00 to 4.00
Gladiolus	1.50 to 2.00
Longiflorum lilies	12.50
Valley	3.00 to 4.00

Buffalo, September 24.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	12.50 to 15.00
" No. 1	8.00 to 10.00
" Shorts	2.00 to 5.00
Brides and Maids, Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnots	3.00 to 7.00
Cusins	2.00 to 6.00
Golden Gates	2.00 to 6.00
Kaiserins	2.00 to 8.00
Liberty	3.00 to 10.00
Meteors	2.00 to 6.00
Morgans	2.00 to 6.00
Gontiers	2.00 to 3.00
Perles	3.00 to 5.00
Sunrise	3.00 to 5.00
Cattleyas	40.00 to 50.00
Carnations, Commons	.50 to .75
" Selects	1.00 to 1.50
" Fancies	2.00 to 2.50
Adiantum cuneatum	.50 to 1.25
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 50.00
" " Sprays per bunch	.25 to .50
Asparagus Sprengeri. Sprays, per bunch	.25 to .50
Asters	1.25 to 1.50
Callas	8.00 to 10.00
Chrysanthemums, ordinary	12.50 to 20.00
Dahlias	.50 to 1.50
Gladiolus	.75 to 2.00
Auratum lilies	8.00 to 12.50
Speciosum lilies	2.00 to 4.00
Harrisii lilies	10.00 to 20.00
Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Sweet peas, per bunch	.05 to .10
Tuberoses	.50 to 1.00
Violets, ordinary	.60 to 1.00

Galax, per 1000, $100 to $2.00
Common ferns, per 1000, $1.00 to $1.50

Baltimore, September 24.

	Per 100
Beauties, No. 1	$10.00 to $16.00
" Shorts	5.00 to 8.00
Brides and Maids	2.00 to 5.00
Golden Gates	3.00 to 5.00
Kaiserins	2.00 to 5.00
Meteors	3.00 to 5.00
Perles	2.00 to 4.00
Carnations, Commons	.35 to 1.00
Asters	.40 to 1.00
Chrysanthemums, Ordinary	3.00
Dahlias	.35 to .60
Tuberoses	3.00

Vegetable ....Plants

CABBAGE—Jersey and Chas. Wakefield, Early and Late Flat Dutch, Succession and Drumhead, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE—Big Boston, Grand Rapids, Boston Market, and other varieties, 15 cts. per 100; $1.00 per 1000; $8.50 per 10.000.

CELERY—In varieties, 15 cts. per 100; $1.00 per 1000.

LEEK—15 cts. per 100; $1.00 per 1000.

PARSLEY—Strong, 40c per 100; $2.50 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

Mention The Review when you write.

Rose Plants for Winter Bloom

	Per 100	1000
1500 Golden Gate, extra fine, 3-in.	$5.00	$40.00
1500 Meteor, extra fine, 3-in.	5.00	40.00
1500 Kaiserin, extra fine, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyers. Terms cash with order.

ADDRESS

S. Alfred Baur,
ERIE, PA.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hard wood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100; **$45.00** per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

FANCY or DAGGER FERNS, 75c per 1000. Discount on large orders. Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

GEORGE M. MOSS,
WHOLESALE FLORIST,

Beauties, Brides, Maids, Carnations, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

Mention The Review when you write.

EDWARD REID
WHOLESALE FLORIST.

A large Stock of **Roses, Carnations, Valley** and other Flowers.

1526 Ranstead St., PHILADELPHIA.

Store closes at 6:30 P. M. Saturday, 1 P. M.
Long Distance Telephone.

Mention The Review when you write.

FRED. EHRET,
WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

Mention The Review when you write.

Eugene Bernheimer
WHOLESALE FLORIST.

Large assortment of

Roses, Carnations and Asters.

11 South 16th Street.
PHILADELPHIA, PA.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, **Pittsburg, Pa.**

Mention The Review when you write.

Garland Evergreen Co.

Shippers of all kinds of
Decorative Evergreens, Wild Smilax, Fancy and Dagger Ferns, Mosses, Holly, Etc.
Also Southern Smilax Plants.

Wire for prices. **GARLAND, ALA.**

Mention The Review when you write.

....THE....
Elizabeth Nursery Co.
ELIZABETH, N. J.

OFFERS

100,000 Field-Grown Phlox
at $6.00 per 100, $50.00 per 1000.

Clematis Paniculata, in large quantities,
No. 1, $6.00 per 100, $50.00 per 1000.

CRIMSON RAMBLERS.
2 to 3 feet, $6.00 per 100; 3 to 4 feet, $10.00 per 100; $80.00 per 1000.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. NEW YORK.

O ye! our buyers here in gay Manhattan,
And you, our shippers true, whose purse we fatten!
Remember, **Lilies**;—South, North, East and West—
Seem all to know the man who sells them best;
And still this song the Lilies sing—Long live Millang, the "Lily King."

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to.
Telephone for what you want. We have it.
TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

THE PIONEER HOUSE
of the Cut-Flower Commission Business.
Open every day at 6 a. m. Always "on deck."
Your business interests never neglected.

J. K. ALLEN

WHOLESALE FLORIST,

106 W. 28th Street, NEW YORK CITY
Tel. No. 168 Madison Sq.

We ship all over the U. S.
Out-of-town florists telegraph your needs.
Consignments of first class flowers always realize with us the **best market prices.**

If years of great success and reputation for stability,
Are proof of first class goods and true reliability,
Then why the shadows follow, why seek **elsewhere** what you need?
We may not do **all** the business, but you well know that we **lead.**

Mention The Review when you write.

ALEX. J. GUTTMAN,
Wholesale Florist.

No better flowers can be found anywhere.
Consignments solicited of first-class stock only.
Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

MOORE, HENTZ & NASH,
Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

Mention The Review when you write.

Geo. Saltford,
WHOLESALE FLORIST,

46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST CLASS FLOWERS SOLICITED.
VIOLETS our specialty.

Mention The Review when you write.

The New York Cut Flower Co.

55 and 57 West 26th Street,

WHOLESALE FLORISTS.

Daily Reports. Weekly Payments.

Tel. 2239 Madison Sq.
2034 Madison Sq.

J. A. MILLANG, Manager.

Mention The Review when you write.

N. LECAKES & CO.

53 West 28th St., (BASEMENT.) NEW YORK.

Telephone 1239 Madison Sq.

Ferns, Galax Leaves and Leucothoe Sprays

OUR SPECIALTIES.

Mention The Review when you write.

HARDY CUT
FANCY AND DAGGER FERNS

Mosses, Laurel, Bouquet Evergreen, Festooning, Wreaths, Hemlock and Spruce Boughs.

H. J. SMITH, P. O. Box 181 **Hinsdale, Mass.**

Mention The Review when you write.

JAMES McMANUS,

Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF **VALLEY** ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
Wholesale Commission Florist.

Special attention given to Shipping Orders.
Consignments of Novelties and all Seasonable Flowers solicited, and returns made weekly.

57 West 28th Street, Telephone 2200 Madison Sq. **NEW YORK.**

Mention The Review when you write.

Wholesale Cut Flower Prices

New York, September 24.

	Per 100	
Beauties, Extra	$10.00 to	$20.00
" No. 1	5.00 to	8.00
" Shorts	1.00 to	3.00
Brides and Maids, Extra	3.00 to	5.00
" " No. 1	1.00 to	3.00
" " No. 2	.50 to	1.00
Golden Gates	.50 to	4.00
Liberty	2.00 to	8.00
Meteors	.50 to	4.00
Perles	1.00 to	3.00
Queen of Edgely	6.00 to	20.00
Cattleyas	40.00 to	50.00
Cypripediums	12.00 to	20.00
Dendrobium formosum		25.00
Carnations, Commons	.50 to	1.00
" Selects	1.50 to	2.00
Adiantum cuneatum	.50 to	1.00
" Farleyense		6.00
Asparagus plumosus, Strings	40.00 to	50.00
Plumosus Sprays, $2.00 a doz. bunches.		
Sprengeri Sprays, 2.50 "		
Asters	.50 to	1.00
Gladiolus	.50 to	4.00
Auratum lilies	6.00 to	12.00
Longiflorum lilies		8.00
Valley	2.00 to	3.00
Tuberoses	1.00 to	2.00
Violets, Ordinary		.50
Galax, per 1000, $1.00.		
Leucothoe		1.00
Common Ferns, per 1000, 50c to $1.00.		

Monday's wholesale trade was extremely dull and prices remain, like the city, "under a cloud." Three or four days of rain have not added to the general hopefulness of the outlook. J. A. S.

Boston, September 24.

	Per 100	
Beauties, Specials		$25.00
" Extra		20.00
" No. 1		10.00
" Shorts		6.00
Brides and Maids, Specials	$6.00 to	8.00
" " Extra	3.00 to	4.00
" " No. 1	1.00 to	2.00
" " No. 2	.25 to	.50
Carnots	1.00 to	6.00
Golden Gates	.50 to	4.00
Kaiserins	1.00 to	12.50
Liberty	1.00 to	8.00
Meteors	1.00 to	8.00
Morgans	1.00 to	4.00
Perles		2.00
Carnations, Commons	1.00 to	2.00
" Fancies	3.00 to	4.00
Callas		12.50
Dahlias		.50
Gladiolus	2.00 to	3.50
Longiflorum lilies		10.00
Valley	3.00 to	5.00
Smilax		12.50
Violets, poor		.50
Galax		.15
Common Ferns		.10
Mignonette		1.00

Last week witnessed one of those strange, unaccountable revulsions in business that occur at irregular times. Traffic was exceedingly good the first half of the week, coupled with something of a scarcity of all kinds of material. Thursday brought in a large increase of good material and patrons purchased quite heavily, only to find later that customers had suddenly disappeared. This story was told quite generally. But Saturday was a fairly busy day and resulted in a very fair clean up all around in retail lines, with just about enough good material to cover all demands, and quite a surplus of poor goods left on the growers' hands. Goods inclined to be scarce now are Perle, Morgan and Helen Gould roses, fancy kinds of carnations, violets and lilies.

JOHN YOUNG

Special American Beauties,
Surpassing Carnations,
Lily of the Valley, Orchids
and all seasonable flowers.

51 W. 28th St., NEW YORK.
Tel. 1905 Madison Sq.

YOUNG & NUGENT,

42 West 28th Street,
Telephone 2065 Madison Sq. NEW YORK,

Are supplying the most superb stock of **Summer Flowers** ever offered to New York buyers. Meteor, Liberty, Beauty, Bride and Maid Roses. Splendid Cattleyas Gigas and Mendelli.

Send for quotations.

Established 1891.

GEO. E. BRADSHAW. JOHN R. HARTMAN.

BRADSHAW & HARTMAN,
Wholesale Florists,

53 West 28th Street,
Telephone 1239 Madison Square. NEW YORK.
Consignments Solicited.

BONNOT BROS.

WHOLESALE FLORISTS,

55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.

OPEN ALL DAY!

AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.

Mention The Review when you write.

W. J. Cowee, Berlin, N. Y.

Manufacturer of

MACHINE WIRED TOOTHPICKS

10,000....$1.50; 50,000....$6.25

3000 6-inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

Special Offer LILIUM HARRISII

JUST RECEIVED a special lot and we were instructed to sell regardless of cost. We will therefore offer them at a very low rate. 5 to 7, 400 in case at **$39.00** a 1000; 7 to 9, 200 in a case at **$80.00** a 1000. We could not sell at this price except in this instance, because the grower requested us to make an easy sale. **Send for our Bulb catalogue.**

H. F. MICHELL, 1018 Market St., Philadelphia, Pa.

Mention The Review when you write.

SCHLOSS BROTHERS,

533 Broadway, NEW YORK CITY. Telephone No. 3872 Spring.

HEADQUARTERS FOR FLORISTS' RIBBONS AND NOVELTIES.

Mention The Review when you write.

Asparagus Sprengeri.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

BEGONIA REX—Best named varieties. Special price to make room, from 2½-inch pots, $1.00 per 100.

CAREX JAP. VARIEGATA—A very useful decorative grass, from 2¼ inch pots, $2.50 per 100.

CYPERUS ALTERNIFOLIUS—Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100.

DOUBLE SWEET ALYSSUM—Do not forget this useful flower. Strong bushy plants from 3-inch pots, $4.00 per 100.

VIOLETS. Princess of Wales—Field-grown clumps, free from disease. Plant now. Second size, $3.00 per 100.

CALIFORNIA—Field-grown, second size, $3.00 per 100.

LADY CAMPBELL—Pot-grown plants of this variety give better results than field-grown stock. Extra strong from 3-inch pots, $3.50 per 100.

PRIMROSES. (Chinese)—After several years of careful tests, we are now able to offer stock from the finest imported seed. Can guarantee satisfaction. From 3-inch pots, in white, light pink, scarlet and blue, $5.00 per 100.

NATHAN SMITH & SON
ADRIAN, MICH.

Mention The Review when you write.

BOSTON FERNS

Extra fine, **from pots,** cool grown, very bushy, **good plants,** in any quantity. $50.00, $75.00, $100.00, $150.00 per 100. Stock ready for immediate decorative purposes.

Seedling Ferns,

Good commercial varieties, $10.00 per 1000.

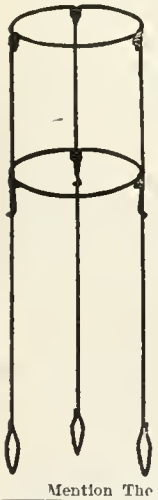
FERNS in pots, $3.50 per 100; $30.00 per 1000.
For September delivery only.

FICUS, 30c, 40c and 50c.
Extra good value, well established.

JOHN SCOTT, Brooklyn, N. Y.

TELEPHONE No. 1207 WILLIAMSBURG.

Mention The Review when you write.



...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. July 27, 1897; May 17, 1898.

Write for prices and circulars.

IGOE BROS.
226 N. 9th St., Brooklyn, N. Y.

Mention The Review when you write.

GERANIUMS!

Good Assortment, Standard Varieties, from 2¼-in. pots, **$2.00** per 100.

Giant Double Alyssum, 2¼-inch pot, $2.00 per 100.
Hardy English Ivy, 2¼-inch pot, $2.00 per 100.
Swainsona Alba, 2¼-inch pot, $2.00 per 100.
Baby Primrose, 2¼-inch pot, $2.00 per 100.
Lemon Verbena, 2¼-inch pot, $2.50 per 100.

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

BOSTON FERNS!

We are headquarters in the west for them. Write us about 2½, 3, 4, 5, 6, 7, 8 and 10 inch sizes.

Asparagus Plumosus .....and Sprengeri!
2½, 3, 4 and 5-inch.

Smilax. 2 and 3-inch.

A lot of 5-in. **Hibiscus** to close, $1.50 per doz.

Cinerarias. In 2½ and 3-inch.

Geraniums. R. C. now ready. **Write**

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

Asparagus Plumosus Strong plants from 2-in. pots, **$4.00 per 100; $30.00 per 1000.**

ROSES Fine, strong 4-in. pot plants of Ivory, **$15.00 per 100.**

5,000 ENGLISH IVY Strong plants in 3-in. pots, **$5.00 per 100; $35.00 per 1000.**

ISAAC H. MOSS, Govanstown, Baltimore, Md.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, September 24.

	Per doz.
Beauties, 36-inch stems	$3.00
" 30 "	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.00
" 12 "	.75
" Shorts	.50
	Per 100
Bridesmaids, Specials	$5.00
" Firsts	4.00
" Seconds	3.00
" Culls	$1.00 to 2.00
Brides, Specials	5.00
" Firsts	4.00
" Seconds	3.00
" Culls	1.00 to 2.00
Kaiserins, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
" Seconds	3.00 to 4.00
" Culls	1.00 to 2.00
Perles, Firsts	4.00
" Seconds	1.00 to 3.00
Liberty, Specials	10.00 to 12.00
" Firsts	6.00 to 7.00
" Seconds	3.00 to 4.00
Golden Gate, Firsts	6.00
" Seconds	2.00 to 4.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
Mme. Chatenay, Firsts	6.00
" Seconds	4.00 to 5.00
Sunrise	4.00 to 5.00
Ivory, Firsts	6.00
" Seconds	3.00 to 4.00
Carnot, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Carnations, Fancy	2.00 to 3.00
" Firsts	1.50 to 2.00
" Culls	1.00 to 1.25
Asters, Selects	1.50 to 2.00
" Ordinary	.50 to 1.00
Valley, Selects	4.00 to 5.00
Violets, Princess of Wales	1.00
Harrisii lilies	15.00 to 18.00
Auratum lilies	12.00 to 15.00
Tuberoses	3.00 to 6.00
Chrysanthemums (Fitzwygram)	8.00 to 12.00
Smilax	8.00 to 12.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" " Sprays	1.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

In roses the quality is off and there are mighty few blooms that can be classed as specials. The quotations on firsts are almost generally the top of the market, and on culls there is almost no bottom. We bear, for instance, of such sales as 2,000 for $15, and a very large proportion of the stock received comes in the "seconds" and "culls" classes. Considerable mildew is noted. In some cases the top quotations are given by only one house. For instance, only one quotes Kaiserin at as high as $10 for specials. The rest uniformly give $6 as the highest price obtained. In other words, they have no specials to offer. The same variation was noted in regard to Liberty. Few have as yet any blooms that they can ask over $6 per 100 for.

It is the same in carnations. Only a few houses have stock of the $3 grade and as a rule $2 is the top, but any decent sort of a bloom will bring $1.50 and few are so poor as to get into the $1 class. There is a surplus of poor grade roses and none too many of the best qualities, while in carnations there are none too many of any kind, in fact, rather a shortage.

Milwaukee, September 24.

	Per 100
Beauties, Specials	$18.00 to $25.00
" Extra	12.50 to 15.00
" No. 1	8.00 to 10.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	6.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gates	3.00 to 5.00
Kaserins	4.00 to 6.00
Liberty	4.00 to 8.00
Meteors	3.00 to 5.00
Perles	3.00 to 5.00
Carnations, Commons	1.50
" Fancies	2.00 to 3.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	60.00 to 75.00
" " Sprays	2.00 to 4.00
" Sprengeri, Sprays	2.00 to 6.00
Asters	.50 to 1.00
Daisies	.25 to .50
Smilax	15.00
Galax	.20
Common ferns	.20

I LIKE the REVIEW very much. I could not do without it.—WM. FREED, Spry, Pa.

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Hunt's Flowers Go Everywhere.
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800,000 SQUARE FEET OF GLASS.
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A FEW OF OUR LINES:

Fancy Roses, Fancy Carnations, and cut flowers of every kind,
Wild Smilax, Tame Smilax, and Smilax that tickle the blind;
Adiantum, Orchids, and Asparagus you cannot eat,
Valley, Chrysanthemums and Violets that can't be beat;
Ribbons, Silk Cords, and Novelties in great profusion,
Baskets, Wheat Sheaves, arranged to avoid confusion;
Immortelles, Pampas, and Cycas, of the very best quality,
Xmas Green, Xmas Holly, and stock for any old Holly-day;
Jardinieres, Vases, and a complete line of Wire Works,
Bulbs, Seeds and Plants, in a pinch we can furnish Fire Works;
For Cut Flowers, or Supplies we certainly are the Daisies,
And our desire is to please Men, Women and Babies
Providing they are Florists
And favor us with their orders.

Are you interested in any of the above LINES? If so, communicate with us at once, stating what LINE you are mostly interested in, and we will interest you in LINE of prices.

McKELLAR & WINTERSON CO., 45-47-49 WABASH AVE., CHICAGO.

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Wholesale Cut Flower Prices.

St. Louis, September 24.

	Per doz.
Beauties, Extra	$2.00 to $2.50
" No. 1	1.00 to 2.00
" Shorts	.40 to 1.00
	Per 100
Brides and Maids, Specials	$3.00 to $5.00
" " Extra	2.00 to 3.00
" " No. 1	1.50 to 2.00
" " No. 2	1.00 to 1.50
Carnots	2.00 to 5.00
Golden Gates	1.50 to 4.00
Kaiserin	1.50 to 5.00
Liberty	2.00 to 5.00
Meteor	1.50 to 4.00
Perle	1.50 to 4.00
Carnations, Common	1.00
" Selects	1.00 to 2.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" Sprays	1.50
" Sprengeri, Sprays	1.50
Asters	1.00 to 2.00
Chrysanthemums	12.50 to 15.00
Gladiolus	3.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	4.00 to 5.00
Violets, Ordinary	.35 to .40
Galax	.15
Common Ferns	.15

Stock in general begins to improve in quality. There is a heavy supply of roses just now, and especially of Brides, Maids and Golden Gates. Meteors, Carnots and Perles are limited in quantity. American Beauties are in better supply than they have been for some time, yet not half enough come in to supply the demand, which is always good. These wholesale at from $1 to $3 per dozen. The smaller roses, such as I mentioned, are sold at from $1 to $4 per 100. The best of them sell quickly, but there are plenty of the seconds left over to be sold cheap in large lots the next day.

The carnation growers are almost through with housing their plants and are sending in some first-class blooms. Of these the Lawsons are the best but have very short stems. Daybreak, Scott and Crane are as yet quite small but of good color. These are selling well and very few, if any, are left over after the morning sales. The price the past week was from $1 to $2 per 100.

Asters were quite plentiful the past week and some very fine large white are in the market. The light shades are the best sellers. The choicest of them brought $1.50 per 100.

Some good valley brought $3, with the demand good. Asparagus and smilax is to be had in large lots and is of good quality.

A few Fitzwygram chrysanthemums are in the market and they sell at sight at $1 per dozen. J. J. B.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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1316 Pine Street, ST. LOUIS, MO.

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CONSIGNMENTS SOLICITED

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Pittsburg, September 24.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	10.00 to 15.00
" No. 1	5.00 to 8.00
" Shorts	2.00 to 6.00
Brides and Maids, Specials	
" " Extra	3.00 to 4.00
" " No. 1	2.00 to 1.00
" " No. 2	
Kaiserins	2.00 to 8.00
Liberty	2.00 to 6.00
Sunrise	1.00 to 3.00
Carnations, Commons	.75 to 1.00
" Fancy, white	1.50 to 2.00
" Fancy, colored	1.25 to 1.50
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus, Strings	30.00 to 50.00
" " Sprays	2.00 to 33.00
Asparagus Sprengeri, Sprays	2.00 to 3.00
Asters	.25 to 2.00
Chrysanthemums, Ordinary	6.00 to 10.00
Dahlias	1.00 to 2.00
Daisies	.25
Valley	2.00 to 4.00
Smilax	8.00 to 12.00
Galax	.15
Common ferns	.20

The Finest Cut VALLEY

No better to be had, at $5.00 per 100.

Medium grades also.

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Growers of CUT FLOWERS at Wholesale.

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Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALYSSUM.

1500 Giant double alyssum, nice, bushy 3-in. pot plants, $2.50 100.
E. J. CLOUD, L. B. 32, Avondale, Pa.

Double sweet alyssum, strong, bushy plants, 3-in., $4.00 100. N. Smith & Son, Adrian, Mich.

Giant dbl. alyssum, 2¼-in. $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ARAUCARIAS.

We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

Araucaria excelsa, A. excelsa glauca and A. robusta compacta in all sizes. Fine plants, low price. Bobbink & Atkins, Rutherford, N. J.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
Julius Roehrs, Rutherford, N. J.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

ASPARAGUS.

ASPARAGUS SPRENGERI. Handsome stock for immediate delivery.
4½-inch pots .....$12.00 per 100
5-inch pots ..... 15.00 per 100
Great value; speak quickly if you want them.
W. H. SIEBRECHT, Astoria, L. I., N. Y.

Asparagus Sprengeri, 2½-inch...$4.00 per 100
Asparagus Sprengeri, 3-inch ..... 6.00 per 100
Asparagus plumosus nanus, 2½-inch. 5.00 per 100
Asparagus plumosus nanus, 3-inch.. 7.00 per 100
VICK & HILL CO., Rochester, N. Y.

Aspargus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100.
NATHAN SMITH & SON, Adrian, Mich.

Asparagus plumosus nanus, fine strong plants, 3-in. pots, $5.00 100; 4-in., $7.00 100; 5-in., $10.00 100. Asparagus Sprengeri, fine large plants, 3-in. pots, $5.00 100. Geo. Darsley, 176 Claremont ave., Jersey City, N. J.

Asparagus plumosus nanus, extra fine, 2½-in., better than some 3-in., $3.50 100; $30.00 1,000. Extra fine, 3-in., $5.00 100. Sample of either size, 10 cts. free by mail. Cash, pleaae.
H. TONG, Ashtabula, Ohio.

Asparagus Sprengeri, 1000 fine, stocky plants from 3-in. pots, ready for fall delivery, $2.75 per 100; to clear out, $20.00 for the lot. Cash.
Gulf Coast Nurseries, Dickinson, Tex.

Buy Southern-grown Asparagus Sprengeri, 2½-in. pots, $2.00 per 100; 4-in. pots, $5.00 per 100; from seed beds, $1.00 per 100.
H. L. Neal, Seguin, Tex.

Asparagus plumosus, 1000 strong plants in 3-in. pots, $5.00 100. Strong healthy 1 year old plants from bed, $8.00 100.
A. J. PENNOCK, Lansdowne, Pa.

A. plumosus nanus, 3½-in., $5.00 100; $40.00 1000. A. Sprengeri, from flats, $1.00 100; $7.50 1000; $25.00 for 5000.
California Carnation Co., Loomis, Cal.

10000 A. Sprengeri, extra strong 2¼-in., $1.50 100; 2½-in., $2.50 100.
BUCKLEY PLANT CO., Springfield, Ill.

Asparagus plumosus, 3-in., 5c; 4-in., 15c; 5-in., 25c. Fine plants in fine condition.
Crown Point Floral Co., Crown Point, Ind.

Asparagus Sprengeri, $2.00 per 100. Satisfaction guaranteed or your money back.
C. F. BAKER & SON, Utica, N. Y.

Asparagus Sprengeri, 4-in., $6.00 100. A plumosus, 3½-in., $5.00 100. Cash.
H. Ernst & Son, Washington, Mo.

Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000.
Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus Sprengeri our specialty. 10,000 plants from 2 to 6-in.
H. Bornhoeft, Tipton, Ind.

Asparagus Sprengeri, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

To make room. 500 Asparagus Sprengeri, 4-in., strictly first-class, $8.00 per 100.
McDONALD & STEELE, Crawfordsville, Ind.

Asparagus Sprengeri, 2¼-in., $2.00; plumosus, 2¼-in., $3.00 100. Cash.
JOS. H. CUNNINGHAM, Delaware, O.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
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ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Field-grown Sprengeri. Nice clumps at $3.00 and $5.00 per 100.
C. Winterich, Defiance, Ohio.

Asparagus plumosus, 2-in., $3.00 100; $25.00 1000. Cash. Livingston Seed Co., Columbus, O.

A. plumosus, strong 3-in., ready to shift, $5.00 100. Van Wert Greenhouses, Van Wert, O.

A. Sprengeri, 2½-in., ready for 3½-in., $2.50 100. Cash. Estate of D. Fisher, Montvale, Mass.

Asparagus Sprengeri, very bushy, 2½-in., $1.75. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus Sprengeri and plumosus. Write.
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

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Box Trees. Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

150 Rex begonias, 10 varieties, ready for 4-in., $4.00. 150 flowering begonias, standard sorts, good size, $3.00. Mrs. J. E. Patton, Trenton, Mo.

New double begonia, semperflorens, 3-in., $4.00 100. Cash. H. Ernst & Son, Washington, Mo.

Begonia Rex, good plants ready for retailing, 4½-in., 15c.
Crown Point Floral Co., Crown Point, Ind.

Rex begonias, 3-inch, nice collection, $6.00 100.
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Rex begonias, best named varieties, 2½-in., $4.00. N. Smith & Son, Adrian, Mich.

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1000 pink and white bouvardia, $8.00 100. Leo. Niessen, 13th and Filbert sts., Philadelphia, Pa.

Bouvardias rosea multiflora and A. Neuner, fine, bushy, field-grown, $8.00 100.
S. S. Peckham, Fairhaven, Mass.

BULBS.

CALLAS. Plump grades, prompt shipments.

	Diameter.	Per 100.
First-class	1 to 1¼ inches.	$3.50
Extra quality	1¼ to 1½ inches.	4.50
Selected	1½ to 1¾ inches.	5.50
Mammoth	1¾ to 2 inches.	7.50
Exhibition	2 to 3 inches.	9.50

FREESIAS. SPLENDID QUALITY. Per 1000.
¼ to ⅜ inches in diameter.....$2.50
⅜ to ½ inches in diameter..... 3.50
½ inch and up in diameter..... 5.00
Fresh stock, just arrived from our own farms in California.
JACKSON & PERKINS CO., Newark, New York.

NARCISSUS.	100	1000
Paper white grandiflora	$1.00	$9.00
Paper white grandiflora, selected bulbs	1.25	10.00
Von Sion, double nose, selected	2.00	18.00
Von Sion, mammoth bulbs	1.75	14.00
Von Sion, first size	1.50	12.00

STUMPP & WALTER CO., 50 Barclay St., New York.

Selected Dutch hyacinths for bedding and forcing. Single, named; single, Dutch; French white Roman hyacinths, narcissus paper white grand., narcissus double Von Sion, tulips, crocus, etc. Send for our FALL BULB list—it will interest you.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Special offer on LILIUM HARRISII—5 to 7-in., 400 in case, $39.00 1,000; 7 to 9-in., 200 in case, $80.00 1,000. Send for our bulb catalogue.
H. F. Michell, 1018 Market St., Philadelphia, Pa.

Now ready.	100.	1000.
L. Harrisii, 5x7	$ 3.75	$ 35.00
L. Harrisii, 7x9	9.50	90.00
Callas, 1½ to 5¼-in., circ	5.50	50.00
Roman Hyacinths, 12 to 15 cms.	2.50	24.00

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We have unexpectedly received a large consignment of LILIUM HARRISII; send us the number you require and we will make you a SPECIAL PRICE.
J. M. THORBURN & CO., 36 Cortlandt St., New York.

FALL BULBS. Callas, candidums, freesias, Romans, paper whites, etc., now ready. If you have not received our list of fall bulbs send for a copy. W. W. BARNARD & CO.,
161 Kinzie St., Chicago.

Lilium Harrisii, healthy, unblemished stock, 5x7, $4.00 100, $35.00 1,000; 7x9, $8.00 100, $70.00 1,000. Send for our new catalogue.
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Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.
BOBBINK & ATKINS, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
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LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla and Belladona bulbs. Write.
California Nursery Co., Niles, Cal.

Calla bulbs, 1st size, $4.00 100.
California Carnation Co., Loomis, Cal.

CACTI.

Old-Man Cactus, 4—5 in. high, $3.00 per doz., $20.00 per 100; 6—8 in. high, $4.00 per doz., $30.00 per 100. Prices include prepayment by parcel-post.
J. A. McDowell. Ap. 167, City of Mexico.

Stapelia variegata (star cactus), $3.00 100; makes fine border; will live and bloom all winter in southern states. Cash with order.
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CANNAS.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want?
Write Benj. Connell, West Grove, Pa.

CAREX

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

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FIELD-GROWN CARNATIONS.

	1st size.	2d size.
2000 Norway	$8.00 100	$6.00 100
1000 Flora Hill	6.00 100	5.00 100
1500 Mermaid	6.00 100	6.00 100
500 Egypt	5.00 100	4.00 100
500 Maceo	5.00 100	4.00 100
300 Gov. Roosevelt		5.00 100
200 Lorna		6.00 100
300 Queen Louiae		6.00 100

W. E. HALL, Clyde, Ohio.

FIELD-GROWN CARNATIONS.

	100.		100.
Queen Louise	$7.00	Buttercup	$7.00
Gov. Roosevelt	7.00	Irene	7.00
Prosperity	7.00	Bon H. Richard	7.00
Goodenough	7.00	Norway	7.00
Lippincott	6.00	Victor	6.00
Lord	6.00	Portia	5.00
Marquis	6.00	Daybreak	5.00
Eldorado	5.00	C. A. Dana	6.00

J. L. DILLON, Bloomsburg, Pa.

FIELD-GROWN CARNATIONS, strong, healthy plants. Per 100:

	No. 1	No. 2
1000 Russell	$5.00	$3.00
800 Gomez	4.00	
200 America	4.00	

Cash with order from unknown parties. Packed to carry safely by express.
CHAS. BLACK, Hightstown, N. J.

20,000 field-grown carnations, extra fine and healthy; all cuttings taken from flowering stems, Lizzie McGowan, $3.00 per 100; Russell, good pink, moves easily, $4.00 per 100.
AARON KEITER, Parker Ford, Pa.

SURPLUS STOCK OF EXTRA STRONG FIELD-GROWN CARNATIONS.

To close out at once, for cash, at bargain-counter prices: 1000 SCOTTS and 1500 M'GOWANS at $20.00 per 1000; 1500 CROCKERS, 300 PORTIAS, 400 DEANS and 100 CRANES at $25.00 per 100. Also 800 mixed varieties, good plants, $12.00 for the lot.

Packed and shipped in good order.

H. P. OWEN, Central Valley Greenhouses, Toughkenamon, Pa.

MURPHY'S WHITE. A commercial white carnation; vigorous and healthy grower; early, free and continuous bloomer; stem and calyx its strong points. Will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1000, $45.00 5000.

I am headquarters for Estelle cuttings. Price: $4.00 100, $30.00 1000.

WM. MURPHY, Station F, Cincinnati, O.

FIELD-GROWN CARNATIONS.

	12.	100.		12.	100.
Cressbrook	$3.00	$15.00	Egypt	$1.00	$7.00
Norway	1.50	8.00	Mermaid	1.00	5.00
Prosperity	1.50	8.00	Goethe	1.00	5.00
Lord	1.00	7.00	Beau Ideal	1.00	5.00

The above are in good shape, ready for immediate shipment. 25 plants one variety at 100 rate.

H. WEBER & SONS, Oakland, Md.

Field-grown plants, strong and healthy.

	Per 100
Norway	$6.00
G. H. Crane	6.00
Flora Hill	5.00
America	5.00
Ethel Crocker	4.00

Write for special price on thousand lots.

JOHN G. ELLINGER, Walnut and 48th Sts., Philadelphia, Pa.

Field-grown carnations, large, healthy plants.

	Per 100.	Per 1000.
White Cloud	$4.50	$40.00
Daybreak	4.50	40.00
America	4.50	40.00
William Scott	4.00	35.00
Lizzie McGowan	4.00	35.00
Portia	4.00	35.00

Terms cash or C. O. D.

THE BOOL FLORAL CO., Ithaca, N. Y.

Field-grown carnations—Fine, strong, healthy plants of Mrs. Lawson, Prosperity, Mrs. Bradt, Queen Louise, Marquis, Genevieve Lord, Ethel Crocker, Joost, Daybreak, Wm. Scott, Jubilee, Crane, America, Gomez, Maceo, Eldorado, at $5.00 per 100, to close them out. Cash with order. Also a few hundred Maids and Brides, 3½-in. pots, $4.00 per 100. M. J. Lynch, Poughkeepsie, N. Y.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$7.00	$60.00	Lord	$5.00	$40.00
Marquis	6.00	50.00	Melba	5.00	40.00
Scott	4.00	30.00	M'Richm'd	5.00	40.00
McGowan	4.00	35.00			

250 of one variety at 1000 rate.

ISAAC H. MOSS, Govanstown, Baltimore, Md.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

FIELD-CARNATIONS. Large—Healthy—Vigorous.	100.		100
Norway	$6.00	Nydia	$5.00
Marquis	6.00	Flora Hill	5.00
Glacier	5.00	Crocker	4.00
Joost	5.00	Cardinal	4.00
Mary Wood	5.00		

A. C. BROWN, formerly Brown & Canfield, Springfield, Ill.

FIELD-GROWN CARNATIONS.

Marquis, Genevieve Lord, Daybreak, Morning Glory, White Cloud, Frances Joost, Ethel Crocker, Triumph, Melba, Gov. Griggs.

Fine, strong plants, $40.00 per 1000.

W. F. KASTING, Buffalo, N. Y.

5,000 Freedom from select stock; a good all-round white; $5.00 100; $45.00, 1000.

	100.		100.
1000 Hill	$4.00	100 Melba	$6.00
500 Scott	4.00	200 Portia	4.00
400 Joost	6.00	100 Bon Ton	5.00
300 Tidal Wave	4.00		

C. E. ALLEN, Brattleboro, Vt.

EXTRA FINE, FIELD-GROWN PLANTS.

	100		100
White Cloud	$8.00	Wm. Scott	$5.00
Prosperity	8.00	Hill	5.00
Mrs. Joost	6.00	Cartledge	4.00
E. Crocker	5.00	McGowan	4.00

LEO NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Field-grown carnations. Hill, White Cloud, Daybreak, Crane, Jubilee, Victor, Meteor, Joost, Morello, $6.00 per 100. Lord, Scott, Dana, Crocker, $5.00 per 100. Delivered in lots over $5.00 in N. Y., Pa. and Eastern states. Cash with order. F. H. Llewellyn, Olean, N. Y.

Carnation plants—Prosperity, Mrs. Bradt, Gen. Gomez, Ethel Crocker, Mrs. Joost, Wm. Scott, Lizzie McGowan and others. Also Marie Louise Violets. This stock is good, clean and healthy. Will sell cheap. Write for price and say what you want. J. Bennett, Blue Point, L. I., N. Y.

FIELD-GROWN CARNATIONS.

$4.00 per 100. $35.00 per 1000.

4000 Lord	2000 Norway,
2000 Egypt,	200 Triumph,
	250 Peru.

GRAND RAPIDS VIOLET CO., Grand Rapids, Mich.

1500 carnation plants of Mrs. F. Joost, Gen. Maceo, G. H. Crane, Daybreak, White Cloud, and Elm City. We consider a plant with from 9 to 15 shoots a fair plant, and these are what we offer. Healthy and strong from the field. Cash with order.

C. A. Gardner, Wakefield, Mass.

GOOD FIELD-GROWN CARNATIONS.

600 Avondale (a good pink shade of Dorothy), $3.00 100. This is a bargain. Write at once, as we want to close them out. Also 150 Jubilee and 100 Daybreak at $3.00 100. $2.00 takes the entire lot. You can't lose on them.

CHESSMAN & SCHEPMAN, Richmond, Ind.

FIELD-GROWN CARNATIONS.

Joost, Roosevelt, America, Crane, Marquis, Glacier, Melba, White Cloud, Crocker, McGowan, Estelle, Mermaid, Norway, Prosperity, Bartlett, 1st size, extra strong, $4.00 100; 2nd size, $2.00 100.

JOSEPH HEINL, Jacksonville, Ill.

"The Challenger," ever-blooming and best all-around scarlet carnation. A few thousand extra fine plants at $10.00 per 100; $75.00 per 1000. A few hundred each Mrs. F. Joost and The Marquis, at $6.00 per 100. Cash with order. William Hoffman, Pawtucket, R. I.

I have about 2000 Wm. Scott and 1000 Lizzie McGowan plants, extra fine, free of all diseases, which I offer at $4.00 per 100. Will be pleased to have you call and examine the plants before ordering. Cash with order, please.

W. B. Johes, box 300, Bordentown, N. J.

FIELD-GROWN CARNATIONS.

	100	1000		100	1000
Crocker	$5.00	$45.00	Jubilee	$4.00	$35.00
Lord	4.00	35.00	Scott	4.00	35.00
Daybreak	4.00	35.00	Prosperity	8.00	

S. T. DANLEY, Macomb, Ill.

Field-grown carnation plants—Wm. Scott, Lizzie McGowan, G. H. Crane, Ethel Crocker. Also Callas and Freesias; these plants are in good condition. Hail destroyed my glass and I have no use for plants. James T. Reid, East Downington, Pa.

REDUCED PRICES on carnation plants. Flora Hill, 200, extra strong, $5.00; 200, strong, $3.00; 1,500 late planted, $2.25 100. 300 Scott, 1,200 Joost, 1,000 Crocker, 250 John Young, 250 Dean, $3.75 100. Reduction on 500 or more.

JOHN CURWEN, Glen Head, L. I., N. Y.

Strong, healthy carnation plants that have not been allowed to bloom. Per 100: Elma, light pink, $8.00; America, red; Jubilee, scarlet; Joost, pink, $6.00. Cash.

BAUR & SMITH, 28th and Senate, Indianapolis, Ind.

50,000 field-grown carnations—Wm. Scott, Mrs. F. Joost, The Marquis, Melba, Albertini, John Young, Jubilee, Gen. Gomez, Ethel Crocker, G. H. Crane. $3.50 per 100; $30.00 per 1000. S. G. Bryfogle, Bloomsburg, Pa.

Surplus stock of field-grown carnations—150 The Marquis, 200 Gen. Gomez, 200 Ethel Crocker, 200 Daybreak, 400 Frances Joost, 100 White Cloud, 100 Bon Ton, $5.00 per 100. Cash with order. Chas. H. Green, Spencer, Mass.

Field-grown carnations. Wm. Scott and Lizzie McGowan, extra strong, 1st size $3.50 100; $30.00 1000. Second size, $2.50 100; $20.00 1000. Cash with order.

K. MELBER, Tappan, N. Y.

Field-grown carnations—2000 Frances Joost, A No. 1 plants. No plants have been selected from these. $5.00 per 100; $45.00 per 1000. Cash. J. A. Long, 748 Chapel st., New Haven, Conn.

A-1 CARNATION PLANTS.

Crane, Marquis, Flora Hill.....5 cents
Jubilee, Dayhreak, Victor.....4 cents
These are hard to beat.

FRANK BERRY, Stillwater, Minn.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail, 10 cents.

The Albert H. Brown Co., Westboro, Mass.

Healthy, strong, field-grown carnations.

280 Bon Homme Richard	$4.00 100
135 White Cloud	4.00 100
50 Bradt	4.00 100

JOSEPH LABO, Joliet, Ill.

Strong, healthy, field plants grown on high land. McGowan 3c, Crane, Crocker, Joost, Portia, Scott, Eldorado, Daybreak and Victor, 4c; Norway, 5c. J. J. Styer, Concordville, Pa.

Field-grown plants of Gomez, Joost, $5.00 100; Daybreak, Scott, McGowan, $4.00 100. Issbella Greenhouses, Box 82, Babylon, N. Y.

GOODENOUGH, the most profitable white, $7.00 100. Frances Joost, Maceo and Scott, $5.00 100. All strong, field-grown plants. Write for prices on large lots.

S. LITTLEFIELD, No. Abington, Mass.

35,000 field-grown carnation plants. Money returned if not satisfactory. Eldorado, Gen. Gomez, Ethel Crocker, Bradt, Wm. Scott, Lizzie McGowan, $5.00 100.

ALEXANDER WUERZ, Darien, Conn.

FOR SALE OR EXCHANGE.

10,000 field-grown carnations, perfectly healthy and in fine condition, as season has been favorable with us. Will exchange for violets.

E. WICKERSHAM & CO., Pottstown, Pa.

Fine, field-grown carnations. 300 F. Joost, 200 Flora Hill, 150 Crane, 100 Daybreak, $5.00 per 100. Also some Scott and White Cloud. Cash with order.

CHAPIN BROS., Lincoln, Neb.

1000 Mrs. F. Joost	$6.00 per 100
1000 Wm. Scott	5.00 per 100
3000 Thos. Cartledge	3.50 per 100

J. F. HORN & BRO., Allentown, Pa.

25,000 carnation plants—Wm. Scott, Gen. Maceo, Lizzie McGowan, E. G. Hill and Mrs. Bradt, $25.00 per 1000. Cash with order. H. Anderson, Bayside, L. I., N. Y.

Good stock from field. Wm. Scott, $4.00 per 100; Daybreak, Melba, Tidal Wave, Red Wave, $35.00 per 1000. Geo. Darsley, 176 Clermont ave., Jersey City, N. J.

Wm. Scott and Lizzie McGowan—Strong field-grown plants. $3.00 per 100; $25.00 per 1000. Cash with order. R. J. Gardner, Bayside, L. I., N. Y.

Field-grown carnations, fine, strong, healthy plants. Per 100: PROSPERITY and GENEVIEVE LORD, $4.00; White Cloud, $5.00.

P. REINBERG, 51 Wabash Ave., Chicago.

50,000 CARNATION PLANTS, extra fine stock. Write for prices. If you have any stock to exchange write at once.

Union St. Greenhouse Co., Geneva, N. Y.

Carnations, strong healthy plants. Flora Hill, $5.00 100; Daybreak, Armazindy and Young, $4.00 100. Cash with order.

E. LEULY, West Hoboken, N. J.

Healthy, field-grown carnation plants. 2,500 Joost, $3.00 100, $25.00 1,000; 200 Crane, $4.00 100. 500 at 1,000 rate. Cash.

J. A. BUDLONG, Wionemac Station, Chicago.

Field-grown plants, strong and healthy. The Marquis, Ethel Crocker, White Cloud, Freedom, $4.00 100; $35.00 1000. Cash.

HUGO BOOK, College St., Worcester, Mass.

Carnations. Strong, healthy plants; take up well. 200 Ethel Crocker, 50 Evanston, 150 Argyle, $5.00 100.

Crown Point Floral Co., Crown Point, Ind.

FIELD-GROWN CARNATION PLANTS.

Prosperity, Marquis, Evanston and Joost at $5.00 per 100.

GEO. REINBERG, 51 Wabash Ave., Chicago.

Daybreaks, extra fine, bushy plants, $5.00 per 100, $40.00 per 1000. Cash.

W. G. Kroeber, 35 Tremont St., New Bedford, Mass.

Wm. Scott and Daybreak, $4.00 100; $30.00 1000.

E. VOLMER, 80 Palisade Ave., West Hoboken, N. J.

Field-grown plants of Crocker, Hoosier Maid, Joost and Mary Wood, $5.00 100; $40.00 1000.

Poehlmann Bros. Co., Morton Grove, Ill.

Field-grown carnations. Extra strong stock of Eldorado, Meteor and Scott. $3.00 100.

J. B. HEISS, Dayton, Ohio.

Carnations—Crane, Chapman, Hill, White Cloud, etc. Write for prices and sizes.

Crabb & Hunter, Grand Rapids, Mich.

SPECIAL PRICES in my clearing sale of high grade Joost. Write for them.

Otto Bourdy, Lowell, Mass.

Healthy carnation plants of Scott and Crocker, 4c, $35.00 1000. Prosperity, 8c.

W. H. Vance, Wilmington, Del.

Fine field-grown Marquis and Scott carnations, $5.00 100, $45.00 1,000.

W. H. GULLETT & SONS, Lincoln, Ill.

Marquis carnations. 2000 extra fine field-grown plants at $5.00.

L. E. MARQUISEE, Syracuse, N. Y.

2000 fine field plants of Joost and Mary Wood at $4.00 100.

HENRY DIERS, Sibley, Ill.

Wm. Scott, strong plants. $3.50 100; $30.00 1000. Cash.

WM. BELL, Bayside, L. I., N. Y.

Field-grown carnations, 475 Flora Hill, No. 1, $5.00 100. D. C. Noble, Columbia City, Ind.

Prosperity, $8.00; Daybreak, $4.00 100. Strong, healthy plants. Carl Rauth, Springfield, Ill.

Strong, healthy, field-grown Joost, $4.00 100. Cash. Dann & Son, Westfield, N. Y.

5,000 McGowan at $25.00 per 1000.

Alfred H. Walker, Hollis, Queens P. O., N. Y.

CARNATIONS—Continued.

Carnations. Send to us for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Send for descriptive price list.
F. Dorner & Sons Co., La Fayette, Ind.

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Field-grown chrysanthemums, all the best varieties, ready for 5½ to 8-in. pots, $5.00 to $8.00 100. Cash.
W. L. Thomas & Son, Box 82, Augusta, Ky.

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Cinerarias, finest, large-flowering, dwarf, ready for 3-in., $2.00 100.
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Cinerarias, 2-in. pots, $2.00 100. Cash.
JOS. H. CUNNINGHAM, Delaware, Ohio.

Cineraria grandiflora, extra strong, ready for 3½-in., $1.50 100. Cash.
J. W. MILLER, Hatton, Pa.

Cinerarias, 2½ and 3 inch.
Geo. A. Kuhl, Pekin, Ill.

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Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

Clematis paniculata, $2.00 100, $15.00 1000. Cash. C. G. Nanz, Owensboro, Ky.

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Night-blooming crinum. What cash offer for? Quite a novelty. Flowers are 6 inches and over across; white, with pale pink stripe; sweet-scented and fine for night decorations.
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20000 CYCLAMEN PERSICUM SPLENDENS GIGANTEUM. Now ready for immediate shipment a splendid lot of well-budded plants from 3-in. pots, $6.00 100, $50.00 1000; from 2½-in. pots, $4.00 100, $30.00 1000. 250 at 1000 rate.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen gig. Extra fine, strong plants in separate colors, 3-in., $8.00 per 100; 4-in., $12.00, $15.00 and $25.00 per 100.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen persicum giganteum, strong plants in separate colors, $1.25 doz., $9.00 100; mixed colors, $1.00 doz., $8.00 100.
H. A. DREER, Philadelphia, Pa.

Cyclamen, 3½-in., separate colors, $8.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Cyclamen giganteum, 3-in., $5.00; 4-in., $10.00 100. S. Whitton, 15-17 Gray ave., Utica, N. Y.

Cyclamen giganteum, fine plants, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

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Daisies. Double Longfellow, pink, extra and Snowball, double white, extra, 50c 100; $5.00 1000.
PETER WENK, Ozone Park, L. I., N. Y.

Snowball, Longfellow, Giant, 50c 100, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

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4000 Deutzia Lemoinei, 1 yr., 2 to 4 branches, 12 to 16 inches, $2.00 100; $15.00 1000. 500 Spirea Anthony Waterer, 1 yr., 8 to 10 inches, bushy, $2.50 100. Cash with order.
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Dracaena indivisa, 100 2-in., $1.50. Cash.
W. W. Thompson & Sons, Station D, Milwaukee, Wis.

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DREER'S FINE FERNS. Now is the time to lay in your supply of ferns. We have in stock over 500,000 plants grown in open frames, well-hardened, and in prime condition to grow for the coming season's use. For varieties and prices see displayed adv. in this issue.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Ferns—I have always a nice collection of ferns, a good variety and nice, bushy stock, 2½-in. pots, $3.00 per 100, $25.00 per 1000; from flats, $1.00 per 100, $9.00 per 1000. Boston ferns, 6-in. pots, 35c each. H. Weston, Hempstead, N. Y.

Boston ferns, 2½-in., $2.50 per 100.
H. L. Neal, Seguin, Tex.

1500 of the old staodby, NEPHROLEPIS EXALTATA. To close them out I offer them at $2.00 per 100; $19.00 per 1000. 100 3-in., Nephrolepis Bostoniensis, $4.00. Cash with order.
LEWIS ULLRICH, Tiffin, Ohio.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
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Boston ferns, extra fine, from pots, $50.00, $75.00, $100.00 and $150.00 100. Seedling ferns, good commercial varieties, $10.00 1000.
JOHN SCOTT, Keap St. Greenhouses, Brooklyn, N. Y.

Nephrolepis cordata compacta, 2½-in., $3.50; 3-in., $4.00; 4-in., $8.00 100. Boston ferns, 2½-in., $2.75; 3-in., $4.00 100. Cash. H. Ernst & Son, Washington, Mo.

Orders booked now for the new Nephrolepsis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Ferns for fern dishes, etc. Extra strong stock, fine assortment. Let us quote prices on your needs, large or small quantities.
BEARD BROS., 1248 W. Fort st., Detroit, Mich.

BOSTON ferns, all sizes. Ferns for fern dishes, 2 and 2½-in., 2½c. Cyrtomium falcatum, 4½-in., 15c; 5-in., 20c.
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FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.
Sunnyside Ferneries, Secaucus, N. J.

1000 finest cool-grown Boston ferns, 5-in., bench-grown, $20.00 100. 500 2½-in. pots, $4.00 100. Cash. H. B. Campbell, Davenport, Iowa.

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Assorted ferns, best varieties only, well grown, $3.00 per 100, $25.00 per 1000. F. E. Shaw, 328 Sunset ave., Utica, N. Y.

Mixed ferns, 20 sorts, $3.00 per 100. Satisfaction or your money back. C. F. Baker & Son, Utica, N. Y.

Pteris tremula, fine 3½-in., 400 at $8.00 per 100. Cash. W. W. Thompson & Sons, Station D, Milwaukee, Wis.

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Boston ferns from bench fit for 4, 5, 6-in. pots $10.00 100. Must have room. Cash.
BYER BROS., Chambersburg, Pa.

Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Boston ferns, fine stock. Write
Geo. A. Kuhl, Pekin, Ill.

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Forget-me-nots, dwarf, blue Victoria, extra strong, stocky, 50c 100, $4.00 1000.
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Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
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Special price on a surplus of 2-in. pot plants of Heteranthe (double red) and Buchner (double white); some have been topped, but will make fine plants if potted this month into 3s. Price: $1.25 100; $10.00 1,000.
ALBERT M. HERR, Lancaster, Pa.

Rooted cuttings of Heteranthe, S. A. Nutt, Poitevine, Landry, Perkins, Buchner, $1.50 per 100, $12.50 per 1000, $100.00 per 10,000. Jean Viaud and Mme. de Castellane $2.50 per 100. $20.00 per 1000.
ALBERT M. HERR, Lancaster, Pa.

Special CLEARANCE sale of geraniums. S. A. Nutt, the leading bedder, $1.50 100, $15.00 1000; Perkins, Beaute Poitevine, Riccard, Hill, $2.00 100, $18.00 1000.
BUCKLEY PLANT CO., Springfield, Ill.

Stock plants, 40 choice varieties, fine bushy plants, $4.50 per 100. Cuttings by the 100 or 1,000, cheap. A. Brumley, Birmingham, Iowa.

Geraniums, good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
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Geranium rooted cuttings now ready.
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Some thousands of choice mixed gladioli bulbs and bulblets for sale cheap, now ready. REASON—Change of business. H. A. Catlin, White Sulphur Springs, West Va.

Gladioli bulbs. Thousands of May and Groff's hybrids. P. O. Coblentz, New Madison, Ohio.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

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Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.
We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
VICK & HILL CO., Rochester, N. Y.

100,000 hardy seedlings, strong plants, hollyhock in 15 different colors, coreopsis, lychnis, gypsophila, gaillardia, delphinium formosum; $10.00 per 1000, $1.00 per 100. Cash with order, please. H. Kruschka, Elberon, N. J.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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Hibiscus, 5-in., to close out, $1.50 doz.
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The largest and finest standards of Hydrangea Paniculata Grandiflora in the country at reasonable rates. Splendid standards of Forsythias and Weeping Lilacs, all in true tree form and carefully staked. Immense blocks of Spiraea Anthony Waterer, S. trilobata, Viburnum tomentosum and all the fine shrubs on the market.
HOOPES BRO. & THOMAS, Maple Ave. Nurseries, West Chester, Pa.

15 Otaksa and 10 Thomas Hogg hydrangeas, from 10 to 18 branches, 25c each, or the 25 for $5.00. H. B. Snow, Camden, New York.

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Hardy English Ivy, 2¼-in., $2.00 100.
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Fancy cut valley at Chicago market prices. Fine pips from cold storage, $1.50 100; $13.00 1000. H. N. Bruns, 1409 W. Madison st., Chicago.

The finest cut valley—no better to be had—$5.00 per 100. Medium grades also.
August Jurgens, 134 Herndon St., Chicago.

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Fresh importation direct from England, 10 lbs. $1.00, 25 lbs. $2.00, 100 lbs. $7.00. W. W. Barnard & Co., 161 E. Kinzie st., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NARCISSUS.

Narcissus paper white grandiflora, $1.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Narcissus (poeticus), double and single, 75c 100, $5.00 1000. F. A. Baller, Bloomington, Ill.

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We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

ORCHIDS, 12 staple varieties for cut flowers, from 75c to $2.50 each.
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Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

Large double, light pink paeonies, $5.00 per 100; for other varieties write
GILBERT H. WILD, Sarcoxie, Mo.

Paeonies, named varieties, good, strong plants, $10.00 per 100.
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In. pots.	In. high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
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Pansy plants—From seed of my own growing from selected plants from the best varieties and strains, embracing a wide range of colors and variations. Just what the people want. Price, 40c per 100, $4.00 per 1000, by express; 60c per 100 by mail.
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Herr's Pansies are good pansies—the kind that brings money when they come into bloom. Free by mail, 75c per 100; by express, at your expense, $4.00 per 1000.
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Five-leafed pansy plants, 50 cents per 100, $4.00 1000. Cash.
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Phrynium variegata, 4-in., $15.00 100. Cash.
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Poinsettias, fine strong plants, 2½-in., $8.00 per 100. Will make the very best plants for Christmas sales.
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Chinese, 3-in. $3.00, 3¼-in. $5.00; obconica, 2-in. $2.00 (300 for $5.00), 3-in. $3.00 100. S. Whitton, 15-17 Gray ave., Utica, N. Y.

Primroses, from finest imported seed, white, light pink, scarlet and blue, 3-in., $5.00 100. N. Smith & Son, Adrian, Mich.

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Resurrection plants.	100	1000
12-14 in. circum.	$2.00	$15.00
15-18 " "	3.00	20.00
20-25 " "	4.00	25.00
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Rose plants, extra fine, for winter bloom.

	100	1000
1500 Golden Gates, 3-in.	$5.00	$40.00
1500 Meteors, 3-in.	5.00	40.00
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This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order. S. ALFRED BAUR, Erie, Pa.

Roses, fine, strong plants.	100.	1000.
3-in Brides and Golden Gates	$4 00	$35.00
3-in. Meteors	2.50	20.00
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Roses ready for planting, good, heavy stock: Perles, Brides, Maids, Gates, Woottons, 3-in., $5.00 per 100; 4-in., $6.00 100.
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ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
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PANSY SEED. Genuine Mme. Perret, Marguerite and Cecile Davy; Parisian, large stained, true; Trimardeau, Giant, mixed and yellow; improved Lord Beaconsfield; improved Faust; Giant, fine, mixed, etc.
Bellis perennis, double white; Snowball, Longfellow and mixed. Beaulieus, hardy white and red onions, 5 kinds; if you want some seed for exhibition send for it. Dahlia roots, 200 choice varieties, best for florists' use.
I have received in three years more premiums around New York than any other florist. I have flowers from June to November.
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Giant Pansy seed; large-flowering varieties, 5000 seeds, $1.00; half pkt., 50c.
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Smilax, strong and bushy, 2-in., $1.00 100, $9.00 1000; 3-in., $2.50 100, $20.00 1000. Cash, please. Samples 10c. R. Kilbourn, Clinton, N. Y.

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Swainsona alba, 2¼-in., $2.00 100. Cash.
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Cyperus alternifollus, outdoor-grown, 3-in., ready for a shift, $4.00 100. N. Smith & Son, Adrian, Mich.

Umbrella plants, 2½-in., fine plants, 10 to 12 inches high, $3.00 100.
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A few fine Cyperus alternifolius left, 3-in. $4.00 per 100. W. W. Dedrick, Ashley, Ind.

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Celery, strong transplanted stock, $1.00 1000, just to close out. Larger lots cheaper yet. Write us if you have room for any. W. Plume, G. Self-blanching and Golden Heart. R. Kilbourn, Clinton, N. Y.

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Lemon verbenas, 2¼-in., $2.00 100. Cash.
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Vincas. Large field-grown plants, nicely bunched, fine runners, $4.00 per 100.
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5000 Lady Hume Campbell clumps, field-grown. I can ship you the best and nothing but the best. My clumps are extra fine, clean and healthy. Cash price, $3.00 per 100. California, 3-in., $2.00 per 100. By the violet grower, A. B. CAMPBELL, Cochranville, Pa.

Healthy field-grown Campbell violets now ready. No. 1, $3.00 per 100, $25.00 per 1000; No. 2, good plants, $1.50 per 100, $13.00 per 1000. Packed to carry safely. Cash with order from unknown parties.
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Latania Borbonica, 18-20, 4-in. $15.00
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Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express. 16 and 18 lbs.
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Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

HOSE.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

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GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

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Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
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Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
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American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
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WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

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FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

MILWAUKEE.

The market the past week was firm. All good shipping stock found ready sale. In roses the call was mainly for white and Beauties. Carnations are extremely scarce, in fact there are practically none in the market worth speaking about. Violets and mums are making their appearance, but in small straggly lots.

A Disappointment.

Great preparations had been made for the reception of President Roosevelt, who was to have been here Wednesday. J. M. Fox had the decorations at the Pfister and Plankinton hotels and had the job well under way when the announcement came that the president was not coming. Hundreds of Beauties and other roses as well as smilax and asparagus will be sacrificed.

Sigmund Hoppenrath, a pioneer florist, died Tuesday evening. Mr. Hoppenrath conducted a stand in the market hall a great many years.

Visitors: Jas. Wilson, Chicago; John Evans, Richmond, Ind. INCOG.

SOFT COAL.

How tall a smokestack should I have to burn soft coal? Can a fire of soft coal be left unattended for the same length of time as a fire of good hard coal, or does it need to be broken up more frequently than a hard coal fire? I have had no experience with soft coal. Does a fire of soft coal clinker more than a fire of hard coal? Have heard that it does and that it needs more attention.
FLORIST.

Replying to Florist, would say the dimensions of a smokestack depend very largely upon the style and size of boiler used; thus, for an ordinary wrought-iron tubular boiler, say 20-horse power, a stack 30 feet above the boiler would give good results, and if it is a slow combustion boiler, having a long and slow flue travel, a higher stack would be required.

In order to get the best results from a soft coal fire, it will require considerable more attention than would hard coal, as a thin fire is necessary, and, if the coal is very soft or gassy, it will require frequent breaking up. Clinkers form much more readily from soft coal than from hard—in fact, firing with soft coal is much more laborious than with hard; flues will also require more frequent cleaning. HENRY W. GIBBONS.
New York.

GRAND RAPIDS, MICH.

The dry spell is at last broken; this morning it commenced to rain and has continued a steady downpour all day. It is badly needed as corn and all field crops still out were drying up. It is the first heavy rain in six weeks.

Business is quiet from the retailers' standpoint, but the shipping of carnation and violet stock and cut flowers has kept the growers very busy. In fact, everything considered, it has been the busiest season ever known here, and such a scarcity in carnations was never before heard of. Field grown flowers of carnations are about over with, and indoor grown are beginning to be in evidence. The stems are short but that fault will soon disappear.

Prices are firm. Carnations, 25 cents per doz.; roses, $1 per doz.; American Beauties, $1.50 to $2 per doz. Longiflorum lilies, of which Crabb & Hunter have a fine lot bring $2 per doz. They are from cold storage bulbs.

Chas. Chadwick has his carnations benched, but is behind with his repairs, rebuilding of benches, altering the piping, etc.

The Floral Co. is hurrying the rebuilding of two more houses so as to get them planted to carnations before frost. The houses are constructed with Garland gutters and solid cement beds.

Cross is getting along finely with his brick boiler shed and the setting above ground of his boiler. He is in a stew, for fear he may not get all his houses connected before frost.

Henry Smith has at last decided to build, and is now hard at it.

Recent visitors: H. D. Seele, florist for Hon. C. G. Conn, of Elkhart, Ind.; Mr. and Mrs. A. W. Tweedie, of Cadillac; also agents for the following firms: W. W. Barnard & Co., Chicago; M. Rice & Co., Philadelphia; Geo. Wittbold Co., Chicago; Ionia Pottery Co., Ionia, Mich.; J. W. Sefton Mfg. Co., Chicago, and, last but not least, Evans, of Richmond, Ind., making a laudable effort to ventilate the town. So successful has Mr. Evans been that he booked orders for fifty-one machines in one week. G. F. C.

NORTH ADAMS, MASS.

F. H. Pratt, the Ashland street florist, has his house well stocked with carnations and mums. A batch of early Harrisii shows up very strong and healthy.

A. J. Schmutz, the Arnold place florist, has finished glazing his new range and is fast getting things into shape. He has a very fine lot of carnations and mums already benched and a large stock of palms and ferns is on hand. He will make bedding plants a specialty. This will be the most modern and up-to-date place in the city.

George H. Phelps, the Blackinton florist, has his carnations benched and they are up to his usual standard, "the best." George has the knack of getting there every time.

The principal topic now is, "What shall we heat with?" Anthracite coal at $12 per ton and only a few tons in the city. Pratt is the only florist who has any coal, he having secured half a winter's supply of a very fine grade of soft coal. Others are thinking of using soft coal, the price of which is $5.75 to $6.25 per ton.

T. D. Brown, of Adams, was a visitor this week. He reports that the material for his new range has just arrived and the erection of the house will begin at once. The Lord & Burnham Co. has the contract. As there is no hard coal to be had in Adams, Mr. Brown will use soft coal this winter. O. S.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

The Conard & Jones Co., West Grove, Pa., register new rose Beauty of Rosemaur. (China.) Hardy, everblooming. Flowers large, imbricated, color carmine rose with white markings.

Henry Eichholz, Waynesboro, Pa., registers the following zonal geraniums: Double Dryden; James S. Wilson, double aureole, bright rose, white center; Little Red Riding Hood, double dwarf, dark rose; Governor Stone, single, crimson rose, white center; Cleopatra, single, clear salmon, round flower; Goliath, single, magenta, yellow blotches on base of petals.

WM. J. STEWART, Sec'y.

IRONTON, O.—W. F. Therkildson has purchased the greenhouse property of Mrs. E. Miller and has organized the W. F. Therkildson Co. to continue the business, of which he will be manager. The new firm starts with bright prospects, having 35,000 feet of glass and one new house now in course of construction and other improvements planned.

Stumpp & Walter Co

Ferns in Flats

FOR FERN DISHES.

The most advantageons way to buy in a stock of Ferns at a little cost. Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting. We can furnish these ferns, grown separately, each flat containing any one of the following sorts, ferns all good salable varieties: **Pteris Wimsetti, Pteris Gilbertii, Pteris Magnifica, Pteris Serrulata, Pteris Chrysoloba, Pteris Cretica Albo-Lineata, Pteris Adiantoides, Pteris Mayii, Adiantum Cuneatum, Aspidium Tensimense, or mixed, PRICE, $2.00 PER FLAT.**

STUMPP & WALTER CO., 50 BARCLAY STREET, BRANCH STORE: 404 E. 34th Street. **NEW YORK.**

Mention The Review wheo you write.

THE BEST VARIEGATED FOLIAGE PLANT to-day is **PANDANUS VEITCHII.**

Fine plants, 6-inch pots, **$12.00** a dozen. Also larger sizes at **$1.50** and **$2.00** each.

JOHN WELSH YOUNG, GERMANTOWN, Upsal Station, Penna R. R. Philadelphia, Pa.

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Wholesale Cut Flower Prices

Cincinnati, September 24.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	6.00 to 12 00
" Shorts	3.00 to 4.00
Brides and Maids, Extra	4 00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 1.50
Cusins	2.00 to 3.00
Golden Gates	2.00 to 4 00
Liberty	2.00 to 4.00
Meteors	2.00 to 4 00
Perles	2.00 to 3.00
Carnations, Commons, white	1.25 to 1.50
" " pink	1.00 to 1.50
" " red	.50 to 1.00
" Fancies	2.00 to 3.00
Adiantum cuneatum	.75 to 1 00
Asparagus plumosus	50.00
Asparagus Sprengeri	35.00 to 50.00
Valley	4.00
Smilax	15.00
Galax, per 1000, $1.00	.15
Leucothoe	.50
Common Ferns	.15

Trade is first-class from every point of view and there is enough extra business in sight to keep the florists of this city very busy all of this week. Although Monday and Tuesday of last week were a little on the slow order as to business, the following days more than made up for them, and all kinds of flowers, especially those that work up well in lsrge decorations, were used. Asters were in by the thousands and the majority of them were AI quality. All of them sold at good prices; in fact, the poorer grades brought better prices than at any time so far this season.

Roses are in very good supply. There were more pink than any other, but American Beauties are coming in in much increased numbers, and there is a ready sale for them, even very short stemmed ones. The extra long-stemmed ones are not yet coming in in large enough numbers to fill all orders. Medium-stemmed ones are just about equal to the demand. Brides are more plentiful, but still by far not enough. Meteors and Liberties are about equal to the demand.

The supply of carnations is increasiog, but is not nearly up to the demand, and from present prospects it will be some time before it is. Perhaps it is just as well, as chrysanthemums will be with us very shortly and when they are in other flowers must take a back seat.

There is a good supply of green goods, and a good sale for it also. You can get just about what you want and in any quantity. Smilax, first-class stock, Asparagus plumosus, strings and bunches the bunches go very well here; Asparagus Sprengeri, which is fast making a permanent place for itself; galax leaves, leucothoe sprays, ferns, etc. There is a good demand for southern wild smilax. C. J. O.

MONTREAL.—The greenhouses of Messrs. Hall & Robinson, at Outremont, were seriously damaged by fire Sept. 12. The loss is estimated at $2,500, with no insurance. The fire is supposed to have started from sparks from a pile of refuse that was being burned on adjoining property.

Ball's Palms!

Now in splendid condition, fully up to the high standard my plants have attained for general condition and hardiness.

Send Orders Early. I will ship them when wanted.

KENTIA BELMOREANA. 2½ in. pots at $12 00, 3-in. at $15.00 and $20.00 per 100; 4-in. at 30c and 40c; 5-in. at 75c; 6 in. at $1.00 and $1.25; 7-in. at $1.50; 8-in. at $2.00 each. Several strong plants in a pot, bushy, 6-in. at $1.00; 8-in. at $2.00 and $2.50; 9-in. at $3.00; 10-in. at $4.00, $5.00, $6.00 and $7.50.

KENTIA FORSTERIANA. 2½-in. pots at $12 00; 3-in. at $15.00 and $20.00 per 100; 4-in. 30c and 40c; 6-in. at 75c. Several strong plants in a pot, bushy, 6-in. at $1.00; 8-in. at $2.00 and $3.00.

ARECA LUTESCENS. 2½-in. pots at $6.00; 3-in. at $10.00; 4-in. at $17.50 per 100. Several in a pot, very bushy, 6-in at 50c, 75e and $1.00; 8-in. at $2.00 and $3.00; 10-in. at $4 00 and $5.00; 12-in. at $7.50.

LATANIA BORBONICA. 2½-in. at $4.00; 3-in. at $8.00 per 100; 4-in. strong at 25c; 6-in. at 50c; 8-in. at $1.50.

PHOENIX CANARIENSIS. 8-in. pots at $2.00 and $2.50; 10-in. at $3.00, $3.50, $4.00, $5.00 and $6.00.

ARAUCARIA EXCELSA. 8 to 10-in. high, 3 tiers, at 50c; 15 to 18-in. high, 4 tiers, at $1.

ARAUCARIA ROBUSTA COMPACTA. 16 to 18-in. high, 3 to 4 tiers, at $2.00; 18 to 20-in. high, 4 tiers, $2.50.

PANDANUS VEITCHII. 6-in. at $1.00.

PANDANUS UTILIS. 4-in. at 20c; 6-in. at 50c and 75c; 8-in. at $1.00.

COCOS WEDDELIANA, FICUS ELASTICA, DRACAENA SANDERIANA, Etc.

Descriptive Price List on Application.

CHAS. D. BALL,

HOLMESBURG, PHILADELPHIA, PA.

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YOU OUGHT TO TRY

100 of our Geraninms that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at **$3.75** per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

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"24-7-52-100"

Continued postgradnate studies on personal accuracy, forethought and originality for mechanical, commercial and professional people. Three sample lessons by mail for one do lar.

DR. EARL M. PRATT, Oak Park, Ill.

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PRIMULAS, Chinese Primroses,

in assorted colors, **$2.00** per 100, fine plants.

ASPARAGUS PLUMOSUS, 2-inch pots, at **$3.00** per 100; **$25.00** per 1000.

PHRYNIUM VARIEGATUM, out of 4-inch pots, at **$15.00** per 100.

UMBRELLA PLANTS, out of 4-inch pots, at **$4.00** per 100.

ARECA LUTESCENS, fine stocky plants, out of 7-inch pots, at only **75c** each.

Cash with order.

The Livingston Seed Co., Columbus, O.

Box 104.

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The Florists' Hail Association

has paid over **$53.000** for glass broken by hail during the past 15 years. For particulars

Address JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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JERSEY CITY, N. J.—The organizer of the American Federation of Labor has organized a local lodge of greenhouse workers, composed of carpenters, painters and other mechanics engaged in greenhouse construction work.

Philadelphia Palms.

JOSEPH HEACOCK

KENTIA BELMOREANA.

Offers the following varieties and sizes: HOME-GROWN and in EXCELLENT CONDITION.

ARECA LUTESCENS.	Per doz.	Per 100
4-inch pot, 3 plants, 18 to 20 inches high	$3.00	$25.00
6 " 3 " 24 to 26 "	9.00	75.00
6 " 3 " 28 to 30 "	12.00	100.00
10 " 3 " 42 to 45 "	$5.00 each.	
10 " 3 " 50 to 60 "	7.50 "	

COCOS WEDDELIANA.	Per 100
2x3-inch pots, 6 to 8 inches high	$10.00
2x3 " 8 to 10 "	15.00

KENTIA BELMOREANA.	Per doz.	Per 100
2½-inch pot, 8 inches high	$1.50	$12.00
3 " 4 to 5 leaves, 12 to 15 inches high	2.50	20.00
4 " 5 to 6 " 15 to 18 "	4.50	35.00
6 " 5 to 6 " 24 "	12.00	100.00
6 " 6 to 7 " 24 to 28 "	15.00	125.00
6 " 6 to 7 " 28 to 30 "	18.00	150.00

MADE UP KENTIA BELMOREANA.	
8-inch pot, 4 plants, 36 to 40 inches high	$3.00 each
8 " 4 " 48 "	4.00 "

JOSEPH HEACOCK, Wyncote, Pa.

PRIMROSES.

CHINESE—Single—Mixed, 2¼-inch pots, 100 strong... $2 00
ASPARAGUS. { Sprengeri, 2¼-inch pots.. 2.00 / Pln., 2¼ inch pots, strong, 3.00
CINERARIAS—2-inch pots... 2.00
PRIMROSE—Obconica grandiflora... 2.00
NARCISSUS—Paper white grandiflora... 1.00
PANSY PLANTS—$3.00 per 1000... .60
Cash or C. O. D.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.

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PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:
"The largest and finest colored flowers we have ever seen."

100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants ready to bloom Oct. 1, $1.00 per 100; $8.00 per 1000. Seed, $1.00 per pkt.; $5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254, **Southport, Conn.**
GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

FIELD-GROWN CHRYSANTHEMUMS!

Queen, Salmon Queen, Ivory, Pink Ivory, Xmas, E. G. Hill, Pres Smith, Jessica, Autumn Glory, Glory Pacific, Major Bonnaffon, Mrs. Henry Robison, G. W. Childs, Hicks Arnold, Kentucky, Lady Fitzwygram, Augusta (white), Golden Wedding, Nov. Queen, and many more.

Umbrella Plants—2½-in pots, fine plants from 10 to 12 inches high, at $3.00 per 100.

The chrysanthemums will have to be potted in 5½ to 8-inch pots, price per 100, $5.00 to $8 00. Will exchange for roses, carnations palms and bulbs of any kind. Quote us what you have to exchange.
CASH OR C. O. D.

W. L. THOMAS & SON, Box 82, **Augusta, Ky.**

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CLEARING SALE.

To Move Quick we will offer the following stock, strictly first class in every respect and true to name, at the following reduced prices:

Geraniums, S. A. Nutt, (the leading bedder), $1.50 per 100; $15.00 per 1000. Frances Perkins, Beaute Poitevine, Alphonse Ricard, E. G. Hill, $2.00 per 100; $18.00 per 1000.

25,000 Smilax, extra strong plants, from 2¼-inch pots, ready for planting, $1.00 per 100; $8.00 per 1000.

10,000 Asp. Sprengeri, extra strong 2¼-in., $1.50 per 100; 2½-in., fine, $2.00 per 100. CASH.

The W. T. Buckley Plant Co.,
SPRINGFIELD, ILL.

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CINERARIAS!

CINERARIAS. Finest large-flowering dwarf, ready for 3 inch pots, $2.00 per 100.

GIANT PANSY SEED.

The best large-flowering varieties, critically selected, 5000 seeds, $1.00; half-pkt., 50 cts.

JOHN F. RUPP, SHIREMANSTOWN, PA.
The Home of Primroses.

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FRUIT AND FLOWER PLATES

Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN
SEND FOR PRICE LIST.

Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.

VREDENBURG & CO., Rochester, N. Y.

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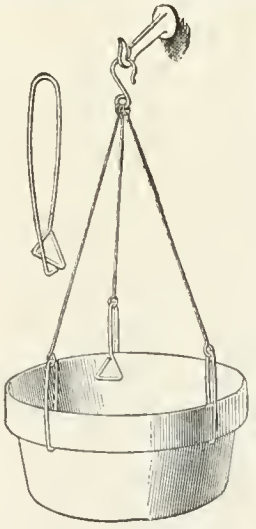

KRAMER'S POT HANGERS.

Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain as shown in cut $1.00 per dozen by express. Sample dozen by mail $1.25.

I. N. Kramer & Son
Cedar Rapids, Ia.

Mention The Review when you write.

We have the largest stock of
ARAUCARIA EXCELSA
In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above ... $0.50
5½-in. pots, 12 to 14 inches ... 60c to .75
6-in. pots, 15 to 18 inches ... 75c to 1.00
Specimen ... 1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots ... .75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen ... from $4.00 to 5.00
Boston Ferns, 6-in. pots ... .40
Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants
1012 Ontario St., PHILADELPHIA, PA.

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We Need Room!

EXTRA FINE 6-inch **BOSTON FERNS**

very bushy, at $4.50 per doz.

THESE WILL READILY RETAIL AT $1.00 EACH

C. C. POLLWORTH CO., = = Milwaukee, Wis.

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INDIANAPOLIS, IND.

The principal event in the floral line so far this season was the floral display at the state fair, which was held Sept. 15 to 19. In plants there was only one firm showing and in spite of the good quality and size of the plants there were less plants than are usually shown. Baur & Smith were the only exhibitors in the plant classes. In their group of show plants were some magnificent plants of geraniums, which showed up fine among the green foliage. They also had some grand plants of Rex begonias, some of them nearly three feet across in 8-inch pots. Two great specimens of Boston ferns attracted much attention.

In roses W. W. Coles, of Kokomo, carried off the first honors with a superb lot of blooms on extra long stems for so early in the season. E. A. Nelson, of this city, running very little behind with another fine lot. In collection of cut flowers, E. A. Nelson won first and Mr. Coles second. In collection of gladioli J. L. Childs, of Floral Park, N. Y., showed a grand lot of blooms and took first, Mr. Coles taking second and E. A. Nelson third.

In baskets, bonquets and floral designs J. A. Rieman, of this city, won first in every class and E. A. Nelson won second in each class. In the class for "original show arrangement of flowers," Mr. Rieman showed an arch with steps leading up to it and a plow on top of the arch. This was easily the finest piece of work ever shown at any of our state fairs. Mr. Nelson showed a rocking chair that was easily worthy of first premium if it had not been up against such a grand piece as Mr. Rieman put up. There was also a nice collection of dahlias shown by a gentleman named Burt, way up in Massachusetts, and they were greatly admired.

Trade has been about as usual the past week. Nothing very rushing and yet enough funeral work, etc., to keep things moving. Roses are getting better right along and so are carnations, while outside flowers are fast disappearing. Mums will be in soon, and in fact Baur & Smith have already cut a few Lady Fitzwygram and others will follow soon.

On the 17th Miss Minnie Hack was married to Mr. J. Gruenwald, and they will in the future make their home at Maywood. Mrs. Gruenwald has been tending her father's stand on the market and became acquainted with most every florist in the city, and her friends are many. A. B.

BURBANK'S

Shasta Daisy.

New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $18.00 per oz.

Pansy, Giant Mixed, $1.00 per oz.; $10.00 per lb.

Asparagus Sprengeri, $1.50 per 1000 seeds.

PLANTS.

Shasta Daisy, 2-inch, $10.00 per 100; 3½-inch, $15.00 per 100. Asparagus Pl. Nanus, 3½-inch, extra fine, $5.00 per 100; $40.00 per 1000. Asparagus Sprengeri, from flats $1.00 per 100; $7.50 per 1000; $25.00 per 5000. Calla Bulbs, first size, $4.00 per 100; 250 at 1000 rate. Express prepaid.

CALIFORNIA CARNATION CO.,
LOOMIS, CAL., U. S. A.

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Poinsettias.

Fine strong plants, from 2½-in. pots.

At $8.00 per 100. These will make the very best plants for Christmas sales.

Wm. Scott, Main and Balcom Streets, **Buffalo, N. Y.**

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PANSIES.

ROEMER'S Superb Prize Pansies—The World's Best—Strong, fine, stocky plants, mixed colors, by mail, 75c per 100; by express, $4.00 per 1000; $7.00 per 2000; $10.00 per 3000; $25.00 per 10,000. Cash with order.

PETER BROWN, --- LANCASTER, PA.

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ZIRNGIEBEL

GIANT PANSIES.

Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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VIOLETS, Imperial, M. Louise, Swanley White, 3-in. pots, $3.75 per 100; $35.00 per 1000. Lady Campbell, $3.50 per 100; $30.00 per 1000. Field-grown Imperials, $3.50 per 100.

CARNATIONS, Crane, Mme. Chapman, Flora Hill, White Cloud, etc. Write for prices.

CRABB & HUNTER, Grand Rapids, Mich.

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Pansy Seed.

Mammoth Butterfly, very fine. 1000 seeds. 25c. Choice named varieties, ⅛ oz., 75c; ¼ oz., $2.50; oz., $8.00. Extra choice mixture, 20 var.; trade pkt., 35c.; oz., $4.00. Giant Trimardeau, high grade mixture, per oz., 75c. Giant Trimardeau, named colors, 75c. to $4.00 per oz., 20 var. Above are imported direct from best growers. Seed all tested. **JAS. C. MURRAY, Seedsman, Peoria, Ill.**

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WALTER MOTT SEED & BULB CO.,

Jamestown, N. Y.

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MANETTI Rose Stocks English Grown, especially graded for Florists' grafting. Write for prices.

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DREER'S FINE FERNS!

Now is the time to lay in your supply of FERNS. We have in stock over one-half million plants grown in open frames, well-hardened and in prime condition to grow on for the coming season's use.

Microlepia Hirta Cristata.

	In. Pots.	Per 100	Per 1000
Adiantum Cuneatum	2	$3.50	$30.00
" "	3	6.00	50.00
" " Variegatum	2	4.00	.....
" " "	3	6.00	.....
" Charlottæ	2	4.00	30.00
" "	3	6.00	....
" Decorum	2	3.50	30.00
" "	3	6.00	50.00
" Farleyense	2	8.00	.....
" "	3	15.00	.....
" Grandiceps	2	3.50	30.00
" "	3	6.00	.....
" Gracillimum	2	3.50	30.00
" "	3	6.00	50.00
" Pubescens	2	3.00	25.00
Adiantum Rochfordianum	2	$3.50	$30.00
" "	3	6 00	50.00
" Rhodophyllum	2	5.00	.....
" "	3	8.00	.....
Aspidium Tsussimense	2¼	3.50	30.00
Asplenium Nidus-avis	3	20.00	.....
Blechnum Braziliense	2¼	3.50	30.00
" Occidentale	2¼	3 50	30.00
" Rubrum	2¼	3.50	30.00
Cyrtomium Falcatum	2¼	3.50	30.00
" Fortunei	2¼	3.50	30.00
Davallia Stricta	2¼	3.50	30.00
Dicksouia Antarctica	3	8.00	....
Gymnogramme Sulphurea	2¼	5.00	.....
Lastrea Aristata Variegata	2¼	3.50	30.00
" Chrysoloba	2¼	3.50	30.00
Lygodium Scandens	2¼	4.00	30.00
Microlepia Hirta Cristata	2¼	6.00	.....
" " "	3	10.00	.....
" " "	4	15.00	.....
Nephrolepis Bostoniensis	2¼	4.00	35.00
"	6	40.00	.....
" Cordata Compacta	2¼	4.00	35.00
Onychium Japonicum	2¼	3.50	.....
Platyloma Falcata	2¼	4.00	35.00
Polypodium Aureum	2¼	3.00	25.00
" Areolata	2¼	3.50	30.00
" Fraxinifolia	2¼	3.50	30.00
Polystichum Coriaceum	2¼	4.00	35.00
" Setosum	2¼	3.50	30.00
Pteris Argyraea	2¼	3.50	30.00
" Cretica Albo-Lineata	2¼	3.50	30.00
" " Magnifica	2¼	3.50	30.00
" Harrisoni	2¼	3.50	30.00
" Internata	2¼	3.50	30.00
" Leptophylla	2¼	3.50	30.00
" Ouvrardi	2¼	3.50	30.00
" Palmata	2¼	3.50	30.00
" Serrulata	2¼	3.00	25.00
" " Cristata	2¼	3.50	30.00
" " Voluta	2¼	3.50	30.00
" Sieboldii	2¼	3.50	30.00
" Wimsetti	2¼	3.50	30.00

Choice Mixed Ferns

Our selection from 2¼-inch pots $3.00 per 100; $25.00 per 1000; $100.00 per 5000.

Seedling Ferns in Flats.

The following varieties can be supplied in flats containing about 200 plants each, at $2.00 per flat. These are thrifty young plants, in excellent condition to pot up at once. Adiantum Grandiceps, Lomaria Gibba, Lygodium Japonicum, Onychium Japonicum, and the following, Pteris, Argentea, Albo Lineata, Magnifica, Wimsetti, Adiantoides, Ouvrardi, Serrulata, Serrulata Cristata, and Sieboldii.

The Pierson Fern—Nephrolepis Piersoni.

We are now booking orders for early spring delivery of this most valuable Fern introduced in many years at $9.00 per dozen. 50 plants at 60 cents each; 100 plants at 50 cents each; 500 plants at 45 cents each; 1000 plants at 40 cents each.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

Asparagus Plumosus!

Fine strong 3-in. plants, ready for a shift, $5.00 per 100.

VAN WERT GREENHOUSES

VAN WERT, OHIO.

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Michigan Seed Co.

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GLADIOLUS, DAHLIA and CANNA Bulbs and Flower Seeds.

SOUTH HAVEN, MICHIGAN.

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THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

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Burpee's Seeds Grow

CYCLAMEN GIGANTEUM OR PERSICUM.

Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00; 4-in., $10.00 100. **Cinerarias,** 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. **Primulas**—Chinese—3-in., $3.00; 3½-in., $5.00 100; Obconica—2-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N. Y.**

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Calla and Belladonna

BULBS FOR SALE.

CALIFORNIA NURSERY CO.

NILES, CAL.

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The New Nephrolepis Fern

ANNA FOSTER

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c. 75c and $1 each.

BOSTON FERNS, now ready at $25.00 and $50.00 per 100.

L. H. FOSTER, Dorchester, Mass.

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Carnations, Geraniums,

Cannas, etc.

Prices quoted upon application.

THE COTTAGE GARDENS, Queens, L. I.

Mention The Review when you write.

B. & A. Specialties.

Dutch, French, Chinese and Japanese Bulbs.

English Manetti, $12.00 per 1000; French Manetti, $10.00 per 1000.
Special prices on large quantities.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Mention The Review when you write.

INCREASING BOILER CAPACITY.

Is it practicable to put ten 4-inch pipes on bottom of boiler in order to get more heating capacity? Boiler is 54-inch shell, 14 feet long and has 34 flues. My idea was that it would increase the heating capacity of boiler one-third. The boiler has to heat 44,688 square feet of glass to 55 degrees at night and 60 to 65 degrees during the day. We carry a low pressure—5 to 8 lbs. It has carried same amount in weather above zero, but if adding pipes is practicable I would like to increase the heating capacity in preference to adding another boiler. Pipes to screw in boiler at bottom, using T end, making one entrance do for two pipes. Boiler is arranged so that heat goes first to rear end and then returns through flues and out to chimney.

S. J. P.

Replying to S. J. P., I very much question the practicability of adding heating surface to the boiler in question in the manner he describes. The heating surface in such boilers is seldom, if ever, in excess of the amount required to maintain a proper ratio with the area of the grates, and any additional heating surface placed as he suggests would require either additional grate surface or an increased height to the smoke stack to induce stronger draft, and also more frequent firing, which intense firing would have an injurious effect upon the boiler; it would be better to install a second boiler to do the additional work, connecting the two to common mains.

New York. Henry W. Gibbons.

PAINTING STEAM PIPES.

Have just given the interior of my houses a fresh coat of white paint. The steam pipes look very unsightly. How can I whiten them permanently without affecting radiation? C. L. D.

Replying to C. L. D., we know of no white paint which can be used satisfactorily on the steam pipes of a commercial greenhouse. If it is desired to paint them for appearance only, use lamp black and turpentine with just enough oil to give it a body, but, if the intense black color is objectionable, a little white lead might be added to give a gray or slate color tint; if, however, the paint is to preserve the pipes, a coat of red lead should first be used.

Henry W. Gibbons.

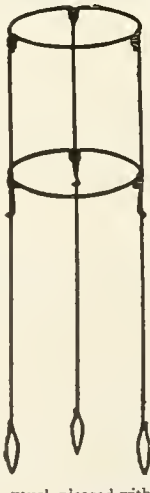
New York.

Atlantic City, N. J.—The Edwards Floral Hall Co. has been incorporated with a capital stock of $5,000. The incorporators are D. B. Edwards, Ida Lewis Edwards and George W. Stone.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; stroog, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

The GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.



NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing, L. I., Dec. 11, 1901.
Mr. Theron N. Parker,
Parker-Bruen Mfg. Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. Thorne.

La Fayette, Ind., July 8, 1902.
Theron N. Parker,
Harrison, N. J.
Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. Dorner & Sons Co.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO. (Inc.)

208 Jersey Street,

HARRISON, · NEW JERSEY.

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Always Mention the....
Florists' Review
When Writing Advertisers.

CARNATIONS from the .... FIELD.

Fine, strong, healthy plants grown on high ground.

200	PROSPERITY	at $10.00	per 100.
1000	MORNING GLORY	at 8.00	"
350	AMERICA	at 8.00	"
225	MARQUIS	at 8.00	"
75	GOMEZ	at 8.00	"
250	JOOST	at $5.00 and 8.00	"
2500	TRIUMPH	at 5.00	"
1000	WHITE CLOUD	at 5.00	"
100	CROCKER	at 7.00	"
100	MACEO	at 5.00	"
125	GENEVIEVE LORD	at 5.00	"
200	CRANE	at 5.00	"

Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

CARNATIONS. Field-grown, as fine plants as you ever saw.

	100	1000		100	1000
E. Crocker	$5.00	$45.00	G. Lord	$4.00	$35.00
Jubilee	4.00	35.00	Daybreak	4.00	35.00
Wm. Scott	4.00	35.00	Prosperity	8.00	

SMILAX, fine strong 2-inch, 4000 of them, $32.00 for the lot, or $9.00 per 1000; $5.00 for 500. Order quick if you want them, we want the room.

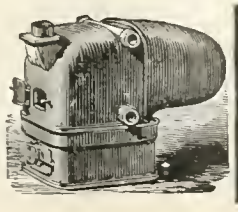
S. T. DANLEY, · MACOMB, ILL.

ROSES! CARNATIONS! Fine field-grown Marquis and Scott carnations, elegant bushy stock, many plants being 12-15-in. across. $5.00 per 100; $45.00 per 1000. Splendid values.

ROSES!	ROSES!	100	1000
Strong 3-in.	Brides and Golden Gates	$4.00	$35.00
Strong 3-in.	Meteors	2.50	20.00
Brides and Maids, 2-in.		2.00	17.50

Fine plants, worth nearly twice these prices.
FOR SALE—4-inch hot water pipe in good condition. Write for price.

W. H. GULLETT & SONS, - - Lincoln, Ill.



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233 MERCER ST., NEW YORK.

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings
And Ventilating Apparatus

Send Four Cents for Catalogue.

EXTRA FINE FIELD-GROWN

Carnation Plants.

1000 White Cloud	$8.00	per 100.
500 Prosperity	8.00	"
1500 Wm. Scott	5.00	"
2000 Ethel Crocker	5.00	"
1500 Cartledge	4.00	"
1500 McGowan	4.00	"
1000 Hill	5.00	"
1000 Mrs. Joost	6.00	"

BOUVARDIA

1000 Pink and White ..... $8.00 per 100

LEO NIESSEN,

WHOLESALE FLORIST,

N. W. Cor. 13th and Filbert Streets,

PHILADELPHIA, PA.

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CARNATIONS!

Field-Grown Plants.	Doz.	100
Cressbrook, extra strong, early propagated, 1st size	$3.00	$15.00
Cressbrook, extra strong, early propagated, 2d size	2.50	12.00
Norway, extra	1.50	8.00
Prosperity	1.50	8.00
Genevieve Lord	1.00	7.00
Egypt	1.00	7.00
Mermaid	1.00	5.00
Goethe	1.00	5.00
Beau Ideal	1.00	5.00

The above are all in good shape, ready for immediate shipment. 25 plants of one variety at 100 rate.

Discount on large orders. Order quick, stock is going fast.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

CARNATIONS!

12,000 strong healthy field-grown plants.

	Per 100	Per 1000
Bradt	$7.00	$60.00
Marquis	6.00	50.00
Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

250 of one variety at 1000 rate.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

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FIELD-GROWN

CARNATIONS.

Crocker, Hoosier Maid, Joost, Mary Wood, $5.00 per 100; $40.00 per 1000.

POEHLMANN BROS. CO., Morton Grove, Ill.

Surplus Stock of Field-Grown

CARNATION PLANTS.

Extra strong stock, $3.00 a 100.

Meteor. Eldorado. W. Scott.

J. B. HEISS, The Exotic Nurseries, DAYTON, O.

100,000 FIELD-GROWN CARNATION PLANTS.

Plants now are in first class condition. We have no stem-rot.

Queen Louise, Prosperity, Buttercup, Bon Homme, Gov. Roosevelt, Goodenough, Irene, Norway, $7.00 per 100

Mrs. Bertram Lippincott, Marquis, Victor, Daybreak, Genevieve Lord, Eldorado, Portia, C. A. Dana, $5.00 per 100

J. L. DILLON, Bloomsburg, Pa.

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FIELD-GROWN

CARNATIONS

Fine, Strong, Healthy Plants.

	Per 100	Per 1000
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00
White Cloud	5.00	

PETER REINBERG

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

CARNATIONS

Elma, light pink	$8.00	per 100
America, red	6.00	"
Jubilee, scarlet	8.00	"
Mrs. Joost, pink	6.00	"

Cash with order.

Strong, healthy plants that have not been allowed to bloom.

BAUR & SMITH

35th St. and Senate Ave.,

INDIANAPOLIS, IND.

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CARNATIONS!

FIELD-GROWN.

F. Joost, Gov. Roosevelt, America, G. H. Crane, Marquis, Glacier, Melba, W. Cloud, E. Crocker, McGowan, Estelle, Mermaid, Norway, Prosperity, G. S. Bartlett.

1st size, extra strong	$4.00 per 100
2d size	2.00 "

Cash with order.

Would exchange for small Palms, Cyclamen, Primroses and Cinerarias.

JOS. HEINL, Jacksonville, Ill.

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Healthy Field-Grown

CARNATION PLANTS.

2500 Joost, $3.00 per 100; $25.00 per 1000.
200 Crane, $1.00 per 100.
500 at 1000 rate. Cash with order.

J. A. Budlong, Winnemac Station, Chicago, Ill.

Good Carnation Plants

200 F. Hill, extra strong, $5.00 per 100; 200 F. Hill, strong, $3.00 per 100; 1500 F. Hill, late planted, $2.25 per 100.

300 Scott, 1200 Mrs. Joost, 1100 E. Crocker, 250 John Young, 250 Mrs. J. Dean, $3.75 per 100. Reduction for 500 or more.

JOHN CURWEN, Glen Head, L. I., N.Y.

Murphy's White.

A Commercial White Carnation, vigorous and healthy grower, early, free and continuous bloomer. Stem and calyx its strongest points. A white flower and very fragrant. An enormous producer, both as a Summer and Winter bloomer. Price within reach of all.

Will be distributed beginning Jan. 15th, 1903. Facilities for rooting 300,000 cuttings. You will want it, so place your order at once. 100, $6.00; 1000, $50.00; 5,000, $45.00 per 1000; 10,000, $40.00 per 1000.

I am headquarters for ESTELLE Cuttings, $4.00 per 100; $30.00 per 1000.

Correspondence solicited.

WM. MURPHY,

Wholesale Carnation Grower. Station F, CINCINNATI, O.

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CARNATIONS

Strong, field-grown plants.

"Goodenough"

the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00	per 100
MACEO	5.00	"
SCOTT	5.00	"

Write for prices on large lots.

SIDNEY LITTLEFIELD,

NORTH ABINGTON, MASS.

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MARQUIS Carnations

2000 extra fine field-grown Marquis at $5.00

L. E. MARQUISEE, - Syracuse, N. Y.

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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

ALL THE BEST CARNATIONS

Orders Booked Now for Fall Delivery.

SEND FOR PRICES.

Rooted Cuttings and young plants all out.

GEO. HANCOCK & SON, Grand Haven, Mich.

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CARNATIONS.

Field-Grown, Strong, Healthy Plants.

	Per 100		Per 100
Gen Gomez	$5.00	Daybreak	$4.00
Frances Joost	5.00	Wm. Scott	4.00
Lizzie McGowan	4.00		

EXCELLENT PLANTS.

ISABELLA GREENHOUSES, Babylon, L. I. N.Y.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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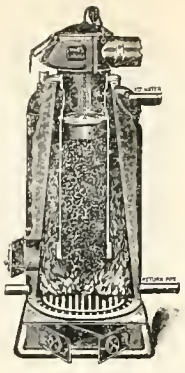

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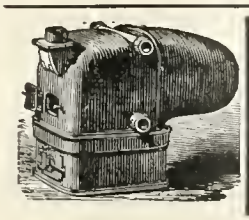

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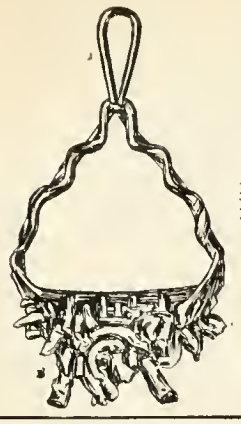

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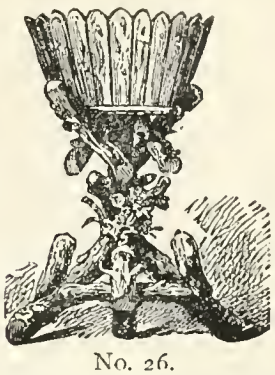

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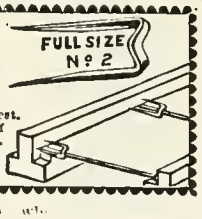

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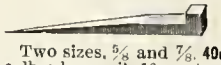

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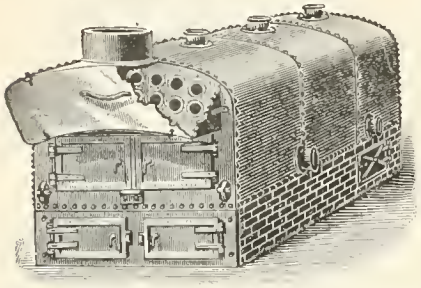

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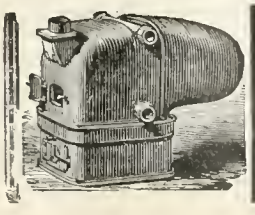

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M.
Jamaica Plain
261

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Vol. X. CHICAGO AND NEW YORK, OCTOBER 2, 1902. No. 253.

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Callas	1¼–1½-inch	$0.75 doz.	$ 5.00 100
	1½–1¾ "	1.00 "	7.00 "
They are	2 –2½ "	1.25 "	9.00 "
Fine Bulbs...	Mammoth	1.50 "	12.00 "

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Poinsettias.

This is about the last week that you can disturb the roots of poinsettias. No matter how carefully you may shift them, the roots will feel it and the leaves will drop. So give the plants that you want to flower singly in a 6-inch pot their last shift. Since we have been growing three plants in a 10-inch pot, or seven or eight late propagated plants in a 10 or 12-inch pan, the single stem in a 6-inch pot is not in much favor. We find use for all sizes and grow a good many in 4-inch pots, keeping them as dwarfed as possible. One of the most effective center pieces we ever put up was a mass of poinsettias. The table was round, twelve feet across, and the bed of poinsettias was six feet across, beginning with plants a foot high and coming down to plants not more than 6 or 8 inches high, with well berried holly to hide the pots. It was around Xmas time and Admiral Sampson was the guest of honor. It took several hundred plants, but they were little the worse and did service again.

To keep these poinsettias dwarfed is the principal object. Pot firmly in a heavy but rich soil and give them the lightest and brightest bench you have, with plenty of ventilation whenever weather will permit. They are a tropical plant, but 60 degrees at night is all they want. I am not sure whether I have ever mentioned what we have found out about keeping cut poinsettias from drooping or wilting their bracts and foliage. If cut with two feet of stem and put in cold water and in a cool room or cellar or ice box they soon have the appearance of a wet hen, only not so useful. Cut them over night and put the stems in water at a temperature of 150 degrees and keep in a warm room. They will stand up stiff, leaf and branch.

Cyclamen.

If you have grown your cyclamen in a frame or hotbed, it is time now to bring them in where they are more under your eye. We have some this year that are not prize plants because the seed was not sown until the end of January. We also have some earlier and larger ones, but I like the late sown batch because they are compact and perfectly healthy. They have never been out of the houses; were shaded when the sun was bright and the shade removed on dull days, and since they were in 2-inch pots they have always been plunged in tobacco stems. Greenfly is their great enemy. Don't let up on the tobacco, and if plunged in it it will save you lots of smoking. Syringe lightly every fine morning. Fifty-five at night is the temperature for those that you want in bloom by November and on to the holidays, but cyclamen will thrive in a much lower temperature if you want to retard them for late flowering. For filling the Christmas plant baskets we found last year that well flowered cyclamen in 4 and 5-inch pots was among the best material we had. Little, if any, shading is needed after this, and if in a north and south house, none.

Asparagus.

More and more are loose bunches of roses and chrysanthemums asked for, and some loose green to go with them is constantly wanted. Maidenhair fern, even the splendid fronds of Adiantum Bardii as grown by Peter Crowe is not large enough for all purposes, and for many occasions I don't know that it is any more suitable or pretty than Asparagus plumosus or Sprengeri. The former is grown in immense quantities for the long strings and you usually rob the bottom of the plant of the short growths. Sprengeri you should grow anywhere you have a corner to spare. What it wants is deep root room. In a shallow bench it soon gets exhausted. As fine and continuous a lot as I ever saw with sprays 3 feet long, and in the same place from October to July, was in boxes about 16 inches deep and 8 inches wide and 2 feet long. There was the depth that the roots wanted. These boxes were standing beneath the gutters in a range of rose houses. But that is not the only place you have. There are many odd places where a few boxes can be stood. It is depth and richness of soil that will pay. It is not too late yet to start such boxes. You want this useful plant every day in the year.

Sweet Alyssum.

Another very common little plant we often neglect to grow and miss it, is the double sweet alyssum. I see it advertised as the "Giant double." I don't know much about the giant part of it, but it is the double form you want, and if giant monstrosa, so much the better. It is of the greatest use in funeral designs, and there is something about it that is tasty and by no means gives a cheap appearance when associated with larger flowers. I would hardly say occupy a bench with it, as I have seen done, but a few hundred plants 2 or 3 feet apart along the edge of your carnation benches will do them no harm and the alyssum will be clear profit.

Ferns.

I suppose you have already laid in a good stock of young ferns for filling the pans this winter. There are plenty advertised now, but in the middle of winter they are often scarce and difficult to procure of the useful size. These young ferns of small varieties and species, such as onychium, Davallia stricta, Pteris cretica and others, should not be in a cool draughty house. Neither should they be in a very warm, damp house or they will grow too fast and become too tender, and you don't want that for fern pans. A fairly light house where the temperature ranges between 55 and 60 degrees at night is about right. And keep them in 2½, or at least 3-inch pots as long as you possibly can.

When Nephrolepis Piersoni gets spread over the country and can be sold at the same price as Bostoniensis, there will be nothing else grown, but that won't be this winter, and the Boston fern is still in the field. Any you have planted on the benches should be lifted and potted at once, so they will be established. Some growers don't plant them out at all. When first lifted they will want shade for two weeks, and after that no shade. The nephrolepis, or at least the Boston variety, needs no shade any day in the year. We have had large plants out of doors in the full sun all summer, and the young fronds are as green as spinach in April.

A very good house fern, hard to kill, is Cyrtomium falcatum, so called because the division of the frond resembles a falcon's beak. It is one of the best ferns.

Perhaps the best of all large decorative ferns is Cybotium Scheidei. It does not have the appearance of being a very tough, everyday fern, it is so graceful and even soft in appearance, yet it is the very best of all ferns to put up with unfavorable surroundings, and this makes it one of the best for decorating. We have tried it in a dry store near the floor and near the ceiling, and it thrives anywhere, and all should have it.

Don't forget to dust your violets once a week with tobacco dust. It will keep the black aphis away, and now is the time the black demon would like to work.

William Scott.

CORRECTION.

In Mr. Scott's notes on lilies on page 567 of our last issue the date for bringing in the Bermuda bulbs should have read 1st to middle of November instead of April. The error was probably apparent to all as in the next paragraph was mentioned the temperature to give them "till the first of February."

ROSES.

Care of Blooms After Cutting.

The first and most essential condition towards the successful preservation of cut blooms for shipment is to have a good cold store, one constructed on the best up-to-date plan, the qualities of which must combine dryness and airiness, and the chamber of which must be sufficiently isolated from the influence of outside atmospheric conditions. The idea of having such a chamber in a cellar or partly under ground is obsolete, or ought to be, as in such a structure the vitiated air being so much heavier than the pure, is always nearest the floor, and having no means of escape causes that damp mouldiness so detrimental to cut blooms.

The modern structure is built so that the floor is fifteen or twenty inches above the surrounding surface. The walls, which should be about ten feet to ceiling, are built with a view to being as non-conductive as is necessary. In the center of the walls is an air space of four inches between two boards one inch thick; these boards are paper covered, then on each side of this space is another space of four inches which can be filled in with either saw dust, dry coal ashes, charcoal or, what is still better, although it adds materially to the cost, asbestos wool. Both sides of the wall should be covered with paper and the inside finished with dressed sheathing, the outside with German siding. The ceiling should be constructed on the same principle as the walls.

Along the sides of the chamber and close to the floor holes one foot square should be made to allow the vitiated air to escape, and holes of the same size should be made near to the ceiling to admit fresh air. These holes should be about six feet apart and have close fitting doors on both outside and inside of the chamber, so they can be readily opened and closed.

At one end and near to the ceiling should be placed the filling door and made large enough to admit an ordinary block of ice. This door, and also the entrance door, should be built on the same isolating principle as the walls. From this door the rack to hold the ice should extend nearly the full length of the chamber, and should be made of 2x4 scantling, dressed, running lengthwise, with three-inch spaces between, and with a slight incline to facilitate filling.

A zinc lined drip pan should be placed some six inches below the rack and erected in such a way that it can be tipped over for a periodic cleaning. From the bottom of the drip pan a pipe should be run to a drain outside to carry off all the water, as the less water spilled in the chamber so much easier can the temperature be regulated. By keeping the ice near the ceiling the cold air descending from the ice gets qualified before coming in contact with the blooms. The floor should be of concrete, with a finish of pure cement, so that it will absorb as little moisture as possible.

With an intelligent night man the temperature of such a structure can be regulated with the nicety and precision of a greenhouse. To facilitate the sorting and to lessen the handling of the cut as much as possible, a box should be made of thin wood and of such a shape that the blooms can be placed in it so they can be readily lifted from it and put into water before the wound has had time to dry. I have recently had propounded to me several questions concerning the right temperature of the water to be used for this purpose. Before concluding this article I will give some rules for the guidance of those who have not themselves experimented along these lines.

The temperature of the sorting room should never be higher than the house the cut came from, in fact it is safer to have it a degree or two less. The blooms should be assorted according to size, quality, length of stem, etc., into specials, firsts, seconds and culls. These last comprise all small, short-stemmed and off color blooms which cannot be otherwise graded. The jars for holding the cut should be of stoneware and large enough to hold fifty blooms without crowding.

The temperature of the cold room should never be allowed to get lower than 48 degrees, ranging from that to 52 degrees, above which temperature they will soon go wrong. After being in storage for twenty-four hours the cut should be taken out, reassorted, have half an inch of the stem cut off to make a fresh wound so that they can again absorb a fresh supply, and have the water changed. In forty-eight hours they begin to enter on the salted stage, and the less of this kind of stock a grower handles so much the more satisfactory will it be both for himself and his customer.

Regarding the right temperature of water to be used for storage purposes. Care should be taken not to give the cut a sudden chill by putting them in water which is too cold, nor to raise their temperature with hot water previous to putting them in the cold room. A safe rule to go by is to strike a medium between the temperature of the house they were grown in and the temperature of the cold room. Thus, if the temperature of the house they were grown in is 56 degrees and that of the storeroom 50 degrees, the water should be 53 degrees. As water approaches its greatest density at about 41 degrees, it should never be used near or below that point for storing the cut from a greenhouse. These last remarks apply with even more force to carnation blooms, they being more sensitive to sudden changes than roses are, thousands being sent to sleep daily by inattention to these seemingly trivial matters. Ribes.

GRUB WORMS.

We have a house of roses that have been attacked by grub worms. The worms did not seem to do any harm till lately, when suddenly they began to cut off all the roots of the plants right near the stems, and as a result the plants so injured died. It is a trouble I have never seen or heard of before. There were a few worms in the soil when it was taken in. We picked out all we could see, but undoubtedly some escaped. We have often before seen them in the manure taken into the houses, but in previous seasons have never suffered any damage from them. Is there any way of getting rid of them? Can anything be done, or will they leave in time?

Also please state what causes club root. J. B.

I know of no sure way of destroying these grubs except by hunting for them in the soil. Keep a sharp eye on the plants and whenever you see the least sign of wilting in the young foliage, search around in the soil and you will invariably find the grub.

As these same grubs frequently come on the surface and eat the bark around the neck of the plant, it might be well to try a mixture of paris green and finely sifted bran scattered over the bench. It is harmless to plants and worth a trial.

Club root is caused by some insect attacking the roots, eel-worm being a very prolific source of this trouble. I have as yet learned of no remedy which will destroy the worms without also destroying the plants. They, like the grubs, are brought into the house with the soil.

Ribes.

CHRYSANTHEMUMS.

Early Flowers

are reported as coming into the market in several localities, but the price, 4 to 10 cents each, is nothing to boast of. The varieties that can be got in by this date are such kinds as Fitzwygram, Marquis de Montmort, and Madame Gastelier. Whether it pays to bother with them those who are at present shipping know best, but I could never see any money in September flowers myself, and have had sufficient flowers to ship in quantity by Sept. 1. This has been a great aster year, and a first-class aster is just as good as an early mum, often better in fact, so that under the circumstances the present low prices are inevitable.

The time to catch the market with your first flowers is just after a killing frost, when all the outside stock is wiped out. This is generally about the first or second week in October, and at that time the market is almost destitute, as indoor roses and carnations are not yet producing to any extent. I have seen good flowers of Merry Monarch bring $5 a dozen just at that time, and a week later when more varieties were available prices would be cut in two. It is simply a question of supply and demand, but from my own experience I would not recommend any one to look on very early flowers as a profitable crop.

Of course there are some other things to take into consideration beside the crop of mum flowers when figuring up the returns for bench space. If you clear out your benches early in October it gives room for storing many bedding plants that have been dragged in hurriedly and stuck everywhere when frost threatened, or carnations can be immediately planted in the vacant space. Every man is the best judge of his own market, and where one man would come out all right another would lose.

The later varieties are coming along in good shape, though the excessive rains of the past week are conducive to the rapid spread of leaf spot. Very many varieties are showing color, and now is the time to be absolutely certain that the plants are free from aphis. It is impossible to fumigate without injury when flowers are half developed. Mrs. Coombes is making enormous buds, and this, combined with a very free habit of growth, leads us to hope that a worthy rival of V.-Morel is at last in the field. Lady Harriet is coming along very rapidly and looks as though it would be in before Robinson. I have seen some wonderful buds well advanced on the new Adrian. How they will finish is yet a problem, since the introducers recommend terminal buds instead of crowns for this variety.

Crown buds on Eaton are already two inches across, with no sign yet of petals. Some record flowers may again be looked for. Overhead syringing must be stopped when buds swell out like this, or many of them will rot, owing to the water lodging in the center. Jeannie Falconer is another variety that one should be careful in syringing, as its large flat bud holds the water like a saucer.

Terminal buds on any variety are more pointed, and consequently the bud seldom rots in this manner. Merza is showing very fine buds, just beginning to color. It is a pity that this variety keeps so poorly after being cut, for it has a perfect finish. H. J. Jones has done specially well with several growers and this variety will probably make a sensation this year. When Childs and all the other reds are burning up with the sun, Jones will not lose a petal. I think it will become the standard red when better known.

The mum house just now is the Mecca to which the faithful turn. Nothing is so interesting as to watch the development of the flowers, wondering whether this bud was not taken too early, or why this variety is so slow this year. Some of our growers are kept too busy this year bending the stems in every direction to keep the flowers down from the glass to do much wondering. Some varieties have certainly gone "up in the air,"

The Larger Range of Glass of Poehlmann Bros. Co., Morton Grove, Ill.

owing, of course, to the cool, moist summer. Whether such long stems will produce as good flowers as usual remains to be seen. BRIAN BORU.

POEHLMANN BROS. CO.

We present in this issue a number of views of the establishment of Poehlmann Bros. Co. at Morton Grove, Ill., near Chicago. Though the establishment ranks among the largest producing cut flowers for the Chicago market, it has not before been illustrated. There are really two distinct ranges. The main range, shown in the largest picture, is within a stone's throw of the railway station; the smaller range is a few blocks away. A full line of cut flowers is grown—chrysanthemums, lilies and a general line of bulbous flowers being produced in addition to an immense quantity of roses and carnations.

The company is a corporation, but is entirely controlled by three brothers. John, the president, presides at the city salesroom, 35 Wabash avenue, Chicago; August, the secretary and treasurer, and Adolph H., the vice-president, superintend the growing at Morton Grove. All are young men, energetic and progressive, and are rapidly expanding their already large business.

Of late years they have branched out into the rooted cutting and plant business and have marketed surprising quantities. As can be seen by the pictures, their facilities for handling stock in a wholesale way are ample.

CARNATIONS.

Stem-Rot.

Can you give any information as to the cause and remedy of stem-rot in carnations? We had about 2,300 plants in field and lost about 100 from stem-rot in field and since planting in greenhouses have lost 200 more. Thinking it was entirely in own stock, we purchased some and they were soon affected in same manner. We have tried every known remedy and preventive, all to no avail. Have used a thick coating of wood ashes on part of our houses and lime on other parts and left parts of benches free from either lime or ashes. Then we worked trenches between rows and watered part of bench heavily and another part remained almost dry. We gave plenty of ventilation and it seems as though the healthiest looking plants succumb first.

Our plants were grown in sod soil out of doors which was very loose, almost a mold of rotted blue grass sod. This same kind of soil with manure was used in benches. Could the disease come from the soil or is it more likely that the disease was among rooted cuttings of carnations we bought in spring, and would the disease spread among other carnations which we had shipped in after same are planted in same house with those already affected with stem-rot? G. & S.

After reading your communication I am inclined to think that the bottom of the trouble lies in the soil. It very often happens that carnations planted in sod ground which is not thoroughly cultivated first will be affected with stem-rot. The fact that not only your own cuttings but those you bought were attacked with equal severity goes to show that it is not the stock. Of course it is possible that the disease was in both lots. There is another thing, however, that might be the cause of the trouble. Are the plants set in the soil deeper than they were in the field? This is about as often the cause of stem-rot among carnations as anything I know of. Examine your plants and if they seem to be set too deep scrape some soil off the benches.

You have done about all any one could do to check the disease, and I can only advise you to keep everlastingly at it. You cannot tell but what you have saved a good many more plants from being attacked. Be careful to keep the stems and foliage as dry as possible, but do not allow the roots to suffer for water; give plenty of ventilation day and night and when the weather is damp fire up and run a steam pipe to keep the air dry. If it is too warm raise the ventilators. In the evening of rainy days take your bellows and blow some Grape-dust or Fostite or mix sulphur and lime in equal portions and blow the air full of this to purify it.

If you plant other plants in place of those that have died out you should take out all the soil you can without injuring the plants next to the one that died and put in fresh soil to plant the new plant in. I would not advise G. & S. to mulch these carnations at least until next spring, but I would depend entirely on liquid manure for feeding this winter. I might also say right here that I believe the bottomless pots will help materially to keep down stem-rot, because they allow a free circulation of air and in case of an attack you can water only

The Smaller Range of Glass of Poehlmann Bros. Co., Morton Grove, Ill.

the soil on the benches and have the soil in the pots and the stems perfectly dry. We have found this out by personal experience and know it to be a fact. Outside of this we have never been able to find any advantage in the use of these bottomless pots.

A. F. J. Baur.

Twisted Growth on Joost.

What causes the twisted growth on Joost carnation? A good deal of the new growth comes curled or twisted, some of the flower buds being deformed. We have noticed it on Scott also. Both varieties are affected some in the field. A good many growers speak of the trouble. We notice that the plants grow out of it after getting established. Does any one know of a remedy or preventive? Several Inquirers.

I cannot say positively what might be the cause of your carnations coming with twisted growth in the field without having a specimen before me. The fact that it grows out of it in the house inclines me to believe that it is not caused by a disease, but rather by some insect or grub or the condition of the soil and weather. We have never been troubled in that way, and so I cannot speak from experience; but examine your plants and see if you cannot find something that is feeding on the sap of the young stems, or dig in the soil and look for grub worms. Too much manure and water and a very hot sun might also be the cause of it. A. F. J. Baur.

A House of Beauties at the Establishment of Poehlmann Bros. Co., Morton Grove, Ill.

Fairy-Ring.

Please tell me the best remedy for carnation rust. I have a bed of Mrs. Fisher for summer blooming that were the first to show the rust, and my winter carnation plants were grown close to them. The latter were housed August 25 and did not show any sign of rust until about a week ago. It has appeared on a few plants in different parts of the house, which contains 1,000 plants. I have commenced to use the solution of potassium sulphide you recommended for mums. Is that right, and if so, how often should I apply it?

Subscriber.

The disease that is affecting the carnations is not what is usually called rust, but is what we call Fairy-ring spot, and is caused by a fungus. He did quite right in spraying them with a solution of potassium sulphide or any other fungus destroyer. If it does not seem to check the disease he might try the copper solution. I would apply it about twice each week at first and if it seems to be checked after a few weeks I would continue to apply it once each week for a few weeks longer. Apply it to the whole batch of plants, as it will help to stop the disease from breaking out in new spots. Wherever he sees a diseased branch he should cut it off and burn it, as it will spread if left on the plants. Give all the air possible and keep the plants dry except when applying the fungicide, as like most all other fungus diseases it requires moisture to make it active. Pick all the open blooms before applying the fungicide, as it will discolor them. A. F. J. Baur.

Carnations in House with Roses.

Will it do to have carnations in the same house with roses? That is, will the sulphur on the pipes hurt the carnations? I have a bench 60 feet long and a rose bench same length, also a bench of same length containing miscellaneous pot plants. When I get my new house done will move the pot plants into it and put the present one all into carnations, roses, or both. M. W. B.

I would not advise you to plant roses and carnations in the same house, because either the one or the other will be sure to be a failure. The two require conditions so widely different that if you suit the one you injure the other. In the first place, your roses want 58 to 60 degrees, while your carnations want 50 to 55 degrees; 55 degrees will not be warm enough to grow roses profitably, while 58 degrees will cause your carnations to grow soft, with small blooms and weak stems. If you give enough ventilation to suit your carnations you will continually have your roses full of mildew, and if you keep the temperature high enough and moist enough for roses you will again have your carnations soft and worthless in general. The sulphur of which you seem afraid will not injure your carnations in the least.

It would pay you much better to plant your house with either the one or the other and then buy what blooms you need of the one you do not grow. If you have your new house finished in time you should of course plant your roses in the one house and the carnations in the other, or if your new house will not be finished for another month and you have the carnation plants on your hands, pot them in 4 or 5-inch pots and then plant them on the benches as soon as you get the house ready.

Judging by your letter, it would seem as though you haven't your roses planted yet. If you have not you would do far better to plant all your space in carnations. It is early enough yet to have fairly good success with carnations that are planted now or right soon, but you cannot have good success with roses that are planted in October. Next season I would advise you to arrange one house for roses and the other for carnations. You can grow much of your pot stuff in a carnation temperature, but some of your plants will want a rose temperature, and so you see you will be ahead all around. A. F. J. Baur.

Dry Stem-Rot.

I send some branches of Lawson carnation. Upon examining the stem you will find part of it dried up. This spreads and results in the decay of the whole branch. What is the origin of the trouble and how can it be prevented? The carnations were planted on the benches out of pots, but the decay is also to be found on plants grown in the field.

M. S.

The branches sent have not yet reached me, but from the description I can plainly see that the trouble is due to what we know as dry stem-rot. We have had an occasional plant attacked by this disease, but never enough to do any serious damage, and so we have never sought a remedy. When we see a plant affected with this disease we jerk it out at once and burn it, to avoid any chance of the disease spreading.

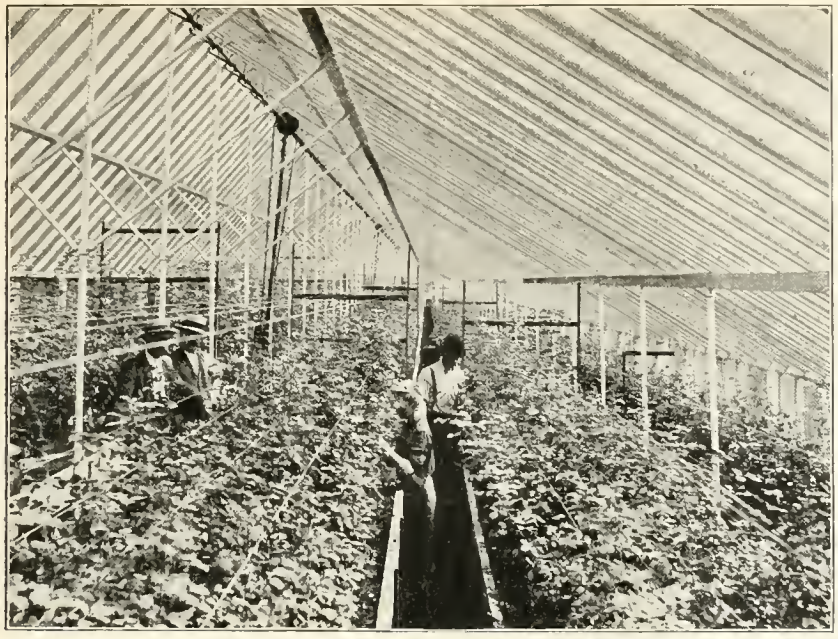
It is a fungous disease, and no doubt the copper solution or the potassium solution would help to check it. This disease is not caused by moisture, and so I don't think that dusting lime or sulphur or anything of that nature would help matters any. A few years ago we thought that by cutting away the diseased branch considerably below the affected part we could save the plant, but we found that in most cases the entire plant soon went, too.

A. F. J. Baur.

CARNATION NOTES—EAST.

Prevention of Disease.

In my notes last week reference was made to the use of Grape Dust. I wish to say further that this preparation is an excellent preventive of disease. Having seen it extensively used by rose grow-



House of Bridesmaids at the Establishment of Poehlmann Bros. Co., Morton Grove, Ill.

ers and in graperies, it occurred to me that it might be of benefit to the growing of carnations. After a trial on a small scale the result is that rust is absent except in two new varieties purchased last spring. Other ailments have also been less prevalent; in fact, our plants have improved from year to year.

I do not claim that this is altogether owing to the use of Grape Dust, but it has been an important factor in dispelling fungus disease and to my mind it has aided in stamping out rust. Apply at intervals of two or three weeks when the plants are dry, at the time of day when the houses are the warmest. If possible choose a bright day following one in which you have watered. By this means the preparation is allowed ample time to extend its influence before another watering.

A thorough spraying with Bordeaux mixture twice during October will greatly assist in keeping the foliage healthy, and as the leaves of a plant are its lungs, it is evident that this is an important operation. Use a spray pump arranged with a nozzle capable of making a fog enveloping the whole plant. As this is a liquid, apply early in the morning of a bright day, choosing a time as before mentioned regarding Grape Dust. Your judgment will tell you to plan the operations to occur by alternation.

It is a good plan to paint some of your pipe with a mixture of lime and sulphur as soon as firing is begun. You must decide as to the amount of surface to be covered, for when steam is used less will answer than when hot water is employed, the object being to diffuse a faint odor of sulphur through the house. Slake the lime in hot water, adding the sulphur as soon as violent boiling ceases; stir thoroughly until mixed and apply at once. We use one pound of sulphur to four gallons of wash, allowing the mixture when done to be somewhat thicker than ordinary whitewash.

See to it that the space under the benches are free from rubbish, such as decayed wood, dried leaves, broken pots, etc., which if allowed to remain are sure to harbor insect pests as well as become a breeding ground for fungous diseases. Give the ground under the benches a generous coat of air-slaked lime.

It is wrong conditions that produce all ills the human flesh is heir to and so it is with plants. People often say: "I don't have any luck with plants." Neither do successful carnation growers. The secret is their ability to produce proper conditions suitable to the growth of that particular plant, and when those conditions have been brought about it will not be a question of selling the product, but rather who will get it.

Pardon the slight digression, but I feel that prevention of disease is not practiced to the extent it should be, especially when our hybridizers are putting forth every effort at present to produce healthy, fine blooded stock, which of necessity must be kept healthy to remain in the class to which it belongs.

Not being a believer in the coddling of plants, or classing myself as a plant doctor, but preferring rather to associate with healthy life of either high or low order, prevention is everything.

Geo. S. Osborn.

CARNATION NOTES—WEST.

If you find any blooms that show signs of thrips in your carnation houses you should lose no time in getting after them in earnest. They can not stand the fumes of tobacco, but the regular fumigating once each week will not suffice to destroy them after they have a foothold and so you must get after them in a more effective manner. If you began fumigating regularly as soon as your plants had taken a good hold your houses will be tolerably free from these parasites, but so many growers don't see why they should fumigate their houses unless they can see a lot of greenfly all over the plants. Greenfly seldom seems to bother us until well along toward winter, but the destructive little thrips remain with us the year round and need attention at almost any time. You will readily see the results of his work by the white spots in your pink and red blooms and the brown spots in your white ones.

I do not know whether the various tobacco preparations will kill thrips or not, but I do know that the smoke from tobacco stems, or dust will do the work, and that a tablespoonful of cayenne pepper sprinkled over the tobacco will help to make it more effective. Pick all the blooms before you fumigate, and as soon as you are through give all the air you can so as to get rid of the smell as soon as possible. Carnations will take up the tobacco odor and hold it for a day or two and so you can not fumigate every day if you want to have salable blooms, but by picking the blooms just before you fumigate you can fumigate every other day. Keep it up until you are sure you are rid of the pest and then by fumigating regularly once each week you can keep your plants free from them.

A. F. J. Baur.

GENISTAS AND ADIANTUMS.

M. W. B. says his genistas are losing their foliage after turning yellow and that his "maidenhair" ferns are dying, and would like to know what he has or has not done. He says he has kept all his ferns wet and may have wet the foliage of the "maidenhairs."

Supposing the genistas to be canariensis or racemosus, they are an easy plant to grow. They do not make much growth in the hot months. Most of their growth is made in the early spring, fall and winter. Never plant them out. One-year-old plants we sometimes plunge in a frame during summer. Winter propagated plants we like to grow indoors during summer. In the hot weather they should be often syringed, for they are ever ready to be attacked by red spider, and this I think is the trouble with M. W. B.'s plants. When winter sets in they want a cool house; 45 degrees at night is about right.

It is quite difficult to say what is the matter with the "maidenhair" ferns. They should never want syringing; still, in warm weather an occasional syringing should do them little harm. They want a moderate amount of water, about as the great majority of plants do.

Slugs are their great enemy, and air-slaked quick lime dusted over the fronds and on the crown of the plants is the best and most effective remedy. With ordinary treatment the fronds of "maidenhair" ferns should not turn brown till they ripen with age, except from one cause, and that is tobacco smoke. It is just possible that M. W. B. has been fumigating the house containing the ferns. Great cure-all that tobacco smoke is, it very quickly browns and shrivels up adiantum fronds.

William Scott.

AILANTHUS GLANDULOSA.

I enclose sample of foliage and seed of a tree which I wish you would give the name of in the Review. Also the best way to grow it from seed. Is it a good tree for shade and as an ornamental tree for parks? Subscriber.

The tree is Ailanthus glandulosa (Desf.), called "Tree of Heaven," introduced some years ago from China. It is fairly hardy in this region though exceptionally severe winters in some places kill many of the older trees.

It is of rapid growth and fine appearance and does well in cities as an ornamental and shade tree, reaching 30 to 35 feet, with an open, airy head. Some of the trees bear seed and others have

only staminate flowers which are rather ill-smelling. The seed-bearing flowers are not so malodorous.

Ailanthus can be easily propagated by slips of the root. Nurserymen advertise to supply the female or seed-bearing tree for about one-fourth more than staminate or seedling kind. Ailanthus seems to grow readily from seed and is not select as to soil, doing well in almost any situation. In a light, humid soil and somewhat sheltered location it will make very rapid growth.

If intended for sale it would be advisable to propagate from roots of seed-producing trees for the reason given above, though the odor of the flowers does not cause any inconvenience in the parks of this city.

Chicago. John Higgins.

BULBS FOR WINDOW BOXES.

Please advise me what kind of early spring flowering bulbs will do best in window boxes, and whether the boxes can be left in the windows all winter. They are on west side of building, second story, and have no protection whatever. Party wants tulips, Dutch hyacinths, narcissus, etc. Southern Indiana.

I know of no early spring flowering bulbs that will be at all satisfactory under such conditions as the above. Freesias might do fairly well planted in the boxes, but if "Party" wants to have tulips, hyacinths and narcissus in February, March and April they must be given seven or eight weeks' time in which to root, either out of doors or in a cool, dark cellar.

We presume that Southern Indiana knows how to treat the bulbs for his own use, and he must persuade his customer to borrow a small corner out of doors somewhere in which to keep the boxes while the bulbs are forming roots. Without it the bulbs will send up small, premature flowers. They should not be brought into the room before the early part of February.

Any of the Dutch hyacinths will be satisfactory, so will the narcissus. The tulips should be the varieties that are often named in these pages as the best for forcing. If desired to have some tulips in the month of April, then several double varieties might be added. Murillo, La Candeur, Tournesol, Rex Rubrorum or any of the varieties sold as early double. Roman hyacinths, paper white narcissus, the polyanthus narcissus and the gay early little crocus will flower in the window providing there is a comfortable temperature and the bulbs are rooted before being brought in.

William Scott.

PALMS.

My palms are opening their leaves too near to the heart of the plant, and with little or no stem. What is the matter and what is the remedy?

How may plants in a greenhouse be watered without soiling the blooms and at the same time cleansing the foliage?

A. B. P.

Without knowing what species of palms are referred to, it is somewhat difficult to answer this query intelligently, but speaking in a general way such a condition is likely to arise from a check to the growth, and this may be due to starvation at the roots, either from the use of poor soil or from allowing the plants to remain in the same pots for too long a time. An insufficient supply of water during the summer may also cause this short-stemmed growth, and is in fact the cause of many failures in palm growing.

If the plants are very much rooted I should repot them as soon as possible, so that they may become established before winter sets in; keep them fairly moist, and place them in a house where a night temperature of 65 degrees is kept during the winter, this temperature being a suitable one for most of the palms in common use.

In regard to the watering of plants that are in bloom, it may be said that they cannot well be watered overhead to any great extent without more or less injury to the flowers, and unless one is expert in handling the hose it is the safest plan to do the watering of such plants with a watering can, the cleansing of the foliage being a part of the culture that should more properly be done before the flowers begin to open.

W. H. Taplin.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The November Show and Meeting in Chicago.

"When the hurly-burly's done, when the battle's fought and won," among our eastern growers in their several cities, there comes the great show in Chicago, November 11 to 15, and the convention of the C. S. A. The time is fast approaching and the moment is opportune for reminding all growers of this important occasion. There are now so many chrysanthemum shows held each year that our individual interest and support usually centers in the show of our own immediate locality, but a national importance attaches to the Chicago Horticultural Society's show this year. Chrysanthemum growers, therefore, throughout the country should make a united effort both by exhibiting and by their presence, first to make the largest and most complete exhibition of this flower we have ever seen, and next to swell the ranks of membership in the national society and launch it safely on a prolonged voyage, with every important city scheduled as a future port of call.

A great show in Chicago is already an assured fact, thanks to the comprehensive and liberal schedule drawn up and distributed several months ago. But outside of the actual competitive classes there are ways and means by which we may amplify the show and materially enhance its scope. If limitations of distance debar some of us in the east from entering in competition, we can at least contribute an exhibit, and small though it might be, the aggregate of a number of growers would be considerable. We want representation from every possible district. It is almost needless to point out what a golden opportunity is here presented for a great assemblage of new varieties present and prospective, and all who have them should make a timely note of the fact and endeavor to show them at Chicago.

Last, but by no means least, we want attendance from every section, and an early intimation of intention to attend, so that reduced rates of travel may be secured. An invitation has already been extended to the writer and will be tendered to the C. S. A. at the proper time and place for a chrysanthemum convention in an eastern city next year, but sufficient for the present is the coming convention, and it is "up to us" to make this new departure in the policy of the C. S. A. all that it should be. A successful November meeting is essential to the life of the C. S. A. in the future. Let us combine to make the first one it holds command attention and merit support hereafter.

A. Herrington,
Madison, N. J. President C. S. A.

PACKING AND SHIPPING LETTUCE.

Please advise in the columns of your valuable paper as to the best modern methods employed in packing and shipping lettuce to market. Market is within twenty miles of forcing houses. We wish to ship Grand Rapids and head lettuce. Plants are grown in benches and not in pots. No. 404.

The first thing for your correspondent to do is to hunt up his prospective agent and find out from him what style of box or barrel is generally used in shipping lettuce to that market. It is not a wise policy to ship in any different receptacle than the market is accustomed to handling. It may seem that anything would do to ship in as long as the goods were first class, but it is a fact that dealers greatly prefer to stick to what they are accustomed.

Boxes holding three or four dozen are used in Boston, while New York runs to barrels. The lettuce should be taken up with the roots left on but cleaned of soil. In packing a barrel, which is perhaps the most generally used for shipping, begin at one side and work around, laying the heads on their side and packing in layers. There is not much art in the operation. Simply fill up all the spaces and pack fairly tight without absolutely jamming and the lettuce will travel safely for a far greater distance than your correspondent has to ship.

C. H. Totty.

PHILADELPHIA.

The usual market report will be found adjacent to the cut flower quotations elsewhere in this issue.

The Flower Market.

The latest development in the plans for the new market is a very important one, and yet it was not a surprise. For while this piece of news is only just out officially, still it is known all over town, for everyone has been saying to everyone he meets: "Did you know Charlie Meehan is to be the market's manager?" and the answer is always something like this: "Oh, yes; so and so told me. He is just the right man to make it a go."

Charles E. Meehan is a young man who is admirably equipped for the responsible position he has accepted. He is the son of Joseph Meehan, whose wonderful knowledge of trees and shrubs has made him a recognized authority on arboriculture. His training has, however, always been that of a florist, rather than the nurseryman.

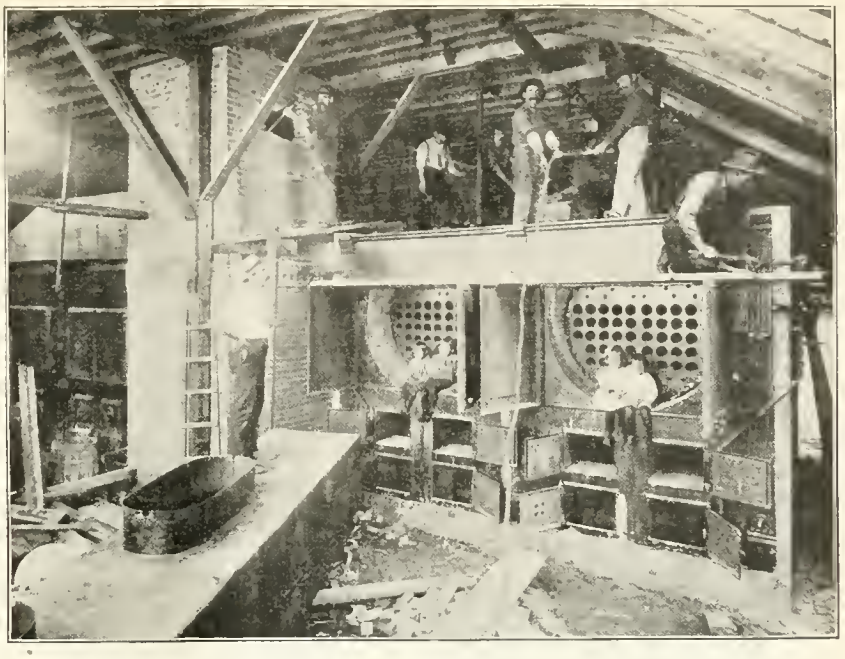
He worked for several years, as a boy, under the late Louis C. Baumann, the training school for many of our prominent florists of today, and also under the late David Cliffe. Mr. Meehan then became salesman for John Burton, and in this position he earned a reputation for integrity, ability and judgment that placed him in the front rank of rising young men in our business.

About twelve years ago Mr. Meehan started in business for himself, building two greenhouses at Slocum and Musgrove streets, Germantown. He was successful from the start, his roses doing phenomenally well the first year. He now has ten greenhouses, containing probably 25,000 feet of glass, devoted to roses and a variety of plants and flowers. Mr. Meehan has always sold his own flowers, believing this end of the business to be of the greatest importance. He is fortunate in having the aid of a good foreman, Joseph Slaughter, who with the aid of several capable young men, always keeps the place in good trim and full of thrifty stock.

Reply to a Critic.

"K.," in his Philadelphia letter to a contemporary weekly, which appeared Sept. 20, criticises the taste and want of judgment shown in the selection of a location for the flower market in this city. I am a great admirer of Mr. "K.," believing that his bright weekly letters have done much to cement the feeling of comradeship so strong among our florists. It will therefore be seen that it is in no unfriendly spirit that I answer his criticism. Two distinct committees went carefully over the entire field, seeing all the available buildings in the district which they considered sufficiently central. All the temporary directors, after going over the report of the second committee, agreed that the place selected was superior to any other. Despite this fact, they cheerfully went to see a place selected by Mr. "K." before finally committing themselves, but could see no reason for changing their minds.

With regard to the criticism that the place chosen should have been near Sixteenth and Chestnut streets, it must be remembered that the growers and the commission men do not require the same surroundings. The former want, first, to be within easy reach of both railroad terminals, and second, to be as near the local business center as possible—a little north of Market street—in order to attract the uptown buyers. The commission men, on the contrary, consider proximity to the offices of the express companies as of paramount importance. I do not believe that any of the growers, or of the uptown buyers, consider Sixteenth and Chestnut streets as a central location.



Installing a Pair of New Boilers at the Establishment of Poehlmann Bros. Co., Morton Grove, Ill.

Notes.

Bernheimer is getting some very good Queen of Edgely from the Floral Exchange place at Tullytown, also the Helen Gould, or Balduin rose. These, when good, bring 6 cents.

S. S. Pennock is handling a great quantity of dahlias. Last Saturday he sold more than two wagon loads. They came from Peacock, and are there growing by the acre.

The first chrysanthemums of the season were received from De Witt on September 24th by S. S. Pennock, and he had some from Weber & Sons a few days later. He reports the shipping end as keeping up very well, having had an order last week for 200 cattleyas and a quantity of valley. His first shipments of double violets came in on the 29th. The price asked was 50 cents per 100.

Charles H. Fox has closed his Atlantic City hotel for the season and is now at work at his Columbia avenue store painting and getting ready for winter. He says that he had a very prosperous season at the shore.

John Leach, who has been in the west for the past twelve years, has returned to this city. He says the people in the west are hustlers.

Charles H. Miller, the well known landscape engineer at Fairmount Park, in getting out of bed last week broke his hip. Mr. Miller has been in poor health for some time, but was recovering, and it is feared this will be a set-back.

George Faulkner, who has been with Joseph Kift & Son, will in a few days open a store at Fifteenth and Walnut streets.

Charles E. Meehan has withdrawn his interest from the Plender Co., and John C. Gracey will now be sole owner. A number of improvements have been made on this property, including a boiler which heats house, store and greenhouse. Mr. Gracey has also added a new member to his family, and the little lady is receiving bunches of flowers from her admirers already. PHIL.

Piping a Propagating House at the Establishment of Poehlmann Bros. Co., Morton Grove, Ill.

BOSTON.

New Co-Operative Markets.

This feature of floral troubles became even more distorted the past week by an organization being formed by dissatisfied stall-holders at the old market, and others, whose strongest movement was the occupancy of N. F. McCarthy's huge basement. His co-operation made this plan very belligerent indeed to the old market people, who had been simply winking and smiling, so when a committee of dissatisfaction waited upon them they came out much more in detail with their plans, and promised so many reforms for the future so far as space was concerned, that all movements are declared off until January 1st, but the organization is still held in force, perhaps

largely in order to co-operate in some other features of the business, like the coal situation, prices, etc.

Coal.

An observant friend criticises me for not mentioning this question, which is surely more burning than the real article itself just at present. I tell him knowledge of the critical danger is too well known to need further ventilation, and there is yet no knowledge of the remedy. A few growers are well supplied for the whole winter, many have enough for a few weeks, and altogether too many have none at all. It is time for thought and action of authority and not for theorizing.

The marriage of John P. A. Guerinean and Annie J. McGowan, both long time employes of Sehlegel & Fottler, celebrated a few days ago, would seem to prove that familiarity does not always breed contempt. J. S. Manter.

Otto G. Koenig, who has been indorsed by the St. Louis Florists' Club for Superintendent of Floriculture at the World's Fair in St. Louis.

OTTO G. KOENIG.

We present herewith a portrait of Mr. Otto G. Koenig, of St. Louis, whom the St. Louis Florists' Club has indorsed for the position of Superintendent of Floriculture at the Louisiana Purchase Exposition, to be held in St. Louis in 1904.

Mr. Koenig was born in St. Louis, September 12, 1871. After leaving school he worked himself up in his father's greenhouse establishment, as floriculture was his chosen profession, all the time attending night-school and college to render himself proficient in any branch of business. At the early age of nineteen years he went east, and without disclosing his identity sought a position at the bottom of the ladder with those he thought were the best growers in Philadelphia, and they certainly had a reputation those days. His experiences there are highly interesting. He always got along well, for the simple reason that he always worked with heart and soul. His ambition was to learn all that there was to learn for his own benefit, which invariably proves to be the employer's benefit. On one occasion, when he was refused employment by a firm where he wished to get some pointers, he went to work for his board, and by the end of the second month he gained the proprietor's confidence to such an extent that he was promoted to assistant foreman, and was asked if there were any more young men in St. Louis that wanted work.

After several years of apprenticeship in this manner he became an active factor in his father's business and is today secretary and treasurer of the Koenig Floral Company. Since he has occupied this position he has wonderfully elevated the condition of the business of the firm, which is greatly due to his love for order and a desire to have everything in the best condition, as well as to his general knowledge pertaining to everything in floriculture. He is very energetic as well as agreeable and intelligent and is liked best by those who have known him longest. He is a Knight Templar and a thirty-second degree Mason, but he keeps out of politics.

Should he receive the appointment of Superintendent of Floriculture at the Exposition his many friends in the trade are certain he would leave no stone unturned to make the department adequately representative of the great progress that has been made in floriculture and a credit to the profession.

J. J. B.

ST. LOUIS.

The Retail Trade.

The retail trade is steadily increasing each day. Fair counter trade is reported, and there is a great deal of funeral work. On Tuesday last the South St. Louis florists had all they could do in making up designs of all kinds for the funeral of ex-Mayor Ziegenhein. The arrival of Miss Helen Gould, of New York, who is here to organize the Board of Lady Managers for the World's Fair, used up quite a lot of Beauties Tuesday.

Chrysanthemums are beginning to show up in the windows, but are yet small. A few violets can be seen, but are pale and very small. Asters, which made the bulk of the show in our windows, are about over and only very few can be seen. Carnations have had a good call all week and the store men report good sales on them. In roses their stock is made up of Brides, Maids, Meteors, Gates, Carnots, Perles and Beauties. Of these, Beauties had the best call, with Meteors, Brides and Maids next in order. Valley is not carried in stock much, as the sales are slow on it. In greens, smilax and asparagus have been used a great deal the past week.

Notes.

Ostertag Brothers were somewhat disappointed at the failure of President Roosevelt to come to St. Louis, as they were to furnish the decorations, but will make up for it tomorrow (Tuesday), as they will furnish the decorations for the Helen Gould reception at the Southern hotel.

Walter Sanders, son of C. C. Sanders, left Sunday night for New York City to take a position with J. H. Small & Sons, of that city, for some months to learn the ways of the floral business in a large city. The best wishes of the local trade go with him. He hopes that our friend Austin Shaw will look after him occasionally.

Louis Eberenz, a florist living at Webster Groves, was sent to jail for refusing to pay tax on his dog. John Connon, a brother florist, came to his rescue, went on his bond and he was released.

Mr. Ayers, superintendent of floriculture at the fair grounds, reports a number of entries for his floral exhibition, which takes place next week at the St. Louis Fair.

John Zeck, of Chicago, representing J. A. Budlong, is in town looking up his old friends and trade at the same time.

Base Ball.

The Berning Base Ball team is now the undisputed champion among the florists, having defeated the Tessons two out of three games played. Will Sanders, manager of the Bernings, says they are open to play any florist team in the country, Chicago preferred.

Bowling.

The Florists' Bowling Club will hereafter bowl every Monday night at the new Monarch alleys, at Twentieth and Locust. The club will be composed of those who did not join the city tenpin league, which is composed of Weber, Young, Miller, Sanders, Ellis, Adels and Tesson. At the close of the season the league bowlers will join them and make up a team to bowl at Milwaukee next August. As the old saying is "Practice makes perfect," we will wait and see.

Arthur Ellison met Harry Steers, the bowling champion of Chicago, Monday afternoon in a match game. The scores were as follows:

	1.	2.	3.	Tot.	Av.
Harry Steers	214	194	159	567	189
Arthur Ellison	178	208	145	531	177

J. J. B.

Franciscea Calycina.

FRANCISCEA CALYCINA.

We present herewith an engraving from a photograph of a plant of Franciscea calycina, which is said to have shown great adaptability as a house plant. It is a native of Brazil. The foliage is thick and glossy and the flowers a pretty shade of blue, each branch bearing from five to nine buds. The plant illustrated had been in full bloom for two months before being photographed.

The older plants, when apparently through blooming, may be again brought into bloom by cutting them back and inducing fresh growth. The culture of this plant is not difficult. Good leaf mould serves best for soil and the plants like a shady situation. They winter best in a light cold house until they begin to set buds in the spring, at which time they should be freely syringed.

Propagation is not so easily accomplished, but cuttings root very well if the wood is selected from the plants in the right condition through the season of growth.

BUFFALO.

A wet week has been very welcome, as after the deluge of spring and summer a month's dry weather baked things up rather hard.

Business is showing signs of an awakening. A great number of the leading stores have had their "opening," and all have called more or less for the florist's art and articles. September has been very prolific of the events when men and women have been and gone and done it for better or worse, and the crop of weddings for October is advertised as very large—none yet of any great magnitude, but little fish are sweet, so perch fishers say, and I hope these happy events will do every one of us good. As the cool winds of autumn come and the red and golden leaf of the maple flutters to the ground, there is another crop of events, sad where the visitation comes, yet as natural as birth, and which greatly helps the florists' trade, and, as undertakers flippantly remark, "September is a good month."

The new crop of carnations is coming in and Lawson is the best at this date. I hope carnations will keep up as good a price as they did last year. The chief flower in making the florist's window gay of late has been the gladiolus, and none of the innumerable varieties is handsomer than the beautiful Rochester variety, "1900." Where a pale color is wanted of course it wouldn't do, but for its brilliant red and white throat it beats them all. Like many, or most other of our florists' flowers, how few varieties are wanted. Half a dozen varieties would very adequately fill the bill, as they do with roses, carnations and mums. Asters have been very fine this summer and I don't know what we should have done without them. They have been in constant demand for all occasions. Good roses are yet scarce, except very fine varieties. Mums we have not yet seen in color.

Sorry I can't give you more personal notes. Am still in the backwoods and shall have a rare batch of "Florist Society Notes" when I emerge. There have been no births, marriages or deaths within the craft, or we should have heard of them.

Mr. M. Bloy has returned to Buffalo after helping Mr. Neubeck at Corfu for a month.

Mr. John Hetherington has left the employment of W. Scott and has returned to Mr. H. Michel, of St. Louis.

Mr. Kasting got back from Europe some three weeks ago. We heard him but have not seen him. From the voice over the telephone we should say he has spent much of his time in the environment of "Hold Lunnen," as his salutation was, "'Ow are ye, old boy? Awfully glad to hear yer old familiar."

Of our dear friends, the commercial travelers, alias drummers, have neither seen nor heard for a long time. The breed is not extinct, we feel sure, and to make amends for their present scarcity they will come down on us later, as the locusts invaded Egypt. I notice by the very interesting New York letters of Mr. J. A. Shaw that one of the very brightest and brainiest men on the road has hung out his own shingle, as the M. D.'s say. Mr. McHutchison, the much traveled Australian, is bound to thrive anywhere, and if he would take along with him on his initial trip a live specimen of his native Platibus paradoxa, his solicitation for a trial order would be irresistible. W. S.

CINCINNATI.

Various Items.

Notwithstanding the bad weather, which usually puts somewhat of a dampener on business, there is no complaint to be heard from this city.

The Fall Festival, which lasted two weeks, undoubtedly helped the florists' trade, as enormous quantities of cut flowers were used on many occasions. There are very few things that will draw as large a crowd as a well-conducted and advertised flower show. This has been demonstrated many times, and perhaps never more vividly than at the floral contest held in Music Hall last Saturday.

Three prizes were offered for the best lodge emblems made of flowers. These prizes were to be competed for by the lodges themselves, each lodge entering with its own emblem done in natural flowers. The show was a great success and brought out some of the finest floral work ever seen in this city. Each design was a masterpiece and reflected great credit upon its maker.

There were fifteen designs entered, which were made by the following florists: B. P. Critchell, Hoffmeister Floral Co., Walnut Hills Floral Bazaar, T. W. Hardesty, J. Baer, H. D. Edwards, two pieces; Otto Walke, H. Glins, F. Ball, R. A. Betz, two pieces; A. Sunderbruch's Sons, two pieces; J. A. Peterson.

The first prize was won by the Scottish Rite, design being an altar with open bible on top, made by B. P. Critchell. The second prize went to the Blue Lodge. It was a jewel case with lid half open disclosing the Blue Lodge emblem within, made by T. W. Hardesty. The third prize was a large eagle, the emblem of the order of Eagles, and was made by R. A. Betz. There was not a poor piece in the lot, and the judges, who were H. M. Altick of Dayton, Ohio, John Bertermann of Indianapolis, Ind., and C. A. Rieman of Louisville, Ky., had great difficulty in making their decisions.

A few blooms of the carnation Enchantress were received by E. G. Gillett, but owing to having been received a day late, they were hardly in a condition to be criticized. For this time of the year they had a very good stem and the flowers were of first-class size. Looks to be a very good grower.

The W. F. Therkildson Co., of Ironton, Ohio, has bought out the florist business of Mrs. E. Miller, at same place. It will continue the business, adding largely to the area of glass.

Mr. Herbert Heller, of the South Park Floral Co., New Castle, Ind., is here

spending his vacation. He brought with him a new rose, called No. 444, at present, of which he thinks a great deal. The color is light yellow at edge of petals, shading to orange at center, has a very good stem and looks to be a great producer. Mr. Heller says that all the large plants about New Castle are in fine shape, and from present indications there will be great quantities of A1 stock cut there this winter.

Other visitors were: Mrs. J. F. Young and daughter, and H. M. Altick of Dayton, Ohio; Mr. Washburn, of Bassett & Washburn, Chicago; John Bertermann of Indianapolis, Ind.; C. A. Rieman, Louisville, Ky. C. J. Ohmer.

NEW YORK.

Few of the retail florists have yet been seen at the weekly auctions. Doubtless a little later the regular auction buyers will be seen, and yesterday several of the critical buyers of decorative plants were on hand at the disposal of the large specimens in the Bottomley shipment from Asheville.

The Bloomingdale Conservatories are being enlarged this fall and the usual fine display of good stock at good prices is already in evidence. Mr. Burnham's management has been a success from the start and his sustaining of prices has commended him to his brethren in the regular retail stores.

Hicks & Crawbuck, of Brooklyn, have opened their New York store at 45 W. Twenty-ninth street, directly opposite Saltford's. Mr. Hicks is presiding on the New York side and has a very neat and attractive place, with good prospects of securing his share of the trade.

All the seed and bulb men have been exceedingly busy during the past week. Shipments are enormous this year and stock never better.

Clucas & Boddington were crowded with stock, even with the added facilities of the new store, and evidently when I called it was "their busy day." We shall have something to say later of their acres of cannas.

The "wholesale cut flower district," which includes Twenty-sixth to Thirtieth streets, was the center of excitement on Saturday, when on Twenty-ninth street, close to several of the florists' establishments, occurred one of the most terrible murders ever known in the country.

The Brooklyn Horticultural Society will meet the third Monday in October. In behalf of the carnation convention in February already a very large sum of money has been subscribed and great preparations for a "banner gathering" are under way. An attendance of at least 300 is expected outside of New York, and it is not generally known that on Long Island alone there are 486 florists in business, every one of whom ought to take an interest.

The Assembly rooms of the Academy of Music will be a grand place for the meeting, and the Union League Club—the largest in the city—will be none too large for the banquet.

The venerable Jas. Mallon, when I called, was superintending the improvements at his headquarters on South street and is looking remarkably well.

Langjahr has about decided to give all his spare time to the interests of the carnation convention and to postpone the opening of a New York wholesale branch until the fall of 1903.

C. H. Joosten is back from the Shawangunk Mountains of Ulster County, the better for his two weeks' fresh air and freedom. His Dutch Romans are going fast, and he considers them better than the French stock, when the higher prices for the latter are taken into account. His American grown, own root rose stock is exceptionally good this year.

H. H. Berger & Co. report a large shortage in Chinese narcissus, only about 30 per cent of orders having been delivered to the importers owing to the cold and drouth in the "far East."

The anniversary services of the Stumpp & Walter Co. are in progress today and congratulations from all sides are numerous and hearty.

"Charlie Arick," as everybody knew him, who 27 years ago commenced his work with Siebrecht & Son, and who later has been with Wadley & Smythe, died of pneumonia, Saturday, September 20, leaving a widow and daughter. He was popular and a good artist. Quite a number of the craft were at his funeral, which was in charge of the Masonic order, and several handsome floral pieces were sent by his old employers and his friends.

Alex. McConnell this week made a very beautiful decoration at the funeral of Mr. Berkmans, of the Tiffany Co., the casket being banked with vases of American Beauties, Kaiserins and other roses, white chrysanthemums, lily of the valley and smilax, nearly fifty vases being used in producing the effect, and over 1,000 of the finest roses; twenty strings of smilax and a pall of cattleyas that was especially beautiful. For several days this decoration was continued.

Mr. McConnell's work at Lakefield seems to be interminable. His plantings of hardy stock on the Gould place have been enormous during the past year.

The exhibition of the New York Horticultural Society at the American Institute last week was one of the best of recent years. The exhibits were far in excess of the room provided, and many were obliged to use the gallery and adjacent rooms to compete at all. The attendance was only fair, but the rainy weather was a sufficient reason for apparent want of appreciation.

Ellwanger & Barry, of Rochester, were represented by Mr. William Barry, and their show of varieties of fruit was very large as usual. Frank Weinberg, of Woodside, had a creditable display of cacti, 150 varieties, among them several new ones. The new dwarf begonia of the Vernon type, which he has named "Gertrudiana," and which is in color very like La Reine, but with a much smaller flower, was much admired.

Wm. Slack, gardener for Mrs. Hoyt, of Stamford, had some grand bunches of foreign grapes, as fine as any ever exhibited. White & Rice, of Yorktown, had also an excellent fruit exhibit of about everything in their line. Siebrecht & Son displayed fine staghorn ferns and many palms donated for decorative purposes.

Lager & Hurrell, as is their custom, staged a fine assortment of orchids, among them the "Dove" or "Holy Ghost" orchid, Cattleya Hardyana, C. chrysotoxa, C. Harrisonæ, C. Bowringiana, Rodriguezia secunda and Zygopetalum Gautierii. James Dowlan, of Seabright, had a fine bank of foliage plants, and any quantity of fruit, on which he captured a good share of the prizes offered.

The Central part of the hall was devoted to an exhibition by the Manhattan State Hospital for the Insane, the entire exhibit being the work of the insane patients. Wm. Thompson is the gardener of the institution and will be remembered by many in Chicago, where at the World's Fair and at private places he spent five years before coming east. The display he made included about everything in fruit and vegetables Long Island can produce, including peanuts, "strawberry tomatoes" and a 140-pound pumpkin, which brought back memories of "pies like mother used to make."

Geo. H. Hale, gardener for E. D. Adams, of Seabright, had an ornamental group that was very creditable, and among his novelties a green rose that everybody wanted to see. Julius Roehrs took first prize for his bank of foliage plants, a most artistic group, added to in effect by the use of Cattleya labiata, Vanda caerulea, Oncidiums tigrinum and ornithorhynchum, and many fine Oncidium varicosum.

In addition to those before mentioned, Lager & Hurrell had fine plants of Odontoglossom grande, Cattleya Forbesii, Miltonia candida, Oncidium ornithorhynchum, Brassavola fragrans and Laelia Dayana. W. A. Manda showed some fine specimens in pots of his new golden privet.

The dahlia exhibit was a grand one. Geo. Hale's Salmon Queen was a special favorite. Other exhibitors were Rowehl & Granz, Hicksville, L. I.; Theo. Havemeyer, Hempstead, L. I.; W. H. Waite, Yonkers; L. A. Martin, Greenwich, Conn.; C. W. Bolton, Pelham, N. Y.; J. C. Sorenson, Stamford, Conn.; Geo. Burchett, Montclair, N. J.; W. P. Lothrop, East Bridgewater, Mass.; H. F. Burt, Taunton, Mass.; E. S. Miller, Wading River, L. I.; Jas. Allen, Tuxedo Park; Geo. H. Hale, Seabright; W. L. Bell, Sparkill, N. Y.; H. McCarron, Seabright; S. Clifton Bell, Sparkill, N. Y.; P. Sayre, Irvington; Alex. Mann, Oakdale, L. I.; E. F. Bourne, Oakdale, L. I., and W. Van Fleet, Little Silver, N. J. It would take much time and space to do all the exhibitors justice. The whole was worthy of unstinted commendation.

At this writing the absorbing topic is the coal supply and the serious outlook for all, not only those with small plants and limited means, but the great growers, whose cellars are empty and who cannot maintain their establishments without hundreds of tons of the "black diamonds" in some cases.

Walter Sheridan's reputation for "Beauties" does not diminish. On Saturday last his counters were loaded with the finest stock I have seen this season. All that is needed now is a reasonable demand for the goods.

Ghormley's store is all ready for a big season's business, enlarged, painted, facilities unequalled, new and unique signs, stock of first quality. Everything betokens enterprise and expectation.

John Young's big store looks bright and hopeful in its new dress and here may always be found the best of everything and the earliest novelties. The outlook here, and with all the wholesalers, is hopeful, and with the fuel question solved, the "opening of the season" will be all that is anticipated.

John J. Perkins, of West Thirtieth street, is handling some extra fine Brides and Maids. His experience dates back to 1872, when the cut flower business was in its infancy, and his reminiscences are decidedly interesting.

Mr. Donker, the naturalist, has made several of the Bon-Ton florist store windows attractive with exhibits of his

aquariums filled with Japanese finny beauties and "self-sustaining" through the ageney of the aquatic plants he uses. His headquarters are at Clarke's Sons' new store on the boulevard, where a whole window is devoted to this decoration.

W. P. Peacock, the dahlia expert, found a lack of room for his exhibit at the Institute last week, and Thorley's Broadway window received the benefit of as pretty a dahlia show as has been seen for many a day. The display was brilliant, most artistically arranged and attracted a great deal of favorable attention.

Bowling.

The preliminary meeting of the New York Florists' Bowling Club was held Monday evening and was fairly well attended. Mr. Burns cheered the boys with the good news of his wife's improvement in health. Capt. Lang does not seem at all cast down by the accidental defeat at Asheville, and will have a championship team at Milwaukee. Mr. Traendly was in excellent voice and "made the welkin ring" as usual. Grandpa Lorentz and Papa Zeller would make a good team. President Sheridan shows remnants of old time skill.

Following are the scores made Monday night:

Traendly	129	103
Lang	131	148
Lorenz	121	97
Sheridan	106	119
Burns	142	139
Stewart	133	111

J. Austin Shaw.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Carton Hot Water Boiler No. 8, series A, patented 1895, 8 sections. Grate surface 17½ x 42 inches, capable of heating 5000 ft. of glass. All fittings complete, together with expansion tank. Price, $95.00, f. o. b. Used one season, practically as good as new. Reason for selling, death of owner and dissolution of business. Mrs. W. C. Phillips, Billerica, Mass.

WANTED—All-around florist to take charge of 6000 ft. of glass. Answer with reference, description, and wages expected with board, room and washing. Address J. C. Steinhauser, Pittsburg, Kans.

WANTED—Good florist on small place; will give $30 to right man with board and room, etc. Address Florist, care Florists' Review.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter. Rochester, N. Y.

WANTED—Man for greenhouse work, strictly temperate, reliable and not afraid of work, must be a good propagator of plants; able to grow carnations and roses. State wages wanted with or without board. Murphysboro Greenhouses, Murphysboro, Ill.

WANTED—A good man for store work and delivery. Mrs. Geo. Anderson, 14 Colorado Ave., Chicago.

WANTED—A night fireman—hot water. One that is used to greenhouse work. Must be sober and thoroughly reliable. S. Murray, 1017 Broadway, Kansas City, Mo.

FOR SALE—Ninety hotbed sash, in good condition except putty. Contain four rows of 10 x 12-inch A glass put in the 10-inch way. 45 sash 4 ft. 9 in. long, $1.40 each; 45 sash 6 ft. long, $1.60 each. Cash. J. A. Ernsberger, Decatur, Ind.

WANTED—TO BUY—In Northern Indiana or Southern Michigan, an established florists' business with about 5000 ft. of glass. Don't write if your place is a ruin or you are being run out with competition. Address Business, care Florists' Review.

FOR SALE—One Hitchings boiler, No. 19, in perfect condition. Price $125.00, f. o. b. William Lee & Son, Bedford, Ohio.

SITUATION WANTED—By an all-around gardener; eleven years' experience in park and greenhouse work; single and a good worker. Address F. G., care Florists' Review.

WANTED—By November 10th, position as head gardener on private place or public institution in California, Oregon or Washington, by young man, age 25. A-1 grower of roses, chrysanthemums, carnations and general stock; with a thorough knowledge of lawn work. At present hold position as florist at one of the leading institutions of the Middle West. Address Indiana, care Florists' Review.

WANTED—Three or four young men as helpers in our rose and smilax house. Apply to Bassett & Washburn, Hinsdale, Ill.

WANTED—Address of Arthur L. Hilton, formerly of Setauket, N. Y. Address P. H. A., care Florists' Review.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Good retail trade. Address S. S., care Florists' Review.

FOR SALE—2000 feet 6-inch wrought iron pipe; has never been used for water or steam; suitable for piping greenhouses. Will be sold at a bargain. Edwin S. Hartwell Lumber Co., 1324 Elston Avenue, Chicago, Ill.

WANTED—A medium-size, second-hand, florists' refrigerator; must be in good condition. Address O. A. C., care Forists' Review.

WANTED—Experienced mushroom grower to grow on shares. Ludwig Mosbæk, 85th street, near South Chicago Ave., Chicago, Ill.

WANTED—Man with experience to grow cut flowers and plants. State age, experience, nationality. Must be sober and industrious. Wages $40.00 per month. Send references. S. M. Harbison' Danville, Ky.

WANTED—An all-around florist for general greenhouse work. State wages expected with board and room. O. R. Demmler, Eau Claire, Wis.

WANTED—Three boys 17 to 18 years of age to learn the business. Also one good carnation and mum grower. Apply at or write to Greenhouses, Morton Grove, Ill. Poehlmann Bros. Company.

FOR SALE—One No. 9 Invincible Scollay hot water boiler; been in use two winters. Estimated heating capacity 2250 ft. 4-in. pipe. $160.00 cash. Cost $280.00. Deer Hill Conservatories, Danbury, Conn.

WANTED—A man to work in greenhouses; one who has had some experience and is industrious and strictly temperate, and not a cigarette fiend; will give $25 per month with board and room; should prefer a Swede or American. W. J. Hesser, Plattsmouth, Neb.

FOR SALE—One-quarter acre lot, 7 room dwelling house, grocery and 4 greenhouses and stock, stable, etc., cheap. Near Springfield, Ohio. For further information write Elmer Marsh, Vienna Crossroads, Ohio.

SITUATION WANTED—West preferred, by man of superior abilities, as grower and manager on large establishment where high-grade stuff is a specialty. Proficient in mums, roses, carnations, orchids, palms, fruit under glass and general stock. Experienced in stock, tillage, truck farming, etc. Only position that offers profitable employment to the most advanced man of the day will be considered. J. Cantwell, Box 321, Glen Cove, N. Y.

MUST SELL—First class establishment; central Indiana; city of 12,000; three houses well stocked with mums, roses, carnations, palms, ferns, etc. No competition. Price will surprise you. Address Cash, care Florists' Review.

FOR SALE—Anyone wishing to purchase a floral establishment at his own cash price can learn particulars by addressing Auction, care Florists' Review.

FOR SALE—Horizontal tubular boiler 48x15 with plu hat dome and with thirty-nine 3½-inch flues; very suitable for heating hothouses. Apply to Wisconsin Box Co., Wausau, Wis.

FOR SALE—Seven acres of land; greenhouses, over 6000 feet under glass; good location; good 7-room dwelling house; No. 1 flowing well; good business; retiring from business on account of failing health. For particulars address T. Kloss, St. Peter, Minn.

FOR SALE—One flat boiler, in good condition, 3½ inches high, 3x8 feet; has heated one rose house 24x90 feet; one flow and two returns for 4-inch pipe; price $15.00. Delivered on car in St. Paul. Henry Krinke, 43 West Jessamine Street, St. Paul, Minn.

FOR SALE OR LEASE.

GREENHOUSE PLANT.
(10,000 sq. ft. Glass.)

Seven greenhouses, nearly new, well built brick walls, hot water heat, good location in city of 60,000 inhabitants on Lake Erie. Very little capital required. Would sell half interest. Address **Penna, care Florists' Review.**

NOTICE OF RECEIVER'S SALE.

John G. Sippel vs. Ernest W. Marland. } No. 15510 Madison Circuit Court.

NOTICE is hereby given that the undersigned, William F. Moreland, Receiver in the above entitled cause, will offer for sale at public auction at the Alexandria Greenhouse at No.——North Canal Street, in the City of Alexandria, Madison County, State of Indiana, on

MONDAY, OCTOBER 6, 1902,

the lease held by the Alexandria Greenhouse on the premises where the same is situated, and the buildings and all bulbs, flowers and plants and all other things pertaining to and belonging to the said Alexandria Greenhouse, free of all incumbrance. Said sale to begin at ten o'clock a. m. Terms cash.

WILLIAM F. MORELAND, Receiver.
Dated this 11th day of September, 1902.
Crouse & Jones, Atty's for Receiver.

WANTED.

A large quantity of American Elms—3½-inch caliper—straight, clean, and well balanced heads. Send particulars as quickly as possible, with prices, to

C. G., 14th Floor,
St. James Building, **New York City.**

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; terms reasonable; best of reasons. Correspond with

ROBERT F. TESSON, Trustee,
4248 Olive Street, ST. LOUIS, MO.

Cyclamen Giganteum or Persicum.

Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00; 4-in., $10.00 100. **Cinerarias,** 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. **Primulas**—Chinese—3-in., $3.00; 3¼-in., $5.00 100; Obconica—2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100, 200 for $5.00; 3½-in., ready for 5-in., $5.00 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100. **Umbrella Plants,** from flats, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N. Y.**

Mention The Review when you write.

RETURN YOUR EXHAUST STEAM WITH

PRATT & CADY'S AUTOMATIC TRAP.

I have three second-hand traps in first-class condition **FOR SALE CHEAP.** Also two 75 horse-power steam boilers and one Furman, No. 11, steam. One small Scollay boiler, No. 4, in good condition.

ALL AT A BARGAIN.

A. N. PIERSON, Cromwell, Conn.

Mention The Review when you write.

LEO NIESSEN,
VALLEY, BEAUTIES.

N. W. Cor. 13th and Filbert Streets,

PHILADELPHIA, PA.

Store open from 7 a. m. to 8 p. m. until further notice.

Mention The Review when you write.

FRESH MUSHROOM SPAWN.

OUR CELEBRATED **ENGLISH MILLTRACK** (made by the best maker in England especially for our trade) has earned an enviable reputation among critical growers for its uniform good quality and can be thoroughly relied on to produce a good crop of the best Mushrooms. Per brick (about 1¼ lbs.), 15c; postpaid, 25c. 10 lbs., 80c; 25 lbs, $1.50; 100 lbs., $6.00; 1000 lbs., $55.00.

French White Roman Hyacinths, 12-15 centimeters, fine bulbs, $2.50 per 100; $24.00 per 1000.

	Per 100	Per 1000
Single Dutch Hyacinths, separate colors, splendid bulbs, unusual value	$2.50	$24.00
Single Named Dutch Hyacinths, separate colors, all the standard varieties	3.25	30.00
Narcissus Paper White Grandiflora, 13 centimeters and over	1.00	9.00

(Packed 1000 to case.)

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, October 1.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	1.50 to 2.00
" No. 1	1.00 to 1.25
" Shorts	.50 to .75
	Per 100
Brides and Maids	$2.00 to $5.00
Carnots	4.00 to 6.00
Cusins	2.00 to 4.00
Meteors	2.00 to 4.00
Sunrise	4.00
Golden Gate	3.00 to 4.00
Kaiserins	2.00 to 5.00
Liberty	4.00 to 8.00
Perles	2.00 to 3.00
Cattleyas	50.00
Carnations, White	1.50 to 2.00
" Colored	.75 to 1.00
Adiantum cuneatum	1.00
Asters	.50 to 1.00
Dahlias	1.00 to 4.00
Gladiolus	1.50 to 2.00
Longiflorum lilies	12.50
Valley	2.00 to 4.00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00
Asparagus sprengeri, Sprays	1.00 to 1.50
Mignonette, Ordinary	1.00 to 2.00

Beauties are the best sellers, some few bringing $3 per dozen, while $2.50 and $2 is the price for most of the better grades. Good Brides and Maids are really scarce and the price is 4 cents. There are plenty of the cheaper grades to be had. Good Kaiserins are in demand at from 4 to 8 cents. This is the best white rose at present. Carnations are in demand. The rain of the last few days spoiled the outdoor stock, and there are not enough indoor ones as yet to go around. The price runs from $1 to $2 per 100, very few bringing the last named figure. The rain also spoiled the asters and they are not in evidence enough to be quoted. We hear of some late ones of these, but they are not on hand as yet. Violets are beginning to arrive and are very good for this season. Niessen had five good shipments of the singles on September 29th. He has never had them so good at this early date before.

Pittsburg, October 1.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	5.00
" " Extra	3.00 to 4.00
" " No. 1	2.00
" " No. 2	1.00
Cusin	2.00 to 3.00
Kaiserins	2.00 to 8.00
Liberty	2.00 to 6.00
Sunrise	2.00
Carnations, Commons	.75 to 1.25
" Fancy	1.50 to 2.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus, Strings	30.00 to 50.00
" " Sprays	2.00 to 3.00
Asparagus Sprengeri, Sprays	2.00 to 4.00
Asters	.25 to 2.00
Chrysanthemums, Ordinary	8.00 to 10.00
Dahlias	1.50 to 3.00
Daisies	.25 to 1.00
Valley	2.00 to 4.00
Gladiolus	2.00 to 4.00
Tuberoses	1.00 to 2.00
Violets, Ordinary	.20 to .30
Smilax	8.00 to 15.00
Galax	.15
Common ferns	.20
Leucothoe	1.00

Umbrella Plant

Cyperus Alternifolius, 1500 fine 6-inch pot plants, **$2.50** per doz.; **$20.00** per 100.

Boston Ferns.

6-inch pans, **40 cents.**

These plants are very good value. Samples sent for stamps.

H. H. BATTLES,

Thorn Hedge, Newtown Square, Del. Co., Pa.

Mention The Review when you write.

Rose Plants for Winter Bloom

	Per 100	1000
1500 Golden Gate, extra fine, 3-in.	$5.00	$40.00
1500 Meteor, extra fine, 3-in.	5.00	40.00
1500 Kaiserin, extra fine, 3-in.	5.00	40.00

This stock is in fine growing condition and will satisfy the most critical buyers. Terms cash with order.

ADDRESS

S. Alfred Baur,

ERIE, PA.

Mention The Review when you write.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hard wood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100; **$45.00** per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

FANCY or DAGGER FERNS, 75c per 1000. Discount on large orders. Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

GEORGE M. MOSS,

WHOLESALE FLORIST,

Beauties, Brides, Maids, Carnations, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

Mention The Review when you write.

EDWARD REID

WHOLESALE FLORIST.

A large Stock of **Roses, Carnations, Valley** and other Flowers.

1526 Ranstead St., PHILADELPHIA.

Store closes at 6:30 P. M. Saturday, 1 P. M.
Long Distance Telephone.

Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

Mention The Review when you write.

Eugene Bernheimer

WHOLESALE FLORIST.

Large assortment of

Roses, Carnations and Asters.

11 South 16th Street.

PHILADELPHIA, PA.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, **Pittsburg, Pa.**

Mention The Review when you write.

Garland Evergreen Co.

Shippers of all kinds of

Decorative Evergreens, Wild Smilax, Fancy and Dagger Ferns, Mosses, Holly, Etc. Also Southern Smilax Plants.

Wire for prices. **GARLAND, ALA.**

Mention The Review when you write.

Asparagus Sprengeri

	100
500 3-inch pots	$ 6.00
500 2½-inch pots	3.00
250 Asparagus Tenuissimus, 4-inch pots	6.00
200 Asparagus Plumosus, 4-inch pots	10.00
25 Boston Ferns, 8-inch pots, each,	.90
50 Rubber Plants, 20 to 24 inches, 6-inch pots, each,	.45

Cash with order.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

Beauties
Dahlias
Liberties
Asparagus plumosus
Ribbons
Lilies
Carnations
Violets
Samuel S. Pennock
Wholesale Florist
Philadelphia.
Orchids
Valley
Cattleyas

Charles Millang, 50 W. 29th St. NEW YORK.

O ye! our buyers here in gay Manhattan,
And you, our shippers true, whose purse we fatten!
Remember, **Lilies**;—South, North, East and West—
Seem all to know the man who sells them best;
And still this song the Lilies sing—Long live Millang, the "Lily King."

All Kinds of Flowers and plenty of them.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it.

TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No oetter flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

HEADQUARTERS FOR NOVELTIES

VIOLETS CHRYSANTHEMUMS VIOLETS

W. GHORMLEY

THE VIOLET AND CHRYSANTHEMUM HOUSE OF AMERICA.

ALL VARIETIES OF CUT FLOWERS SOLD ADVANTAGEOUSLY FOR CONSIGNORS.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICE.

WHOLESALE COMMISSION.

Telephones {2200 2201} Madison Square. **57 West 28th Street, NEW YORK.**

Mention The Review when you write.

THE PIONEER HOUSE of the Cut-Flower Commission Business. Open every day at 6 a. m. Always "on deck." Your business interests never neglected.

J. K. ALLEN

WHOLESALE FLORIST,

106 W. 28th Street, Tel. No. 168 Madison Sq. NEW YORK CITY

We ship all over the U. S. Out-of-town florists telegraph your needs. Consignments of first class flowers always realize with us the best market prices.

If years of great success and reputation for stability,
Are proof of first class goods and true reliability,
Then why the shadows follow, why seek elsewhere what you need?
We may not do all the business, but you well know that we lead.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

Mention The Review when you write.

Geo. Saltford, WHOLESALE FLORIST,

46 West 29th Street, NEW YORK CITY.

Telephone No. 3393 Madison Sq.

CONSIGNMENTS OF ALL FIRST CLASS FLOWERS SOLICITED.

VIOLETS our specialty.

Mention The Review when you write.

The New York Cut Flower Co.

55 and 57 West 26th Street,

WHOLESALE FLORISTS.

Daily Reports. Weekly Payments.

Tel. 2239 Madison Sq. 2034 Madison Sq. J. A. MILLANG, Manager.

Mention The Review when you write.

Always Mention the.... Florists' Review When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, October 1.

	Per 100	
Beauties, Specials	$15.00 to	$25.00
" Fancies	12.00 to	15.00
" Extras	10.00 to	12.00
" No. 1	5.00 to	8.00
" No. 2	2.00 to	4.00
" No. 3	.75 to	1.50
Queen of Edgely, Specials	15.00 to	20.00
" " Fancies	12.00 to	15.00
" " Extras	10.00 to	12.00
" " No. 1	6.00 to	10.00
Brides and Maids, Extra	3.00 to	5.00
" " No. 1	1.00 to	3.00
" " No. 2	.50 to	1.00
Golden Gates	.50 to	4.00
Liberty	2.00 to	8.00
Meteors	.50 to	4.00
Perles	1.00 to	3.00
Cattleyas	30.00 to	50.00
Cypripediums	10.00 to	20.00
Deudrobium formosum		25.00
Carnations, Commons	.50 to	1.00
" Selects	1.50 to	2.00
Adiantum cuneatum	.50 to	1.00
" Farleyense		6.00
Asparagus plumosus, Strings	35.00 to	40.00
Plumosus Sprays, $2.00 a doz. bunches.		
Sprengeri Sprays, 2.00 "		
Asters	.50 to	1.00
Gladiolus	.50 to	1.00
Auratum lilies	6.00 to	12.00
Longiflorum lilies		8.00
Valley	2.00 to	3.00
Tuberoses	1.00 to	2.00
Violets	.25 to	.50
Galax, per 1000, $1.00.		
Leucothoe		1.00
Common Ferns, per 1000, 50c to $1.00.		

Last week prices for cut flowers of all kinds dropped about 25 per cent below the prevailing rates of the week before. The supply was enormous, the quality almost universally excellent, but the equinoctial storm, together with four days of steady downpour and the moderate demand made it one of the most discouraging weeks of the year.

In ordinary years a good frost would be universally welcomed, but not this season, as not one grower in twenty has housed his coal supply or even contracted for its delivery.

On Monday cut flower receipts were heavy, sales were slow and there was no improvement in prices. J. A. S.

Established 1872.

JOHN J. PERKINS,

WHOLESALE AND COMMISSION FLORIST,

115 W. 30th St., NEW YORK.

Telephone No. 956 Madison Sq.

WANTED a few more reliable growers of Carnations and VIOLETS.

Only first class stock handled.

Mention The Review when you write.

JOHN YOUNG

Special American Beauties, Surpassing Carnations, Lily of the Valley, Orchids and all seasonable flowers.

51 W. 28th St., NEW YORK.

Tel. 1905 Madison Sq.

Mention The Review when you write.

YOUNG & NUGENT,

42 West 28th Street, Telephone 2065 Madison Sq. NEW YORK,

Are supplying the most superb stock of Seasonable Flowers ever offered to New York buyers. Meteor, Liberty, Beauty, Bride and Maid Roses. Splendid Cattleyas.

Send for quotations.

Mention The Review when you write.

Established 1891.

GEO. E. BRADSHAW. JOHN R. HARTMAN.

BRADSHAW & HARTMAN, Wholesale Florists,

53 West 28th Street, Telephone 1239 Madison Square. NEW YORK.

Consignments Solicited.

Mention The Review when you write.

BONNOT BROS.

WHOLESALE FLORISTS,

55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.

OPEN ALL DAY!

AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.

Telephone No. 2438 Madison Sq.

Mention The Review when you write.

FRANK MILLANG

Open from 6 a. m. to 5 p. m.

Cut Flower Exchange, 55-57 W. 26th St.

Phone 299 Madison Square. NEW YORK.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

GRAND EXHIBITION OF FLOWERS AND STATUARY

By the NEW YORK FLORISTS' CLUB and NATIONAL SOCIETY OF SCULPTURE at

MADISON SQUARE GARDEN, NEW YORK CITY,

OCTOBER 30th TO NOVEMBER 6th, INCLUSIVE.

$3,500 in regular premiums besides numerous gold, silver and bronze medals for special prizes.

This will be the grandest horticultural and sculptural exhibition ever given in this country.
Intending exhibitors should send in their entries at once to secure space.

FOR SCHEDULES AND FURTHER INFORMATION APPLY TO THE MANAGER, **HARRY A. BUNYARD, 38 W. 28th St., NEW YORK CITY.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, October 1.

	Per 100
Beauties, Specials	$25.00
" Extra	20.00
" No. 1	10.00
" Shorts	6.00
Brides and Maids, Specials	$6.00 to 8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
" " No. 2	.25 to .50
Carnots	2.00 to 8.00
Golden Gates	.50 to 4.00
Kaiserins	2.00 to 12.50
Liberty	2.00 to 12.50
Meteors	2.00 to 8.00
Morgans	1.00 to 4.00
Perles	2.00
Carnations, Commons	1.00 to 2.00
" Fancies	2.00 to 4.00
Callas	12.50
Dahlias	.50
Gladiolus	3.50
Longiflorum lilies	10.00
Valley	3.00 to 5.00
Smilax	10.00 to 12.50
Violets, Ordinary	.50 to 1.00
Galax	.15
Common Ferns	.10
Mignonette	1.00
Chrysantbemums, Ordinary	6.00 to 12.50
Asters	.50 to 1.00
Tuberoses	4.00

No fault should be found with the amount of trade now going on. It is all that can be expected under present conditions, and there is just about good material enough coming in to supply it; consequently prices range just about right, except that poor material is hard to sell at any price, which is hard on the man who grows that kind. Roses get hit the hardest, because of the general prevalence of mildew, but there are enough good, clean ones to supply the call. Scarcity exists along the lines of violets and chrysanthemums, of course, but a buyer who wants any will get them if he calls early enough and is content with rather poor single violets and white mums, with rather a poor chance of getting a few yellow ones. M. L. Belcher draws first blood on white Fitzwygram, Norris F. Comley on Bergmann, and Mr. Zirngiebel on yellow Fitzwygram.

THE RETAIL FLORIST.—This department will be resumed in an early issue. We have in course of preparation for same a series of special illustrations that will, we believe, be of unusual value to our readers.

W. J. Cowee, Berlin, N. Y.
Manufacturer of
MACHINE WIRED TOOTHPICKS
10,000....$1.50; 50,000....$6.25
3000 6-Inch Wired Flag Sticks, $1.20
Samples free. For sale by dealers.

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Per 100 .....150, 200 and 300 Marks.

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SPECIMEN PLANTS, thick with foliage, globular shaped, with plenty of fruit.

2 to 10 Marks each.

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GALAX, Bronze, $1.25 per 1000. Green, 1.00 "
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Cash with order.
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Mosses, Laurel, Bouquet Evergreen, Festooning, Wreaths, Hemlock and Spruce Boughs.
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5-inch pot plants, fine clean foliage and full of bud and bloom. 18c. Packing free for Cash.
W. H. SALTER, Rochester, N. Y.

Wholesale Cut Flower Prices.

Chicago, October 1.

	Per doz.
Beauties, 36-inch stems	$3.00
" 30 "	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.00
" 12 "	.75
" Shorts	.50

	Per 100
Bridesmaids, Specials	$5.00 to $6.00
" Firsts	4.00
" Seconds	3.00
" Culls	$1.50 to 2.00
Brides, Specials	5.00 to 6.00
" Firsts	4.00
" Seconds	3.00
" Culls	2.00
Kaiserins, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
" Seconds	3.00 to 4.00
Perles, Firsts	4.00
" Seconds	2.00 to 3.00
Liberty, Specials	10.00 to 12.00
" Firsts	6.00 to 7.00
" Seconds	3.00 to 4.00
Golden Gate, Firsts	6.00
" Seconds	2.00 to 4.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
La France	5.00 to 10.00
Mme. Chatenay, Firsts	6.00
" Seconds	4.00 to 5.00
Sunrise	4.00 to 6.00
Ivory, Firsts	10.00
" Seconds	4.00 to 5.00
Carnot, Firsts	6.00 to 8.00
" Seconds	3.00 to 5.00
Carnations, Fancy	2.50 to 3.00
" Commons	1.50 to 2.00
Asters, Selects	1.50 to 2.00
Valley, Selects	4.00 to 5.00
Violets, Princess of Wales	1.00
Harrisii lilies	15.00 to 18.00
Chrysanthemums (Fitzwygram)	8.00 to 16.00
Smilax	8.00 to 12.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" " Sprays	1.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Commou ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

The cut has diminished and demand has strongly increased, and as a result there is now a shortage all along the line. While quotations show only a slight advance, and that always on the top grades, the rates are stiffer on all grades and some kinds of stock is almost impossible to secure in any quantity.

Beauties are scarce in most all grades. The best Brides and Maids now reach $6 and on Brides $2 is the bottom, though the lowest grade Maids can be sometimes had at $1.50. In Kaiserins the bottom grade is no longer quoted. Only one house is yet offering Liberties that can class as specials. La France is a new item in the rose classes and this old favorite is bringing a good price. Ivory continues to meet with good demand and the quality has so improved that the best now command $10, with the seconds at $4 and $5.

The carnation situation is even more strained than last week. The shortage is severe. Fancy stock brings $2.50 to $3 easily and any decent sort of a flower, especially in white, will sell at $2, which is practically the bottom and is surely a record. Chrysanthemums (Fitzwygram only) have improved in quality and the best now reach up to $16. Asters are still arriving, but in limited quantities only.

On Wednesday bright weather returned and if it continues the supply will undoubtedly rapidly increase and relieve the present shortage.

Milwaukee, October 1.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	10.50 to 12.50
" Shorts	4.00 to 6.00
Brides and Maids, Specials	6.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gates	.400 to 6.00
Kaiserins	4.00 to 6.00
Liberty	4.00 to 8.00
Meteors	4.00 to 6.00
Perles	3.00 to 5.00
Carnations, Commons	1.50
" Fancies	2.00 to 3.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	60.00
" " Sprays	2.00 to 4.00
" Sprengeri, Sprays	2.00 to 6.00
Asters	1.50
Daisies	.50
Valley	4.00 to 5.00
Violets, ordinary	1.50
Smilax	15.00
Galax	.20
Common ferns	.20

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Roses and Carnations A Specialty.....
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Fancy cut Valley in large quantities at Chicago market price. Fine pips from cold storage $1.50 per 100; $13.00 per 1000.
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Wholesale Cut Flower Prices.

St. Louis, October 1.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	2.00 to 2.50
" No. 1	1.00 to 2.00
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	$3.00 to $5.00
" " Extra	2.50 to 3.00
" " No. 1	1.50 to 2.00
" " No. 2	1.00 to 1.50
Carnots	2.50 to 5.00
Golden Gates	1.00 to 4.00
Kaiserin	1.50 to 4.00
Liberty	3.00 to 5.00
Meteor	1.00 to 4.00
Perle	1.00 to 4.00
Carnations, Common	1.00
" Selects	1.50 to 2.00
" Fancies	2.00 to 2.50
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" " Sprays	1.50
" Sprengeri, Sprays	1.50
Asters	1.00 to 2.00
Chrysanthemums	10.00 to 15.00
Gladiolus	3.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	4.00 to 5.00
Violets, Ordinary	.35
Galax	.15
Common Ferns	.15

At Kuehn's the past week were noted some fine Brides, Maids, Meteors and Beauties, of which Brides and Maids had the best call. In carnations there was a good supply, but not enough for the demand. All greens had a good call. The week just passed was a good one for supplies and wire work. Shipping trade here is always good.

At Ellis' the large stock of roses, including fine Carnots and Beauties, had a good demand. Some very fine carnation blooms were seen, noticeable among which were twenty-four blooms of Enchantress from Joliet. These attracted a great deal of attention among the trade. They were sold to Mrs. Ayers at $2 for the twenty-four. They were the first seen in this market. Violets had a fair call. Some valley and tuberose stalks sold. Shipping trade is picking up.

At Berning's a big lot of fairly good carnations were on hand all the week. Same can be said of roses, among the best being Brides, Maids, Meteors and Beauties. For all these the demand was good, both local and shipping. A few asters, valleys, cosmos and other seasonable flowers sold well. J. J. B.

Baltimore, October 1.

	Per 100
Beauties, No. 1	$12.00 to $16 00
" Shorts	5.00 to 8.00
Brides and Maids	3.00 to 5.00
Golden Gates	3.00 to 5.00
Kaiserins	2.00 to 5.00
Liberty	2.00 to 5.00
Meteors	3.00 to 5.00
Perles	2.00 to 4.00
Carnations, Commons	.35 to 1.25
Chrysanthemums, Ordinary	3.00 to 4.00
Dahlias	.35 to .75
Adiantum cuneatum	1.00
Asparagus plumosus, strings	25.00 to 60.00
Callas	8.00 to 10.00
Smilax	10.00 to 20.00

NEW HAVEN, CONN. — The Frank S. Platt Co. has been incorporated with a capital stock of $20,000, all paid in. It will continue the seed and florist business of Frank S. Platt. The incorporators are Frank S. Platt, Frank H. Griswold, Amasa L. Doolittle and Charles C. Ostermann.

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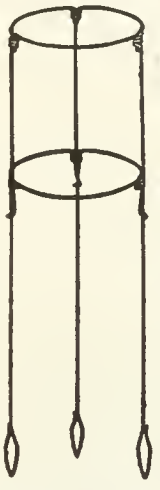

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Endorsed by all the leading carnation growers as the best support on the market.

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Prompt shipment guaranteed.

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2½, 3, 4 and 5-inch.

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A lot of 5-in. **Hibiscus** to close, $1.50 per doz.

Cinerarias. In 2½ and 3-inch.

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Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.

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Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

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Abutilons, in variety, 2¼-in., $2.50 100.
R. Vincent, Jr., & Son, White Marsh, Md.

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Ageratums, Stella Gurney and dwarf white, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALYSSUM.

Giant and dwarf dbl. alyssum, 2¼-in., $2.00 100. R. Vincent, Jr., & Son, White Marsh, Md.

Double sweet alyssum, strong, bushy plants, 3-in., $4.00 100. N. Smith & Son, Adrian, Mich.

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Six beautiful goldfish, $1.00. Express prepaid in U. S.
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ARAUCARIAS.

We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

Araucaria excelsa, A. excelsa glauca and A. robusta compacta in all sizes. Fine plants, low price. Bobbink & Atkins, Rutherford, N. J.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
Julius Roehrs, Rutherford, N. J.

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ASPARAGUS SPRENGERI. Handsome stock for immediate delivery.
4½-inch pots .....$12.00 per 100
5-inch pots ..... 15.00 per 100
Great value; speak quickly if you want them.
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Asparagus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100.
NATHAN SMITH & SON, Adrian, Mich.

Asparagus Sprengeri, 3-in., $6.00 100; 2½-in., $3.00 100. A. tenuissimus, 4-in., $6.00 100. A. plumosus, 2-in., $3.00 100, $25.00 1000; 4-in., $10.00 100. Cash.
LIVINGSTON SEED CO., Columbus, Ohio.

Asparagus plumosus nanus, extra fine, 2½-in., better than some 3-in., $3.50 100; $30.00 1,000. Extra fine, 3-in., $5.00 100. Sample of either size, 10 cts. free by mail. Cash, please.
H. TONG, Ashtabula, Ohio.

Asparagus Sprengeri, very strong, 2-year-old, 4-in., $7.50 100; 5-in., $12.50 100. Cash with order, please. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

Asparagus Sprengeri. 1000 fine, stocky plants from 3-in. pots, ready for fall delivery, $2.75 per 100; to clear out, $20.00 for the lot. Cash.
Gulf Coast Nurseries, Dickinson, Tex.

Buy Southern-grown Asparagus Sprengeri, 2½-in. pots, $2.00 per 100; 4-in. pots, $5.00 per 100; from seed beds, $1.00 per 100.
H. L. Neal, Seguin, Tex.

Asparagus plumosus, 1000 strong plants in 3-in. pots, $5.00 100. Strong healthy 1 year old plants from bed, $8.00 100.
A. J. PENNOCK, Lansdowne, Pa.

A. plumosus nanus, 3½-in., $5.00 100; $40.00 1000. A. Sprengeri, from flats, $1.00 100; $7.50 1000; $25.00 for 5000.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, 4-in., $4.50 per 100; 2½-in., $2.50 100. A. plumosus, 2½-in., $2.50 100. Cash. H. Ernst & Son, Washington, Mo.

ASPARAGUS PLUMOSUS, 2¼-in., strong, $3.00 100. A. Sprengeri, 2¼-in., $2.00 100. Cash. JOS. H. CUNNINGHAM, Delaware, O.

Asparagus Sprengeri, 2¼-in., $1.50 100.
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10000 A. Sprengeri, extra strong 2¼-in., $1.50 100; 2½-in., $2.50 100.
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Asparagus plumosus, 3-in., 5c; 4-in., 15c; 5-in., 25c. Fine plants in fine condition.
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Asparagus Sprengeri, $2.00 per 100. Satisfaction guaranteed or your money back.
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Asparagus Sprengeri, nice 2½-in. stock, $2.50 per 100, $20.00 per 1000.
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Asparagus plumosus, strong plants, 2-in. pots, $4.00 100, $30.00 1000.
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Asparagus Sprengeri our specialty. 10,000 plants from 2 to 6-in.
H. Bornhoeft, Tipton, Ind.

To make room. 500 Asparagus Sprengeri, 4-in., strictly first-class, $8.00 per 100.
McDONALD & STEELE, Crawfordsville, Ind.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Field-grown Sprengeri. Nice clumps at $3.00 and $5.00 per 100.
C. Winterich, Defiance, Ohio.

A. plumosus, strong 3-in., ready to shift, $5.00 100. Van Wert Greenhouses, Van Wert, O.

A. Sprengeri, 2½-in., ready for 3½-in., $2.50 100. Cash. Estate of D. Fisher, Montvale, Mass.

Asparagus plumosus, strong and bushy, 3-in., $5.00 100. W. C. Beckert, Allegheny, Pa.

2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus Sprengeri and plumosus. Write.
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Asparagus Sprengeri, $2.00 100, $15.00 1000.
W. Stuppe, Westbury Station, N. Y.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

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Box Trees, Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
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Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
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Mrs. Shepherd's TREE BEGONIA, assorted 2½-in. pots, strong, $2.00 doz., delivered. MAJORIE DAW, fine winter bloomer, 2½-in. pots, $1.60 doz., delivered. Other varieties in great variety. Send for catalogue and trade lists.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

Rex begonias, best named varieties, 2¼-in., $4 100. Begonias incarnata, the most useful begonia for winter-flowering, 3-in., $8 100.
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150 Rex begonias, 10 varieties, ready for 4-in., $4.00. 150 flowering begonias, standard sorts, good size, $3.00. Mrs. J. E. Patton, Trenton, Mo.

Begonia Rex, good plants ready for retailing, 4½-in., 15c.
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New double semperflorens begonia, 3-in., $3.00 100. Cash. H. Ernst & Son, Washington, Mo.

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1000 pink and white bouvardia, $6.00 100. Leo. Niessen, 13th and Filbert sts., Philadelphia, Pa.

Bouvardias rosea multiflora and A. Neuner, fine, bushy, field-grown, $8.00 100.
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NARCISSUS.	100	1000
Paper white grandiflora	$1.00	$9.00
Paper white grandiflora, selected bulbs	1.25	10.00
Von Sion, double nose, selected	2.00	18.00
Von Sion, mammoth bulbs	1.75	14.00
Von Sion, first size	1.50	12.00

STUMPP & WALTER CO., 50 Barclay St., New York.

	100.	1,000.
French White Roman hyacinths, 12-15 cms., fine bulbs	$2.50	$24.00
Single Dutch hyacinths, separate colors, splendid bulbs	2.50	24.00
Single named Dutch hyacinths, separate colors, standard varieties	3.25	30.00
Narcissus Paper White Grand, 13 cms. and over (1,000 to case)	1.00	9.00

Send for our fall BULB LIST—it will interest you.
JOHNSON & STOKES,
217-219 Market St., Philadelphia, Pa.

FREESIAS. SPLENDID QUALITY. Per 1000.
¼ to ⅜ inches in diameter.....$2.50
⅜ to ½ inches in diameter..... 3.50
½ inch and up in diameter..... 5.00
Fresh stock, just arrived from our own farms in California.
JACKSON & PERKINS CO., Newark, New York.

HARRISII LILIES. Our Harrisii for the past four years have averaged 90 per cent good bulbs. Our prices are low. A few more cases of 7-9 left; every bulb guaranteed sound.
W. W. RAWSON & CO., Seedsmen, 12 and 13 Faneuil Hall Square, Boston, Mass.

Special offer on LILIUM HARRISII—5 to 7-in., 400 in case, $39.00 1,000; 7 to 9-in., 200 in case, $80.00 1,000. Send for our bulb catalogue.
H. F. Michell, 1018 Market St., Philadelphia, Pa.

We have unexpectedly received a large consignment of LILIUM HARRISII; send us the number you require and we will make you a SPECIAL PRICE.
J. M. THORBURN & CO., 36 Cortlandt St., New York.

Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.
BOBBINK & ATKINS, Rutherford, N. J.

WHY PAY MORE? See my special of bulbs, for SPOT CASH, in this issue. Send for my catalogue.
C. H. JOOSTEN, 178 Greenwich St., N. Y.

FALL BULBS. Complete stock now ready. Bulb catalogue on application.
W. W. BARNARD & CO., 161 Kinzie St., Chicago.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
JAMES VICK'S SONS, Rochester, N. Y.

TO CLOSE OUT—Callas, 4 to 5¼ inches in circ., $4.00 100.
W. C. BECKERT, Allegheny, Pa.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla and Belladona bulbs. Write.
California Nursery Co., Niles, Cal.

Calla bulbs, 1st size, $4.00 100.
California Carnation Co., Loomis, Cal.

CACTI.

Old-Man Cactus, 4—5 in. high, $3.00 per doz., $20.00 per 100; 6—8 in. high, $4.00 per doz., $30.00 per 100. Prices include prepayment by parcel-post.
J. A. McDowell, Ap. 167, City of Mexico.

Stapelia variegata (star cactus), $3.00 100; makes fine border; will live and bloom all winter in southern states. Cash with order.
Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want?
Write Benj. Connell, West Grove, Pa.

CAREX.

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

FIELD-GROWN CARNATIONS.

	1st size.		2d size.	
2000 Norway	$8.00	100	$6.00	100
1000 Flora Hill	6.00	100	5.00	100
1500 Mermaid	6.00	100	5.00	100
500 Egypt	5.00	100	4.00	100
500 Maceo	5.00	100	4.00	100
300 Gov. Roosevelt	....		5.00	100
200 Lorna	....		6.00	100
300 Queen Louise	....		6.00	100

W. E. HALL, Clyde, Ohio.

LILLIAN POND, the largest and best white—it's a money-maker for all of you. Delivery commences Jan. 1, 1903. Prices: 12 $1.50, 25 $3.00, 50 $5.00, 100 $10.00, 250 $23.00, 500 $37.50, 1000 $75.00.
S. J. REUTER, Westerly, R. I.

FIELD-GROWN CARNATIONS, strong, healthy plants. Per 100:

	No. 1	No. 2
1000 Russell	$5.00	$3.00
800 Gomez	4.00	
200 America	4.00	

Cash with order from unknown parties. Packed to carry safely by express.
CHAS. BLACK, Hightstown, N. J.

SURPLUS STOCK OF EXTRA STRONG FIELD-GROWN CARNATIONS.
To close out at once, for cash, at bargain-counter prices: 1000 SCOTTS and 1500 M'GOWANS at $20.00 per 1000; 1500 CROCKERS, 300 PORTIAS, 400 DEANS and 100 CRANES at $25.00 per 100. Also 800 mixed varieties, good plants, $12.00 for the lot.
Packed and shipped in good order.
H. P. OWEN, Central Valley Greenhouses, Toughkenamon, Pa.

FIELD GROWN CARNATIONS.

3000 Daybreak.	450 Scott.
2000 Marquis.	500 Lord.
2500 Crocker.	500 Portia.
1200 Victor.	400 Fisher.

1600 dark pink (a sport from Scott), and a few Crane, American, Lawson and Morning Glory.
Fine strong plants, $40.00 per 1000.
W. F. KASTING, Buffalo, N. Y.

MURPHY'S WHITE. A commercial white carnation; vigorous and healthy grower; early, free and continuous bloomer; stem and calyx its strong points. Will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1000, $45.00 5000.
I am headquarters for Estelle cuttings. Price: $4.00 100, $30.00 1000.
WM. MURPHY, Station F, Cincinnati, O.

FIELD-GROWN CARNATIONS.

	12.	100.		12.	100.
Cressbrook	$3.00	$15.00	Egypt	$1.00	$7.00
Norway	1.50	8.00	Mermaid	1.00	5.00
Prosperity	1.50	8.00	Goethe	1.00	5.00
Lord	1.00	7.00	Beau Ideal.	1.00	5.00

The above are in good shape, ready for immediate shipment. 25 plants one variety at 100 rate.
H. WEBER & SONS, Oakland, Md.

Carnations, strong, healthy plants grown on high ground.

	100.		100.
165 Prosperity	$9.00	200 Marquis	$7.00
65 Lawson	8.00	145 Gomez	7.00
1200 Glory	7.00	50 America	7.00
2000 Triumph	5.00	120 Lord	5.00

390 Joost...$5 & 7.00
W. J. & M. S. VESEY, Fort Wayne, Ind.

Field-grown plants, strong and healthy.

	Per 100
Norway	$6.00
G. H. Crane	6.00
Flora Hill	5.00
America	5.00
Ethel Crocker	4.00

Write for special price on thousand lots.
JOHN G. ELLINGER, Walnut and 48th Sts., Philadelphia, Pa.

Strong, healthy, field-grown carnation plants ready for planting:

100	1000		100	1000
Bradt	$7.00	$60.00	Lord	$5.00	$40.00
Marquis	6.00	50.00	Melba	5.00	40.00
Scott	4.00	30.00	M'Richm'd	5.00	40.00
McGowan.	4.00	35.00			

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

Field-grown carnations, strong, healthy plants that have not been allowed to bloom.

	100.	1000.
Elma, light pink	$6.00	$50.00
Joost, pink	5.00	40.00
Jubilee, scarlet	5.00	40.00

Strong and in fine condition. Cash.
BAUR & SMITH, 38th and Senate, Indianapolis, Ind.

FIELD-GROWN CARNATIONS.
Buttercup, Liberty, Dorothy, Nydia, Hoosier Maid, Prosperity, Norway, Sunbeam, 1st size, $7.00 100; 2d size, $5.00 100. Gomez, Portia, Victor, Armazindy, Crocker, Marquis, 1st size, $5.00 100; 2d size, $4.00 100. Lawson, Roosevelt, 2d size, $6.00 100. Joost, Daybreak, Morning Glory, Hill, 2d size, $4.00 100.
J. L. DILLON, Bloomsburg, Pa.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1000
White Cloud	$6.00	$50.00
Norway	5.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Surplus stock, clean, field-grown carnations. 90 Jubilee, 70 The Marquis, 30 Armazindy, 70 Lizzie McGowan, $10.00. 200 fine Canterbury Bell Plants, $3.00 100; 100 Sweet William, $2.00 100; 50 Seedling Echeveria, 3c each. Cash with order. Barrytown Floral Co., Barrytown, N. Y.

Surplus stock of field-grown carnations—150 The Marquis, 200 Gen. Gomez, 200 Ethel Crocker, 200 Daybreak, 400 Francea Joost, 100 White Cloud, 100 Bon Ton, $5.00 per 100. Cash with order. Chas. H. Green, Spencer, Mass.

FIELD-CARNATIONS. Large—Healthy—Vigorous.

100.		100
Norway	$6.00	Nydia $5.00
Marquis	6.00	Flora Hill 5.00
Glacier	5.00	Crocker 4.00
Joost	5.00	Cardinal 4.00
Mary Wood	5.00	

A. C. BROWN, formerly Brown & Canfield, Springfield, Ill.

FIELD-GROWN CARNATIONS.

	100.	1000.
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00
Marquis	4.00	35.00
White Cloud	5.00	
Lawson	7.00	

P. REINBERG, 51 Wabash Ave., Chicago.

EXTRA FINE, FIELD-GROWN PLANTS.

100		100
White Cloud	$8.00	Wm. Scott $5.00
Prosperity	8.00	Hill 5.00
Mrs. Joost	6.00	Cartledge 4.00
E. Crocker	5.00	McGowan 4.00
300 Maceo	7.00	1500 Norway 7.00
1000 Fisher	4.00	

LEO NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Healthy, field-grown carnations.

	100.	1000.
Joost	$3.00	$25.00
Scott	3.00	25.00
Hill, medium size	3.50	30.00

250 at 1000 rate. Cash or C. O. D.
WM. FLUEGGE, 2791 N. Leavitt St., Chicago.

FIELD-GROWN CARNATIONS.
$4.00 per 100. $35.00 per 1000.

4000 Lord	2000 Norway,
2000 Egypt,	200 Triumph,
	250 Peru.

GRAND RAPIDS VIOLET CO., Grand Rapids, Mich.

GOOD FIELD-GROWN CARNATIONS.
600 Avondale (a good pink shade of Dorothy), $3.00 100. This is a bargain. Write at once, as we want to close them out. Also 150 Jubilee and 100 Daybreak at $3.00 100. $20.00 takes the entire lot. You can't lose on them.
CHESSMAN & SCHEPMAN, Richmond, Ind.

FIELD-GROWN CARNATIONS.
Joost, Roosevelt, America, Crane, Marquis, Glacier, Melba, White Cloud, Crocker, McGowan, Estelle, Mermaid, Norway, Prosperity, Bartlett, 1st size, extra strong, $4.00 100; 2nd size, $2.00 100.
JOSEPH HEINL, Jacksonville, Ill.

REDUCED PRICES on carnation plants. Flora Hill, 200, extra strong, $5.00; 200, strong, $3.00; 1,500 late planted, $2.25 100. 300 Scott, 1,200 Joost, 1,000 Crocker, 250 John Young, 250 Dean, $3.75 100. Reduction on 500 or more.
JOHN CURWEN, Glen Head, L. I., N. Y.

FIELD-GROWN CARNATIONS.

100	1000		100	1000
Crocker	$5.00	$45.00	Jubilee	$4.00	$35.00
Lord	4.00	35.00	Scott	4.00	35.00
Daybreak	4.00	35.00	Prosperity	8.00	

S. T. DANLEY, Macomb, Ill.

Field-grown carnations. Wm. Scott and Lizzie McGowan, extra strong, 1st size $3.50 100; $30.00 1000. Second size, $2.50 100; $20.00 1000. Cash with order.
K. MELBER, Tappan, N. Y.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail, 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Healthy, strong, field-grown carnations.
280 Bon Homme Richard $4.00 100
135 White Cloud 4.00 100
50 Bradt 4.00 100
JOSEPH LABO, Joliet, Ill.

GOODENOUGH, the most profitable white, $7.00 100. Frances Joost, Maceo and Scott, $5.00 100. All strong, field-grown plants. Write for prices on large lots.
S. LITTLEFIELD, No. Abington, Mass.

35,000 field-grown carnation plants. Money returned if not satisfactory. Eldorado, Gen. Gomez, Ethel Crocker, Bradt, Wm. Scott, Lizzie McGowan, $5.00 100.
ALEXANDER WUERZ, Darien, Conn.

FOR SALE OR EXCHANGE.
10,000 field-grown carnations, perfectly healthy and in fine condition, as season has been favorable with us. Will exchange for violets.
E. WICKERSHAM & CO., Pottstown, Pa.

Fine, field-grown carnations. 300 F. Joost, 200 Flora Hill, 150 Crane, 100 Daybreak, $5.00 per 100. Also some Scott and White Cloud. Cash with order.
CHAPIN BROS., Lincoln, Neb.

Field-grown carnations, fine, healthy stock. Wm. Scott, $3.00 100; Flora Hill, Ethel Crocker, Eldorado, Mrs. F. Joost, $4.00 100. Cash, please. HENRY HANSEN, Catskill, N. Y.

Strong, healthy, field plants grown on high land. McGowan 3c, Crane, Crocker, Joost, Portia, Scott, Eldorado, Daybreak and Victor, 4c; Norway, 5c. J. J. Styer, Concordville, Pa.

5,000 McGowan at $25.00 per 1000.
Alfred H. Walker, Hollis, Queens P. O., N. Y.

Carnations Crane, Avondale, Guardian Angel, 4c. Cash. J. J. Lampert, Xenia, Ohio.

1000 Mrs. F. Joost $6.00 per 100
1000 Wm. Scott 5.00 per 100
3000 Thos. Cartledge 3.50 per 100
J. F. HORN & BRO., Allentown, Pa.

50,000 CARNATION PLANTS, extra fine stock. Write for prices. If you have any stock to exchange write at once.
Union St. Greenhouse Co., Geneva, N. Y.

Carnations, strong healthy plants. Flora Hill, $5.00 100; Daybreak, Armazindy and Young, $4.00 100. Cash with order.
E. LEULY, West Hoboken, N. J.

Strong field-grown carnation plants. Per 100: 600 MARQUIS, $5.00; 800 CROCKER, $4.00; 200 PROSPERITY, $7.00.
SCHLURAFF FLORAL CO., Erie, Pa.

Field-grown carnation plants. 200 McGowen, 50 Daybreak, 100 Crane, $3.00 100. 1000 Crocker, $4.00 100; $30.00 1000. Cash.
Wagner Park Conservatories, Sidney, Ohio.

Field-grown plants, strong and healthy. The Marquis, Ethel Crocker, White Cloud, Freedom, $4.00 100; $35.00 1000. Cash.
HUGO BOOK, College St., Worcester, Mass.

Stroog, healthy carnation plants. 200 MARQUIS, 200 ETHEL CROCKER, 150 ARGYLE, 50 ARMAZINDY, $5.00 100.
Crawn Point Floral Co., Crown Point, Ind.

FIELD-GROWN CARNATION PLANTS.
Prosperity, Marquis, Evanston and Joost at $5.00 per 100.
GEO. REINBERG, 51 Wabash Ave., Chicago.

Carnations, large, field-grown plants; no rot. 10,000 Wm. Scott and 2,000 Lizzie McGowan, $30.00 1000.
CHAS. HUNT, Box 258, Port Richmond, N. Y.

Daybreaks, extra fine, bushy plants, $5.00 per 100, $40.00 per 1000. Cash.
W. G. Kraeber, 35 Tremont St., New Bedford, Mass.

500 Gomez carnations, $5.00 100. Clean, healthy plants. Cash with order. The F. Blondeel Co., 722 N. 64th Ave., Oak Park, Ill.

Field-grown plants of Gomez, Joost, $5.00 100; Daybreak, Scott, McGowan, $4.00 100. Isabella Greenhouses, Box 82. Babylon, N. Y.

Caraations. Wm. Scott, field-grown, very fine plants, $25.00 1000. Edouard Matthes, Anderson Ave. and 2d St., Woodside, L. I., N. Y.

Field-grown plants of Crocker, Hoosier Maid, Joost and Mary Wood, $5.00 100; $40.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

Carnations—Crane, Chapman, Hill, White Cloud, etc. Write for prices and sizes.
Crabb & Hunter, Grand Rapids, Mich.

SPECIAL PRICES in my clearing sale of high grade Joost. Write for them.
Otto Bourdy, Lowell, Mass.

Healthy carnation plants of Scott and Crocker, 4c, $35.00 1000. Prosperity, 8c.
W. H. Vance, Wilmington, Del.

Fine field-grown Marquis and Scott carnations, $5.00 100, $45.00 1,000.
W. H. GULLETT & SONS, Lincoln, Ill.

LOOK OUT. 500 Duke of York carnation plants, good, $3.00 100.
A. B. CAMPBELL, Cochranville, Pa.

Marquis carnations. 2000 extra fine field-grown plants at $5.00.
L. E. MARQUISEE, Syracuse, N. Y.

Carnations. 4000 Wm. Scott, $40.00 1000; 500 Prosperity, $6.00 100.
CHARLES DIETZ, West Hoboken, N. J.

2000 fine field plants of Joost and Mary Wood at $4.00 100.
HENRY DIERS, Sibley, Ill.

Wm. Scott, strong plants. $3.50 100; $30.00 1000. Cash.
WM. BELL, Bayside, L. I., N. Y.

Strong field-grown Joost, $3.00 100, $25.00 1000. Cash. Dann & Son, Westfield, N. Y.

Carnations. Send to us for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Send for descriptive price list.
F. Dorner & Sons Co., La Fayette, Ind.

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REVIEW Classified Advs.

CHRYSANTHEMUMS.

Field-grown chrysanthemums, all the best varieties, ready for 5½ to 8-in. pots, $5.00 to $8.00 100. Cash.
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Cinerarias, 2-in. pots, $2.00 100. Cash.
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Cineraria grandiflora, extra strong, ready for 3½-in., $1.50 100. Cash.
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Cinerarias, 2½ and 3 inch.
Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Finest purple, white, lavender and pink clematis, 2-yr. field-grown, or from 5-in. pots, 18c; 1-yr. field-grown, or from 3-in. pots, 9c. C. paniculata, fine 2-yr. field-grown, 6c. Cash.
W. H. SALTER, Rochester, N. Y.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Balier, Bloomington, Ill.

COLEUS.

Coleus. On account of closing greenhouse for winter I offer 500, S best bedders, 2½ and 3-in., for $5.00.
Mrs. M. Cavanaugh, Ionia, N. Y.

Coleus, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

CRINUMS.

Night-blooming crinum. What cash offer for? Quite a novelty. Flowers are 6 inches and over across; white, with pale pink stripe; sweet-scented and fine for night decorations.
Louis Bosanquet, Fruitland Park, Fla.

CYCLAMEN.

20000 CYCLAMEN PERSICUM SPLENDENS GIGANTEUM. Now ready for immediate shipment a splendid lot of well-budded plants from 3-in. pots, $6.00 100, $50.00 1000; from 2½-in. pots, $4.00 100, $30.00 1000. 250 at 1000 rate.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen giganteum, strong plants, showing buds nicely. They are fine stock. 3-in., $6.00 100. Cash with order.
LOUIS BAUSCHER, Freeport, Ill.

Cyclamen, 3½-in., separate colors, $8.00 100. Cash, please. Converse Greenhouses, Webster, Mass.

Cyclamen giganteum, 3-in., $5.00; 4-in., $10.00 100. S. Whitton, 15-17 Gray ave., Utica, N. Y.

Cyclamen giganteum, fine plants, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

DAISIES.

Daisies. Double Longfellow, pink, extra and Snowball, double white, extra, 50c 100; $5.00 1000.
PETER WENK, Ozone Park, L. I., N. Y.

Snowball, Longfellow, Giant, 50c 100, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

DEUTZIAS.

4000 Deutzia Lemoinei, 1 yr., 2 to 4 branches, 12 to 16 inches, $2.00 100; $15.00 1000. 500 Spirea Anthony Waterer, 1 yr., 8 to 10 inches, bushy, $2.50 100. Cash with order.
GEYER BROS., Rochester, N. Y.

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Dracaena indivisa, 100 2-in., $1.50. Cash.
W. W. Thompson & Sons, Station D, Milwaukee, Wis.

Dracaena indivisa from flats, 50c 100; $4.00 1000. W. Stuppe, Westbury Station, N. Y.

FERNS.

NEPHROLEPIS EXALTATA.

	Each.	Ten.	100.
3-in. pots	$ .05	$0.40	$3.00
4-in. pots	.08	.75	7.00
5-in. pots, Bostoniensis	.22	2.10	
6-in. pots, Bostoniensis	.35	3.20	
7-in. pots, Bostoniensis	.55	5.20	
8-in. pots, Bostoniensis	.80	7.50	
12-in. pans, Bostoniensis	2.00		

W. J. BESSER, Plattsmouth, Neb.

Ferns—I have always a nice collection of ferns, a good variety and nice, bushy stock. 2½-in. pots, $3.00 per 100, $25.00 per 1000; from flats, $1.00 per 100, $9.00 per 1000. Boston ferns, 6-in. pots, 35c each. H. Weston, Hempstead, N. Y.

1500 of the old standby, NEPHROLEPIS EXALTATA. To close them out I offer them at $2.00 per 100; $19.00 per 1000. 100 3-in., Nephrolepis Bostoniensis, $4.00. Cash with order. LEWIS ULLRICH, Tiffin, Ohio.

100 choice ferns, from flats, mailed for $1.25; $10.00 per 1000 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc.
John H. Ley, Good Hope, Washington, D. C.

Boston ferns, extra fine, from pots, $50.00, $75.00, $100.00 and $150.00 100. Seedling ferns, good commercial varieties, $10.00 1000.
JOHN SCOTT, Keap St. Greenhouses, Brooklyn, N. Y.

Ferns for jardinieres, 2¼-in. pots, $3.50 100, $30.00 1000. All the finest varieties, including Aspidium tenssemense in any quantity.
BOBBINK & ATKINS, Rutherford, N. J.

Orders booked now for the new Nephrolepsis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Ferns for fern dishes, etc. Extra strong stock, fine assortment. Let us quote prices on your needs, large or small quantities.
BEARD BROS., 1248 W. Fort st., Detroit, Mich.

Boston ferns, from 3-in. pots, $5.00; 4-in. pots, $10.00; 6-in. pots, $30.00 per 100. Wittboldii, 3-in. pots, $5.00 per 100.
DAVIS BROS., Morrison, Ill.

BOSTON ferns, all sizes. Ferns for fern dishes, 2 and 2½-in., 2½c. Cyrtomium falcatum, 4½-in., 15c; 5-in., 20c.
Crown Point Floral Co., Crown Point, Ind.

FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.
Sunnyside Ferneries, Secaucus, N. J.

BOSTON FERNS. Fine stock, pot grown; 5-in., 6-in., 7-in., at 40c, 50c and 75c. Cash with order.
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1000 finest cool-grown Boston ferns, 5-in., bench-grown, $20.00 100. 500 2½-in. pots, $4.00 100. Cash. H. B. Campbell, Davenport, Iowa.

Mixed ferns, 20 sorts, $3.00 per 100. Satisfaction or your money back. C. F. Baker & Son, Utica, N. Y.

Pteris tremula, fine 3½-in., 400 at $8.00 per 100. Cash. W. W. Thompson & Sons, Station D, Milwaukee, Wis.

Nephrolepis cordata compacta, 2½-in., $2.50; 4-in., $4.00 100. Cash. H. Ernst & Son, Washington, Mo.

Boston ferns, 2½-in. pots, fine stock, $4.00 100. Cash, please, Converse Greenhouses, Webster, Mass.

Boston ferns from bench fit for 4, 5, 6-in. pots $10.00 100. Must have room. Cash.
BYER BROS., Chambersburg, Pa.

30 elegant Bostons, fronds wide and long, perfect specimens, 6-in., 50c each.
Mrs. M. Cavanaugh, Ionia, N. Y.

BOSTON FERNS, 6-in. pans, 40c. Good value. Sample sent for stamps.
H. H. Battles, Newtown Square, Del. Co., Pa.

Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

25 Boston ferns, 8-in. pots, 90c each. Cash.
Livingston Seed Co., Columbus, Ohio.

Boston ferns, 2½-in., $2.50 per 100.
B. L. Nesl, Seguin, Tex.

Boston ferns, fine stock. Write
Geo. A. Kuhl, Pekin, Ill.

FORGET-ME-NOTS.

Forget-me-nots, dwarf, blue Victoria, extra strong, stocky, 50c 100, $4.00 1000.
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Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
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Special price on a surplus of 2-in. pot plants of Heteranthe (double red) and Buchner (double white); some have been topped, but will make fine plants if potted this month into 3s. Price: $1.25 100; $10.00 1,000.
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Rooted cuttings of Heteranthe, S. A. Nutt, Poitevine, Landry, Perkins, Buchner, $1.50 per 100, $12.50 per 1000, $100.00 per 10,000. Jean Viaud and Mme. de Castellane $2.50 per 100. $20.00 per 1000.
ALBERT M. HERR, Lancaster, Pa.

Geraniums. Stock plants, field-grown, strong. Canovas, Richelieu, Bellerophon, Nutt, Perkins, Mme. Brunst, La Favorite, J. M. Garr, G. de France, etc., 10 cents each, $1.00 dozen.
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Special CLEARANCE sale of geraniums. S. A. Nutt, the leading bedder, $1.50 100, $15.00 1000; Perkins, Beaute Poitevine, Riccard, Hill, $2.00 100, $18.00 1000.
BUCKLEY PLANT CO., Springfield, Ill.

300 fine dbl. Nutt, Brunst, Schneider, etc., from 3½-in. pots, $5.00. Also 1000 from ground, best sorts, for $10.00.
Mrs. M. Cavanaugh, Ionia, N. Y.

Geraniums, good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
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Geranium rooted cuttings now ready.
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Some thousands of choice mixed gladioli bulbs and bulblets for sale cheap, now ready. REASON—Change of business. H. A. Catlin, White Sulphur Springs, West Va.

Gladioli bulbs. Thousands of May and Groff's hybrids. P. O. Coblentz, New Madison, Ohio.

Gladioli; cut spikes; 25 sorts; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

HARDY PLANTS.

Special discount of 10 per cent from these low prices for cash with order.
All the stock is field grown except where pots are indicated by size of pot or letter "p," the latter meaning 3½-inch pots:

	Per 100.
800 Achillea, The Pearl, p	$3.00
600 Achillea roseum, p	3.00
500 Adonis vernalis, 2-in. pots	2.00
800 Agrostemma coronaria and Flos Jovis	4.00
500 Anemone sylvestris, p	3.00
800 Anemone J. rubra, p	3.00
200 Apios tuberosa, p	3.00
400 Armeria maritima, p	3.00
100 Artimisia abrotanum, p	3.00
300 Astilbe japonica	4.00
500 Alyssum saxatile, 2-in. pots	3.00
100 Anthemis Kelwayii, p	3.00
200 Aster Novae Anglae, p	3.00
200 Aster alpinus, p	3.00
3000 Aster pyramidalis, p	3.00
1000 Bocconis cordata	4.00
400 Clematis Davidiana, p	3.00
1000 Campanula pyramidalis	4.00
1000 Campanula compacta, 2-in. pots	3.00
800 Coreopsis lanceolata, p	3.00
800 Coreopsis grandiflora, p	3.00
100 Chrysanthemum, hardy	4.00
200 Dianthus May	4.00
800 Digitalis grandiflora, 2-in. pots	3.00
500 Eulalias in variety	4.00
100 Euphorbia corrollata, p	3.00
1500 Funkia lancifolia	4.00
100 Funkia caerulea, p	3.00
100 Gaillardia grandiflora, p	3.00
300 Geranium Ibericum, p	3.00
2000 Geum atrosanguineum	4.00
1000 Helenium autumnale	4.00
1000 Hemerocallis Sieboldii	4.00
300 Heuchera Americana	4.00
300 Iberis sempervirens, 2-in. pots	3.00
2000 Iris germanica, p	3.00
200 Iris pumila, p	3.00
2000 Lychnis chalcedonica	4.00
200 Monarda didyma	4.00
500 Platycodon grandiflorum, p	3.00
1500 Pardanthus sinensis	3.00
1000 Penstemon, assorted	4.00
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5000 Herbaceous phloxes in variety	4.00
1200 Physostegia virginisna	4.00
1000 Pyrethrum roseum	4.00
500 Rudbeckia Golden Glow	4.00
1200 Rudbeckia Newmanii	3.00
200 Salvia pratensis	4.00
100 Tradescantia virginica, p	3.00
500 Veronica officinalis, p	3.00
100 Barberis vulgaris	6.00
1000 California privet, 2 ft	3.00
500 Spiraea Anthony Waterer, p	3.00

An additional discount of 5 per cent will be allowed on orders amounting to $100.00 or more, making a total of 15 per cent where orders for $100.00 or more are accompanied by cash. Address orders and remittances to
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Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.

We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
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We offer to the trade a large and varied collection of the best HARDY PERENNIAL PLANTS, and we also make a specialty of our best native shrubs, both collected and nursery-grown. Our trade list for 1902-3 is now ready and will be mailed on application.
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Hibiscus, 5-in., to close out, $1.50 doz.
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5000 hollyhocks from seed, double white, yellow, pink and red; fine plants, ready now, $1.00 100. GEO. ENGEL, Xenia, Ohio.

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Japan gold-leaf honeysuckle, well-rooted layers, 5c. W. H. Salter, Rochester, N. Y.

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The largest and finest standards of Hydrangea Paniculata Grandiflora in the country at reasonable rates. Splendid standards of Forsythias and Weeping Lilacs, all in true tree form and carefully staked. Immense blocks of Spiraea Anthony Waterer, S. trilobata, Viburnum tomentosum and all the fine shrubs on the market.
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Hardy English Ivy, 2¼-in., $2.00 100.
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Lantanas, 10 varieties, 2¼-in., $2.00 100.
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Fancy cut valley at Chicago market prices. Fine pips from cold storage, $1.50 100; $13.00 1000. H. N. Bruns, 1409 W. Madison st., Chicago.

The finest cut valley—no better to be had—$5.00 per 100. Medium grades also.
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English Milltrack mushroom spawn from a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

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Narcissus paper white grandiflora, $1.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

Large double, light pink paeonies, $5.00 per 100; for other varieties write
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PALMS. Largest and hardiest grown stock, in all sizes and varieties, at greatly reduced prices. Send for catalogue.
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Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots, 75c. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

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Roemer's superb PRIZE pansies—the world's best—strong, stocky plants, mixed colors, by mail, 75c 100; by express, $4.00 1000, $7.00 2000, $10.00 3000, $25.00 10,000. Cash.
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Pansies. White's celebrated "AMERICAN SHOW" strain. Nothing as good in the country. Never before offered from seed bed. Fine plants, 75c 100, $5.00 1000. Cash.
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Herr's Pansies are good pansies—the kind that brings money when they come into bloom. Free by mail, 75c per 100; by express, at your expense, $4.00 per 1000.
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Primroses—Chinese, 3-in., $3.00; 3¼-in., $5.00 100. Obconica, 2¼-in., $2.00 100 (300 for $5.00); 3-in., $3.00 100 (200 for $5.00); 3½-in., ready for 5-in., $5.00 100.
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Resurrection plants.	100	1000
12-14 in. circum.	$2.00	$15.00
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Rose plants, extra fine, for winter bloom.

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1500 Golden Gates, 3-in.	$5.00	$40.00
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This stock is in fine growing condition and will satisfy the most critical buyer. Cash with order. S. ALFRED BAUR, Erie, Pa.

Jacqueminot, Coq. des Blanches, La Reine, Queen of Prairie, Crimson Rambler, C. Soupert, etc., 2-yr. field-grown, or on own roots, 10c; 2d size, 6c. C. Soupert, 5-in. pot plants, clean foliage, full of bud and bloom, 18c.
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Roses, fine, strong plants.	100.	1000.
3-in Brides and Golden Gates.	$4 00	$35.00
3-in. Meteors	2.50	20.00
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Roses ready for planting, good, heavy stock: Perles, Brides, Maids, Gates, Woottons, 3-in., $5.00 per 100; 4-in., $6.00 100.
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ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
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3000 Crimson Ramblers, $9.00 to $12.00 per 100. Chas. Lenker, Freeport, L. I., N. Y.

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Ficus elastica, 18 to 24-in. high, 6-in. pots, $4.00 and $5.00 doz.
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Salvia Silver Spot, 2¼-in., $2.00 100.
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Chinese primrose, large-flowering fringed, single and double, 15 varieties; mixed, 500 seeds, $1.00; half pkt., 50c. Pansy, finest, giants, large-flowering; mixed, 5000 seeds, $1.00; half pkt., 50c. Cineraria, large-flowering dwarf; mixed, 1000 seeds, 50c. Cyclamen giganteum, giant-flowering varieties in best mixture, 200 seeds, $1.00; half pkt., 50c. Cash.
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Pansy seed, Ne plus ultra stralo, $4.00 oz. Cash. Jos. H. Cunningham, Delaware, Ohio.

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Smilax, strong and bushy, 2-in., $1.00 100, $9.00 1000; 3-in., $2.50 100, $20.00 1000. Cash, please. Samples 10c. R. Kilbourn, Clinton, N. Y.

25,000 extra strong smilax plants, 2¼-in., ready for planting, $1.00 100, $8.00 1000.
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1500 2-in. smilax. To close out at $1.50 per 100 or $20.00 for the lot. Strong plants.
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4,000 strong 2-in. smilax, $32.00 the lot, or $9.00 1000, $5.00 for 500. Must have the room.
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W. Stuppe, Westbury Station, N. Y.

Smilax, strong plants, $1.50 per 100.
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Smilax, strong, 3-in., $3.00 100.
EVENDEN BROS., Williamsport, Pa.

Smilax, good, 2½-in., $2.00 100.
Harry White, R. R. No. 6, Wabash, Ind.

Smilax, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

For elegant smilax, write
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Swainsona alba, 2¼-in., $2.00 100. Cash.
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Cyperus alternifolius, 6-in., fine plants, $2.50 doz., $20.00 100. H. H. Bttlaes, Newtown Square, Del Co., Pa.

Cyperus alternifolius, outdoor-grown, 3-in., ready for a shift, $4.00 100. N. Smith & Son, Adrian, Mich.

Umbrella plants, 2½-in., fine plants, 10 to 12 inches high, $3.00 100.
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A few fine Cyperus alternifolius left, 3-in. $4.00 per 100. W. W. Dedrick, Ashley, Ind.

Umbrella plants, 2-in., strong, $1.50 100. Cash. Byer Bros., Chamberaburg, Pa.

Umbrella plants, from flats, $1.00 100.
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Umbrella plants, 4-in., $4.00 100. Cash.
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Celery, strong transplanted stock, $1.00 1000, just to close out. Larger lots cheaper yet. Write us if you have room for any. W. Plume, G. Self-blanching and Golden Heart. R. Kilbourn, Clinton, N. Y.

VEGETABLE PLANTS. All vegetable plants in their season, by the 100, 1000 or 10,000.
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Grand Rapids lettuce plants, 15c 100; strong plants. D. W. Walter, Masaillon, O.

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Moss-curled parsley, fine roots, 50c 100.
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Lemon verbenas, 2¼-in., $2.00 100. Cash.
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Vincas. 8000 extra field-grown vines, $4.00 100; $7.00 200; $15.00 500. Rooted tips, better than rooted cuttings, 75c per 100; $5.00 per 1000. Cash or C. O. D. W. J. Engle, R. D. No. 8, Dayton, O.

Vinca var., strong field-grown, $3.00 100; $25.00 1000. Cash. Dann & Son, Westfield, N. Y.

Vincas. Large field-grown plants, nicely bunched, fine runners, $4.00 per 100.
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3000 Vinca variegata, fine plants from field, $5.00 100; $40.00 1000.
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5000 Lady Hume Campbell clumps, field-grown. I can ship you the best and nothing but the best. My clumps are extra fine, clean and healthy. Cash price, $3.00 per 100. California, 3-in., $2.00 per 100. By the violet grower, A. B. CAMPBELL, Cochranville, Pa.

Healthy field-grown Campbell violets now ready. No. 1, $3.00 per 100, $25.00 per 1000; No. 2, good plants, $1.50 per 100, $13.00 per 1000. Packed to carry safely. Cash with order from unknown parties.
CHAS. BLACK, Hightstown, N. J.

10,000 violet plants, 3000 Farquhar and 7000 Lady Campbell, strong, field-grown clumps, clean and healthy. $5.00 100; $45.00 1000.
HERM. BOWMAN, Box 404, White Plains, N. Y.

Violets. Fine, large field clumps of hardy English (dbl. dark blue), $1.75 per doz., $10.00 per 100. 2000 each of Marie Louise and Campbell, 3-in. pots, $3.00 per 100.
GEO. ENGEL, Xenia, Ohio.

Princess of Wales and Lady Campbell violet plants. Strong, field-grown clumps from sand struck cuttings, ready September 1. $5.00 per 100, $40.00 per 1000. Samples, 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Marie Louise, Campbell and Swanley White, 2½-in., strong, $3.00 100, $25.00 1000. California, field clumps, $3.00 100, $25.00 1000. All fit to bench now. Cash.
Benj. Connell, West Grove, Pa.

Imperial, M. Louise and Swanley White violets, 3-in., $3.75 100; $35.00 1,000. Campbell, $3.50 100, $30.00 1,000. Field-grown Imperial, $3.50 100. Crabb & Hunter, Grand Rapids, Mich.

Grand Rapids violets. Field-grown Lady Campbell and Swanley White at $4.00 100, $35.00 1000. Sample 10c. Cash with order.
ELI CROSS, Grand Rapids, Mich.

Marie Louise, good, clean stock. Young plants from soil (would fill 3 to 4-in. pot), $2.50 100, $25.00 1000. Cash, please.
R. Kilbourn, Clinton, N. Y.

Marie Louise violets, in 3½ and 4-in. pots, $3.50 100. Vinca variegata, field-grown plants, ready for 4-in. pots, $4.00 100.
Russell Davis, Xenia, O.

Violets, California, extra strong, healthy, field-grown clumps, $4.50 per 100. Cash. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

Large field-grown clumps of Campbell, Imperial, Princess of Wales, California, $5.00 100, $45.00 1000. J. C. SCHMIDT, Bristol, Pa.

Farquhar violets, free from disease, 2½-in. pots, $3.00 per 100. Cash. Chas. H. Green, Spencer, Mass.

400 fine, healthy Lady Campbell and 50 California violets, field-grown, $3.00 per 100.
EDW. AMERPOHL, Janesville, Wis.

MARIE LOUISE violets, fine, healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Strong field-grown M. Louise, $5.00 100. Cash with order.
I. N. KRAMER & SON, Cedar Rapids, Iowa.

Fine, healthy violet plants from field, $4.00 100, $35.00 1000.
C. C. POLLWORTH CO., Milwaukee, Wis.

Lady Campbell violets, field-grown, $4.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

500 field-grown Marie Louise violets, fine, clean plants, 5c. J. J. Lampert, Xenia, Ohio.

L. Campbell, 2-in., strong, $2.00 100. Cash.
Byer Bros., Chamberaburg, Pa.

MISCELLANEOUS.

Four large pink oleanders, bush form, 7 ft. high, 5 ft. wide, in bud and bloom. Write for prices.

Large stock plants of salvias, ageratum Stella Gurney, and coleus, assorted, 10c each, $8.00 100.

Tamarix in two varieties, 4-5 feet., best shrubbery for florists, graceful in design work, 10c each, $8.00 100.

Tarragon, large field-grown clumps, useful bouquet green as well as a seasoning herb, 5c each. Cash, please.
C. M. HEMALA, Buckley, Ill.

TO EXCHANGE.

To exchange or for sale. 100.
Latania Borbonica, 18-20, 4-in. $15.00
Boston ferns, 4-in. 12.00
Rubbers, 5 to 6 in., $3.50 and $4.50 per doz.
Cannas, 10 varieties, prices on application.
GEO. JUST, Jacksonville, Fla.

To Exchange—We have some extra fine Flora Hill and Daybreak carnation plants. Will sell or exchange for anything we can use. What have you? Will send a sample plant.
Horton & Arlin, Clyde, O.

To Exchange—Some fine field-grown chrysanthemums, and 2½-in. umbrella plants to exchange for roses, carnations, palms, bulbs, etc.
W. L. Thomas & Son, Augusta, Ky.

To Exchange—250 good Crocker for Hill or Glacier. L. Pope & Son, Barnshoro, N. J.

To Exchange—See my displayed adv.
Joseph Heinl, Jacksonville, Ill.

WANTED.

Wanted—At once, 500 well-grown Dracaena indivisa, 4 to 6-in. pots; give price. Lakewood Cemetery Greenhouse, Minneapolis, Minn.

Wanted—To contract for a regular supply of cut roses. J. J. Lampert, Xenia, Ohio.

BABY GREENHOUSES.

Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express. 16 and 18 lbs.
SIEBRECHT & SON, New Rochelle, N. Y.

BAMBOOS.

Thirty-two distinct varieties of BAMBOOS, from 6-inch pots up to large specimens in tubs, 8 to 10 feet high. Prices reasonable. Beautiful ornamental stock. Write for prices to
J. H. TROY, New Rochelle, N. Y.

BIRD SEED.

Bird seed and bird food, tonics and medicines. Agent for Spratt's patent remedies. Send for catalogue. Prices the lowest in the market.
A. G. Henning, 62 Cortlandt St., New York.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

DECORATIVE MATERIAL.

Fancy and Dagger ferns, $1.00 per 1000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

SEMINOLE SPECIALTIES—Prepared Palm and Cycas Leaves—Green Palm Leaves, Trunks and Crowns—Spanish Moss-Needle Pines—Fresh Cut Cycas Leaves.
SEMINOLE PALM CO., Haines City, Fla.

Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Millington, Mass.

Fancy and Dagger ferns, wild smilax, evergreens, mosses, holly, etc. Low prices. Garland Evergreen Co., Garland, Ala.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 West 28th St., New York.

For hardy cut Fancy and Dagger ferns, mosses, laurel, etc., write H. J. Smith, Hinsdale, Mass.

Wild smilax, needle pines, magnolia leaves, etc. Orders filled promptly.
JOHN S. COLLINS, Geneva, Ala.

For southern wild smilax, write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
McKELLAR & WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

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Bone Meal, best for roses and carnations, at $3.50 per 200 lb. bag, or $32.50 per ton.
ALBERT M. HERR, Lancaster, Pa.

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Wax Flowers and Wax Floral Designs.
J. Stern, 1928 Germantown Ave., Phila., Pa.

FLORISTS' LETTERS.

Krick's florists' letters, emblems, designs, etc. Give them a trial. Best on the market.
W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GREEN GALAX LEAVES, postage prepaid, 75c per 1000. H. H. Hill, Victoria, Macon Co., North Carolina.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GLASS, ETC.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass.
WHEELER-STENZEL CO.,
30 Sudbury St., Boston, Mass.

Florists' Specialties in Glass, Paint and Putty. Instructive advertising free for the asking. Write JOHN LUCAS & CO., Philadelphia, Pa.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

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HOSE.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Fostite, the standard remedy for mildew and black rot on roses, carnation rust, etc., $2.50 for 25-lb. box.
C. H. JOOSTEN, 178 Greenwich St., N. Y.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

Tobacco stems, fresh and strong, bale of 300 lbs., $1.50. W. C. Beckert, Allegheny, Pa.

PAINT AND PUTTY.

GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

TIN FOIL.

American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Brucn Mfg. Co., 208 Jersey St., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

KANSAS CITY, MO.

September 28 we enjoyed the first sunshine for a week. Six consecutive days of rain was enough to drown everything except funeral work; of that there has been an extraordinary amount the past week. Some few decorations were reported. The first chrysanthemums have arrived from Chicago, but they made a rather poor appearance. Climatic conditions make mums from one to two weeks later in this locality than in the east and north, and while some growers have them about ready to cut, Barbe is the only man that has them ready to cut now, and these only the very earliest.

Carnations are coming in slowly and range in quality from good at $1.50 to trash not worth selling, but which is sold, nevertheless, from lack of something better. Saturday at 11 a. m. Sam Murray put on exhibition a bunch of Enchantress. It was well advertised in the city papers and attracted considerable attention. The retailers who saw it were mostly of the opinion that the shade of pink was too light, admitting, however, that the flower was something fine in other respects. Plenty of good roses are coming in, Kellogg furnishing the bulk of the stock.

Miss J. E. Murray has removed her store from the Midland hotel to two doors off Eleventh street, on Main. This is one of the finest locations in the city, being in the heart of the business center, and a fine business there is predicted for Miss Murray.

Newell reports having had on Saturday one of the heaviest days in funeral work since he has been in business here.

Rock has completed the redecorating of his store and also his conservatory, making him one of the finest stores in the west.

Convention Hall, where the show will be held next month, was thrown open to the public for inspection last Friday night; $40,000 has been spent on the building this summer, and when the florists arrive to attend the show they will find the great hall will be in harmony with the greatest all-American flower show ever given.

J. H. Vesey.

TARRYTOWN, N. Y.

At the regular monthly meeting of the Tarrytown Horticultural Society, held September 25, Messrs. George Legg and Charles Eddison were elected to honorary membership and Homer Hitchcock, Tarrytown, to active membership. Mr. Schrader, gardener for J. D. Rockefeller, was proposed for active membership.

A large and splendid display of dahlias was a feature of the meeting and the following were awarded honorable mention for their exhibits: L. A. Martin, Greenwich, Conn.; David McFarland, Scarborough; F. R. Pierson Co. and Thomas Cockburn, Tarrytown.

Mr. L. A. Martin read an essay on dahlias and it was discussed by Messrs. Mooney, Cockburn, Gibson, McFarland, Pierson and Scott. A hearty vote of thanks was given Mr. Martin.

Mr. Harry Bunyard, of the New York Florists' Club, was present and invited all members to visit the club's exhibition to be held in New York October 30 to November 6.

Schedules of the annual exhibition to be held in Tarrytown November 11, 12 and 13 are now ready and can be had of the secretary, E. W. Neubrand, Tarrytown, N. Y.

H. J. Rayner, Cor. Sec.

NEW HAVEN, CONN.

The second annual exhibition of the New Haven County Horticultural Society will be held November 11, 12 and 13 in the new Music Hall, this city. The schedule of prizes may be had upon application to the secretary, Mr. Thomas Pettit, 316 Orange St. The majority of the classes are open and fairly good prizes are offered. It is believed that the exhibition will be the best ever held in this state. Messrs. Patrick O'Mara, New York, F. L. Atkins, Rutherford, N. J., and Mr. Wirth, Hartford, Conn., will act as judges.

The society is steadily growing in membership and we are pleased to state that our wealthy citizens are supporting us by giving numerous special prizes. It is therefore up to the members of the craft to make the exhibition deserving of this support. John Doughty.

We have an overstock of some sizes of Greenhouse glass. Write for prices.
Cleveland Window Glass Co
Cleveland Ohio

Stumpp & Walter Co

Ferns in Flats

FOR FERN DISHES.

The most advantageous way to buy in a stock of Ferns at a little cost. Each flat contains 110 clumps of small plants, which can be divided in 3 to 5 plants accordingly, all ready for potting. We can furnish these ferns, grown separately, each flat containing any one of the following sorts, ferns all good salable varieties: **Pteris Wimsetti, Pteris Gilbertii, Pteris Magnifica, Pteris Serrulata, Pteris Chrysoloba, Pteris Cretica Albo-Lineata, Pteris Adiantoides, Pteris Mayii, Adiantum Cuneatum, Aspidium Tensimense, or mixed, PRICE, $2.00 PER FLAT.**

STUMPP & WALTER CO., 50 BARCLAY STREET, **BRANCH STORE: 404 E. 34th Street.** **NEW YORK.**

Mention The Review when you write.

THE BEST VARIEGATED FOLIAGE PLANT to-day is **PANDANUS VEITCHII.**

Fine plants, 6-inch pots, **$12.00** a dozen. Also larger sizes at **$1.50** and **$2.00** each.

JOHN WELSH YOUNG, GERMANTOWN, Upsal Station, Penna R. R. Philadelphia, Pa.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Buffalo, October 1.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	12.50 to 15.00
" No. 1	8.00 to 10.00
" Shorts	2.00 to 4.00
Brides and Maids, Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnots	3.00 to 8.00
Cusins	2.00 to 6.00
Golden Gates	2.00 to 6.00
Kaiserins	2.00 to 8.00
Liberty	2.00 to 10.00
Meteors	2.00 to 6.00
Morgans	2.00 to 6.00
Gontiers	2.00 to 3.00
Perles	3.00 to 5.00
Sunrise	3.00 to 5.00
Cattleyas	40.00 to 50.00
Carnations, Commons	.50 to .75
" Selects	1.00 to 1.50
" Fancies	2.00 to 2.50
Adiantum cuneatum	.60 to 1.25
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 1.50
Asparagus Sprengeri, Sprays	1.00 to 1.50
Asters	.50 to 1.50
Callas	8.00 to 10.00
Chrysanthemums, ordinary	10.00 to 15.00
Dahlias	.50 to 2.00
Gladiolus	1.00 to 2.50
Speciosum lilies	2.00 to 4.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Sweet peas, per bunch	.05 to .10
Tuberoses	.75 to 1.00
Violets, ordinary	.50 to .75

Galax, per 1000, $100 to $2.00
Common ferns, per 1000, $1.00 to $1.50
Cosmos, per bunch, 25c to 50c.

RICHMOND, VA.

The stores are shining up things while the greenhouses are being made air-tight for another season.

Although near the soft coal, some of us were caught with empty bins and are giving the question some thought. Nobody about here likely to be hurt much, however, except in cutting down profits some.

Mann & Brown have put in a new steam boiler and will heat a part of their range that way, and eventually get all steam on. They have completed some new houses. Hammond has also finished some new houses, and likewise Whitty.

Mosmiller is going into a new and handsome store on Upper Main street. It is said that one of the largest growers hereabouts will ship North this season. The Louise violet grower has been heard from and "violets and partridges" have come here together this season—a little early. O.

Palms and Decorative Plants

A large and complete stock of all the leading varieties in the best possible condition, from 2½-inch to fine perfect specimens in 10-inch pots.

Now is the time to order as I can supply better stock and they can be shipped by freight.

For a full description as to prices, sizes, etc., send for Price List.

LEMUEL BALL, Wissinoming, Phila., Pa.

Mention The Review when you write.

Asparagus Sprengeri.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

BEGONIA REX—Best named varieties. Special price to make room, from 2½-inch pots, $4.00 per 100.

BEGONIA INCARNATA—The most useful begonia for Winter-flowering, 3-inch pots, $8.00 per 100.

CAREX JAP. VARIEGATA—A very useful decorative grass, from 2¼ inch pots, $2.50 per 100.

CYPERUS ALTERNIFOLIUS — Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100.

DOUBLE SWEET ALYSSUM—Do not forget this useful flower. Strong bushy plants from 3-inch pots, $4.00 per 100.

VIOLETS — CALIFORNIA — Field-grown, second size, $3.00 per 100.

PRIMROSES. (Chinese) — After several years of careful tests, we are now able to offer stock from the finest imported seed. Can guarantee satisfaction. From 3-inch pots, in white, light pink, scarlet and blue, $5.00 per 100.

NATHAN SMITH & SON

ADRIAN, MICH.

Mention The Review when you write.

YOU OUGHT TO TRY

100 of our Geraniums that have been bedded in the shelf. They are equal to 4 or 5-inch pot plants. We pack them light and careful at **$3.75** per 100, until sold.

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

..GERANIUMS..

Good Assortment, Standard Varieties, from 2¼-in. pots, $2.00 per 100.

	100
Giant Double Alyssum, 2¼-inch pots	$2.00
Dwarf " " 2¼-inch pots	2.00
Hardy English Ivy, 2¼-inch pots	2.00
Swainsonia Alba, 2¼-inch pots	2.00
Baby Primrose, 2¼-inch pots	2.00
Lemon Verbena, 2¼-inch pots	2.50
Ageratums—Stella Gurney and Dwarf White, 2¼-inch pots	2.00
Abutilon, in variety, 2¼-inch pots	2.50
Alternanthera, in variety, 2¼-inch pots	2.00
Coleus, in variety, 2¼-inch pots	2.00
Lantana, 10 varieties, 2¼-inch pots	2.00
Smilax, 2¼-inch pots	2.00
Salvia Silver Spot, 2¼-inch pots	2.00

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

PRIMULAS,

Chinese Primroses,

in assorted colors, **$2.00** per 100, fine plants.

ASPARAGUS PLUMOSUS, 2-inch pots, at **$3.00** per 100; **$25.00** per 1000.

PHRYNIUM VARIEGATUM, out of 4-inch pots, at **$15.00** per 100.

UMBRELLA PLANTS, out of 4-inch pots, at **$4.00** per 100.

ARECA LUTESCENS, fine stocky plants, out of 7-inch pots, at only **75c** each.

Cash with order.

The Livingston Seed Co., Columbus, O.

Box 104.

The Florists' Hail Association

has paid over **$53,000** for glass broken by hail during the past 15 years. For particulars

Address JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Special Offers

to make room for incoming stock.
Quality of stock the **BEST.** Prices **SMALL.**
Bulbs **LARGE.**
25 at 100 rates; 200 at 1000 rates.

HYACINTHS.

	100	1000
French Roman White, 11x13	$2.00	$18.00
" " " 12x15	2.25	22.00
Dutch Hyacinths in white, blue, rose and red separate, 15 centim. up	2.50	24.00
White Italian, reds Rinned	2.25	21.50

NARCISSUS.

	100	1000
Paper White true grandiflora	$1.00	$8.50
Mammoth, 13 centim. up	.90	8.00
Trumpet Major, French, forces earliest	1.00	9.00
Von Sion, Extra Mammoth, dble. nosed	2.00	18.00
Von Sion, fine large top bulbs, many double nosed	1.75	15.00

Our $10.00 COLLECTION OF BULBS.

We will send for $10.00 the followiug:

100 French White Roman Hyacinths, 12x15 centimeters.
100 Dutch Hyacinths, separate colors, white, blue, rose and red, large fine bulbs, 15 centimeters up.
100 Paper White Grandiflora.
100 Von Sion, double flowered or 50 Japan Lil. Longiflorum, 7x9.
100 Tulips—La Reine.
100 " Belle Alliance.
100 " Keizerskroon.
100 " Yellow Prince.

Or half of above quantity for $5.00.

TULIPS.

A few Leaders — Florists' Favorites.

	100	1000
La Belle Alliance	$1.25	$11.50
La Reine	.75	6.50
Keizerskroon	1.00	9.00
Yellow Prince	.90	8.50

LILIUM HARRISII.

CALLA ETHIOPICA.

Magnificent Bulbs. Large, strong, center shoots.

	12	100	1000
4x5 inch circumference	$ .60	$4.50	$40.00
4x6 " "	.75	5.25	50.00
5x7 " "	1.00	7.00	65.00
Monster Bulbs	1.50	10.00	

LILIES.

LIL. HARRISII

We have a late shipment of a few thousand 7x9 bulbs in **finest condition,** which we are trying to sell off at **growers' price.** Sure to make money. Lil. Harrisii, 7x9, 100, $8.00. Case of 200, $15.00. 1000, $70.00.

DO NOT MISS THIS CHANCE.

Lil. Candidum. Want to **clear out** a fine lot of **strong, sound bulbs,** 18 centi. up, at 100, $4.00; 1000, $35.00.

Lil. Longiflorum, Japan grown. Same **RELIABLE STOCK** we have given florists for **20** years.

	12	100	1000
5x7 inch circumference	$ .30	$1.80	$17.50
6x8 " "	.40	2.50	23.00
7x9 " "	.50	3.75	35.00
9x10 " "	.85	6.00	57.50
10x11 " "	1.00	9.00	80.00

Longiflorum Multiflorum, 2 weeks earlier —20 to 25 per cent. higher than Longiflorum.

SEEDS.

Just received fresh from **Australia, 1902** crop of **Kentia Seed.**

KENTIA Belmoreana or **Kentia Forsteriana,** 100 seeds, 50c; 1000 seeds, $3.50; 5000 seeds, $15.00.

ASPARAGUS Sprengeri seed, fresh 1902 crop. 100 seeds, 25c; 1000 seeds, $1.50.

SWEET PEA seed. Best California grown. All the choicest **florists' sorts,** 25c a lb.; oz., 5c; ¼ lb., 10c. Mixed varieties, 1 lb., 25c; 5 lbs., $1.00.

All other SEASONABLE SEEDS.

Send for our new list **1902-3. Interesting Novelties.** Address —

H. H. BERGER & CO., 47 BARCLAY ST., NEW YORK.

Mention The Review when you write.

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING, L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen Mfg. Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. THORNE.

LA FAYETTE, IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.
Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. DORNER & SONS CO.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO. (Inc.)

208 Jersey Street,

HARRISON, · NEW JERSEY.

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Glazing Points are the best. No rights or lefts. Sox of 1,000 points 75 cts. postpeid.
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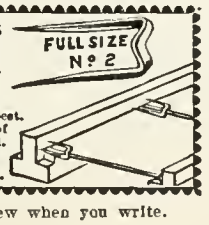

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Owing to the scarcity of space in the Boston Flower Market for handling my enormous stock of **Chrysanthemum Cut Blooms** I wish to state to my patrons, and others, that during the season I can ship blooms direct from Boston and Cliftondale. This will be a great help to parties who cannot come or carry them from the Market.

I have the largest and by far the finest stock in New England. I shall cut about **75,000 First-Class Blooms.** For further particulars address

WM. SIM, Stall 21, Park St., Flower Market, BOSTON,
OR CLIFTONDALE, MASS.

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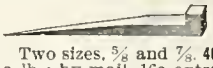

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Two sizes, ⅝ and ⅞. 40c a lb.; by mail, 16c extra. 7 lbs. for $2.50; 15 lbs. for $5.00, by express.

Over 6,000 lbs. now in use. For sale by seedsmen or

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WHY PAY MORE? I offer for cash with order:

Mixed Single Dutch Hyacinths For forcing or bedding. Separate colors. Red and blue, per 1000, $22.00; white, per 1000, $23.00.

Dutch Roman or Miniature Hyacinths The scarcity, high price, and unhealthy condition of French Roman Hyacinths make the Miniature Dutch Hyacinth a desirable substitute. **Leading named sorts for forcing;** white, per 1000, $17.50; red and blue, $15.00. **In select mixture,** separate colors: white, per 1000, $16.50; red and blue, $14.00. All colors mixed, per 1000, $14.00.

Narcissus Von Sion, double headed, $17.00; Von Sion, first size, $12.00. Narcissus Poeticus, $3.00.

Tulips Duc van Thol, scarlet, $9.00; Duc van Thol, double red and yellow, $6.00; Duchesse de Parma, $6.50; Keizerskroon, $10.00; Rachel Ruisch, $8.00; Yellow Prince, $9.00; La Candeur, $8.00; Tournesol red and yellow, $10.00.

French Bulbs White Roman Hyacinths, 12-15, $23.50. Paper White Narcissus Grandiflora, large bulbs, 1000 in case, $8.50. Freesias, mammoth bulbs, $9.00. Freesias, 1st size, $7.50. Lilium Candidum, extra large, $50.00.

Fostite The standard remedy for Mildew and Black Rot on Roses, Carnation Rust, etc. Per box, 25 lbs., $2.50.

SPECIAL OFFER for OCTOBER DELIVERY

Only Limited Quantity.

American Roses on Own Roots.
Two-year, field-grown. Strong Magna Charta, Coquette des Alpes, Perle des Blanches, per 100, $12.00; 500 La France, per 100, $15.00.

Import Orders booked for strong field-grown **American Beauties, Hermosa, Crimson Ramblers,** and leading Holland Roses for forcing and potting.

Hydrangeas, Azaleas, Rhododendrons, Clematis, etc., from the **Boskoop Holland Nursery Association.** Catalog on application.

C. H. JOOSTEN, Importer, 178 CHAMBERS STREET, NEW YORK.

500 at the rate per 1000. For less than 500 add 10 per cent.

Wholesale Cut Flower Prices.

Detroit, October 1.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	10.00 to 20.00
" Shorts	5.00 to 8.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	3.00
Golden Gates	3.00 to 6.00
Kaiserins	3.00 to 8.00
Meteors	3.00 to 6.00
Perles	3.00 to 6.00
Sunrise	3.00 to 6.00
Carnations, Commons	.50 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.00 to 2.50
Asparagus plumosus, Strings	50.00 to 75.00
Dahlias	3.00
Harrisii lilies	12.50 to 15.00
Valley	5.00
Smilax	12.50 to 15.00
Violets, Extra	.50 to .75

Galax, per 1000, $1.50.
Common ferns, per 1000, $1.00.
Wild smilax, large case, 6.00.
" small case, 3.00.

The incessant rains of last week have put the asters out of the market. Very few if any are putting in an appearance. Roses are good. Meteors are coming a little short stemmed, but color is excellent. Brides have mostly all got a touch of mildew. Maids are better and of good color. Gates are good, but do not find too ready a market. Beauties are way short of demand. In fact the market is short this week all along the line. Carnations are snapped up as fast as they appear. Any color goes. Mums are few. Dahlias, snapdragons, begonias, zinnias, etc., from open ground are being brought in to relieve the scarcity of other stock, which will last till mums come in and give the funeral design worker material for ground work.

DILGER.

Cincinnati, October 1.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	12.50 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Extra	5.00
" " No. 1	3.00 to 4.00
" " No. 2	1.00 to 2.00
Cusins	2.00 to 3.00
Golden Gates	2.00 to 4.00
Liberty	2.00 to 4.00
Meteors	2.00 to 4.00
Perles	2.00 to 3.00
Carnations, Commons, white	1.00 to 1.50
" " pink	.75 to 1.00
" " red	.50 to 1.00
" Fancies	1.50 to 3.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus	50.00
Asparagus Sprengeri	25.00 to 35.00
Valley	4.00
Chrysanthemums, Ordinary	8.00 to 10.00
Violets, Ordinary	.35 to .50

Cosmos, 25c to 35c per bunch.

Smilax	12.50 to 15.00
Galax, per 1000, $1.00	.15
Leucothoe	.50
Common Ferns	.15

Demand is increasing faster than the supply. In roses American Beauty heads the list, and of select stock in specials there are scarcely any to be had. Many more could easily be used. There are more firsts, but scarcely more than enough to fill regular orders. In shorter stems many more are coming in and find a ready sale when they are of good quality. In other roses, Brides, Bridesmaids, Golden Gates, Liberties, Meteors, etc., there are very few specials, and firsts, too, are scarce, the majority of stock being confined to rather short-stemmed ones with small buds and poor colors. There are a goodly number of these with the exception of white, which are scarce in all grades. A few ivory are seen now and then, and from present indications, this rose is going to be a winner.

BOSTON FERNS

Extra fine, **from pots,** cool grown, very bushy, **good plants,** in any quantity. $50.00, $75.00, $100.00, $150.00 per 100. Stock ready for immediate decorative purposes.

Seedling Ferns,

Good commercial varieties, $10.00 per 1000.

FERNS in pots, $3.50 per 100; $30.00 per 1000.
For September delivery only.

FICUS, 30c, 40c and 50c.
Extra good value, well established.

JOHN SCOTT, Brooklyn, N. Y.

TELEPHONE No. 1207 WILLIAMSBURG.

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Michigan Seed Co.

WHOLESALE GROWERS
GLADIOLUS, DAHLIA and CANNA
Bulbs and Flower Seeds.
SOUTH HAVEN, MICHIGAN.

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Asparagus Plumosus!

Fine strong 3-in. plants, ready for a shift, $5.00 per 100.

VAN WERT GREENHOUSES
VAN WERT, OHIO.

Mention The Review when you write.

Many roses are mildewed at present, but not nearly so many as one would expect, as the weather has been especially trying to rose plants.

The supply of carnations is beginning to increase, but many more could be used. White ones are scarce, also good red. Pink are in better supply. There are scarcely enough of any grade to meet the demand. Chrysanthemums are beginning to come, but they are still very uncertain. A few violets also are making their appearance, and some very good ones will be in shortly. They come from the mountains of Virginia. Asters are very near the end of the crop and are mostly very poor in quality.

C. J. O.

FERNS. TO MAKE ROOM, NOTE REDUCTION.
Neph. Cordata Com., 2½-inch, strong $2.50 per 100; 4-inch, $4.00 per 100.
Asparagus Sprengeri, 4-inch, $4.50 per 100; 2½-in., $2.50 per 100.
Asparagus Plumosus, 2½-inch, $2.50 per 100.
New Double Begonia Semperflorens, 3-inch, $3.00 per 100. Roses in variety, 2½-inch, $2.50 per 100; 3-in., $4.00 per 100. Order quick with cash.
HENRY ERNST & SON, Washington, Mo.

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Palms Home Grown, Fine Clean Stock, Grown Cool.

J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.

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For Fall Planting—Large-Flowered Clematis. Finest purple, white, lavender and pink sorts, 2 years fine field-grown or from 5-inch pots, at 18c; 1 year fine field-grown or from 3-inch pots, 9c. Clematis Paniculata fine 2 year field-grown plants, 6c. **Roses**—Gen. Jacqueminot, Coquette des Blanches, La Reine, Queen of the Prairie, Crimson Rambler, Clothilde Soupert, etc., 2 year fine field-grown on own roots 11c; second size, 6c. **Hydrangea P. G.**—nice plants, 8c; well rooted layers, 2c. Japan Gold Leaf Honeysuckle, well rooted layers, 5c. Packing free for Cash.
W. H. SALTER, Rochester, N. Y.

Always mention the Florists' Review when writing advertisers.

CHICAGO.

Market conditions are noted in connection with the cut flower quotations elsewhere.

The weather has continued wet and generally cool and though there has been no frost outside flowers have been practically eliminated from the situation.

The demand was materially strengthened this week by the immense quantity of stock used in the great decoration for the opening of Marshall Field & Co.'s store.

The coal situation is getting serious for the small growers. The large growers, who made their usual contracts for the season in July, are getting their coal all right, but those who buy a car at a time at current market rates are having all kinds of trouble. It is to be hoped that the reports appearing in the daily press to the effect that a settlement of the coal strike has been brought about have foundation in fact.

John Zeck, of Budlong's is spending a few days in St. Louis.

Edgar Sanders continues to improve and sits up in a chair an hour or so each day.

The bowlers played another series of games at Anson's last Tuesday night.

Wietor Bros. say that the new white rose Ivory continues to gain favor with them. They now believe it will prove to be a very important factor in the trade and wish they had planted it much more largely than they did.

The decoration of the immense retail store of Marshall Field & Co. for their annual "opening" was probably the most elaborate decoration of the sort ever attempted. The total cost of the decorations for the week aggregated $21,000, and of this sum over $5,000 went to the florists.

The Geo. Wittbold Co. supplied over 5,000 decorative plants for the week, 70 large cases of wild smilax, 1,000 strings of smilax, 500 strings of asparagus and six hay wagon loads of oak leaves. Their bill was $3,000.

The cut flowers were purchased through the McKellar & Wintersen Co. and they cost $2,250. They included 6,700 Beauties, 3,000 Brides, 4,000 Bridesmaids, 2,000 small red roses, 13,800 carnations, 1,600 asters, 1,600 gladioli, 500 smilax, 100 asparagus, and 175 blooms of the new Enchantress carnation that brought $17.50.

The electrical effects and paper flowers and shades cost about $15,000. Mr. Ben Hinkley was in charge of the decorations for Marshall Field & Co. and he certainly has great abilities as a decorator. The effect was superb.

And the firm has now ordered 20,000 carnations to give away to school children who visit the store next Saturday.

HARTFORD, CONN.

The Hartford Florists' Club had an outing Tuesday, the 23rd inst., going to New Britain on the invitation of Messrs. Traut and Slocum, of that city. Thirteen members were present, as follows: President McRonald, Secretary Coombs, Treasurer Wirth, Messrs. Karlstrom, Huss, Burr, Zuger, Sternberg, Scrivner, Phelps, Brooks, Mead and Osborn. The fourteenth man, in the person of Mr. Jackson Dawson, made the party complete.

Mr. Justus A. Traut's place was first visited, where was seen a typical German garden, reflecting the ability of Albert Bichner, the gardener. After a stroll under the linden trees through garden and greenhouse a visit was paid to Mr. Traut's billiard room, where insecticides and fungicides were freely discussed, Mr. Dawson branching into Phenomena and Faith. After a unanimous vote that our host left nothing to be desired and that his place was a model one, departure was taken.

Coombs and Osborn were obliged at this point to return home, the main body moving on Mr. Slocum's place. Having no report as yet concerning this second manoeuver, this will be concluded in our next. O.

The Florists' Manual

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

Abutilon
Acacia
Acalypha
Acanthrophœnix
Acer japonicum
Achillea
Achimines
Acrophyllum
Adiantum
Agapanthus
Agave
Ageratum
Allamanda
Alocasia
Aloysia
Alternanthera
Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
Astilbe japonica
Azalea
Balsam
Bay Trees
Bedding Plants
Begonia
Bellis
Bottom Heat
Bougainvillea
Bouvardia
Bromeliads
Browallia
Bulbs
Caladium
Calamus
Calceolaria
Camellia
Canna
Carludovica
Carnation
Celosia
Centaurea
Cheiranthus
Chrysanthemum
Cineraria
Clematis
Cobea
Cold-frames
Coleus
Cosmos
Cotyledon
Crinum
Crocos
Croton
Cycas
Cyclamen
Cytisus
Dahlia
Decorations
Decorative Pl'ts
Deutzia
Dianthus
Dracaena
Drainage
Easter Plants
Epacris
Erica
Eriostemon
Eucharis
Eupatorium
Euphorbia
Ferns
Fertilizers
Ficus
Fittonia
Floral Arrangements
Freesia
Fuchsia
Fungicides
Gardenia
Geranium
Gladiolus
Glazing
Glechoma
Gloxinia
Grasses
Greenhouse Bldg
Grevillea robusta
Hardy Perennials
Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
Heliotrope
Hibiscus
Hollyhock
Hotbeds
Hoya
Hydrangea
Impatiens
Insecticides
Iresine
Jasminum
Kalmia
Koeniga
Lantana
Lapageria
Lawns
Libonia
Lilium
Lily of the Valley
Linum trigynum
Lobelia
Lysimachia
Manettia
Manures
Maranta
Martinezia
Maurandya
Metrosideros
Mignonette
Mimulus
Moon Flower
Mulching
Musa
Myosotis
Nepenthes
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Oleander
Orchids
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Oxalis
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FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

ST. PAUL.

September trade has been most favorable and all indications point to the continuance of good sales. Carnations are becoming more plentiful and improving in quality. Mums are nearly all late, owing to the cool summer, and but few good blooms will be had before November 1.

The chrysanthemum exhibit to be held November 4 and 5 has been postponed to November 15. Exhibitors and others will please take notice and govern themselves accordingly.

The soft coal situation, while not as serious as the hard, is receiving considerable attention at the hands of our florists. Prices are already 12½ per cent higher than last year, with a promised increase of 25 cents per ton very soon. There is a large shortage reported at the head of the lakes, with only about six weeks' open water in sight. One large concern here is putting in ten or twelve carloads of best Youghiogheny for use in time of trouble, when the cold weather comes and the north winds blow and prices soar skyward while quality drops downward. More of the brethren would do well to do likewise. But while coal is soaring in price, flowers sell at the same old figure. This is not a correct condition and we hope that florists will form a trust of their own and invite the coal barons to look at roses through telescopes at 50 cents a squint.

The president's abandonment of his proposed northwestern trip canceled one floral decoration at least. But we must learn to take our disappointments as stoically as Teddy did his.

Dutch bulbs are just arriving, likewise Japanese longiflorum, which we trust will be better in quality than last year. X. Y. Z.

GRAND RAPIDS, MICH.

It has rained almost incessantly for the past ten days. Flowers are scarce, especially carnations. Shipping orders are numerous and steady, but lack of carnations renders it difficult to fill them. Roses are in fair supply, with slightly mildewed foliage. American Beauties are very scarce.

On Sunday last Phil Breitmeyer, William Dilger, J. F. Sullivan and Tom Brown, of Detroit, and E. C. Brillhart, of Hart, Mich., paid us a visit. They were met at the depot by Henry Smith, George F. Crabb, Alfred Hannah and Charles Chadwick. After a substantial dinner at the Eagle hotel the visitors were driven through Ball Park, thence to the places of Henry Smith, Eli Cross Crabb & Hunter and Alfred Hannah, after which, as it was getting near train time, they reluctantly returned to the depot. They were all favorably impressed with the extent of the plants visited and the quality of the stock seen.

All had something to say on the coal question. It is beginning to look like, not how much will it cost for coal, but can we get it at any price? Here, even at the advanced price, the coal men won't sell except in limited quantities.

Roses, $1 per dozen. Carnations, 25 cents per dozen. American Beauties, $1.50 to $3 per dozen. Lilies, $2 per dozen. G. F. C.

NEW CARNATION.

Mr. M. P. Dilger, Waukegan, Ill., sends us a bloom of a carnation sport which he says he has christened Mrs. M. P. Dilger. The bloom is of fair size, of Daybreak shade of pink and has a very good stem.

Hobart, Ind.—A. Londenburg has just completed two new houses, each 20x100, both to be devoted to carnations. He reports business as very good.

We Need Room!

EXTRA FINE 6-inch **BOSTON FERNS**

very bushy, at $4.50 per doz.

THESE WILL READILY RETAIL AT $1.00 EACH.

C. C. POLLWORTH CO., = = Milwaukee, Wis.

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PITTSBURG.

The demand for flowers at present is much heavier than usual at this time of the year. Trade the past week has been very good; funeral work has helped to clean up the stock very nicely. The supply of roses has been about equal to the demand except in the best grades. At this time the cut consists largely of short-stemmed stock, except in hybrids. The supply of carnations is short just now. The cold, wet weather has hurt the outdoor stock and the indoor ones are now only coming in and these are mostly short stems, excepting some pink and white varieties. Chrysanthemums are making their appearance, but the supply is still limited. A few good asters are still to be had. The majority are small; they are about done for for this season.

Fred Burki is cutting some very fine Kaisers and he is also sending a few chrysanthemums to the Pittsburg Cut Flower Co.

The only successful gladiolus grower in this section this season was B. L. Elliott. He grew the Shakespeare variety.

Messrs. Streiff and Niegle, a new firm that will open a stand in the Allegheny market October 1, have the good wishes of all who know them. The boys are well known to the retail trade.

Bill Clarke, of the Cut Flower Co., who was sick at home, is on hand again.

Mr. William Flemm has returned from his vacation.

Among the Boston notes your correspondent notices an item on how to cut glass with a "wheel glass cutter," which said to try dipping the tool in kerosene oil. If this does not work, or if not convenient, rub the wheel of the tool over your nose. Try it, boys.

Hoo-Hoo.

BOILER CAPACITY.

I have a 40-horsepower return tubular boiler. Would it be advisable to use this for 4,000 square feet of glass with a proper amount of pipe, either hot water or steam? Which would be best —water or steam? M. M.

A 40-horse power boiler will do the work nicely and will have a liberal surplus capacity to spare for future work. A part of the grate could be bricked over till more glass is built. Steam will be the most desirable to use.

Henry W. Gibbons.

New York.

BURBANK'S

Shasta Daisy.

New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $18.00 per oz.

Pansy, Giant Mixed, $1.00 per oz.; $10.00 per lb.

Asparagus Sprengeri, $1.50 per 1000 seeds.

PLANTS.

Shasta Daisy, 2-inch, $10.00 per 100; 3½-inch, $15.00 per 100. Asparagus Pl. Nanus, 3½-inch, extra fine, $5.00 per 100; $40.00 per 1000. Asparagus Sprengeri, from flats, $1.00 per 100; $7.50 per 1000; $25.00 per 5000. Calla Bulbs, first size, $4.00 per 100; 250 at 1000 rate. Express prepaid.

CALIFORNIA CARNATION CO.,

LOOMIS, CAL., U. S. A.

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PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain: "The largest and finest colored flowers we have ever seen."

100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants ready to bloom Oct. 1, $1.00 per 100; $8.00 per 1000. Seed, $1.00 per pkt.; $5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254, **Southport, Conn.**

GROWER OF THE FINEST PANSIES.

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PANSIES.

ROEMER'S Superb Prize Pansies — The World's Best—Strong, fine, stocky plants, mixed colors, by mail, 75c per 100; by express, $4.00 per 1000; $7.00 per 2000; $10.00 per 3000; $25.00 per 10,000. Cash with order.

PETER BROWN, --- LANCASTER, PA.

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GIANT PANSIES.

Trade packages at **$1.00.** Also plants of the above strain at **$5.00** per 100 and **$10.00** for Fancies. They are equal to any that we ever sent out.

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VIOLETS, Imperial, M. Louise, Swanley White, 3-in. pots, $3.75 per 100; $35.00 per 1000. Lady Campbell, $3.50 per 100; $30.00 per 1000. Field-grown Imperials, $3.50 per 100.

CARNATIONS, Crane, Mme. Chapman, Flora Hill, White Cloud, etc. Write for prices.

CRABB & HUNTER, Grand Rapids, Mich.

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CHINESE—Single—Mixed, 2¼-inch pots, 100 strong.....$1.50
ASPARAGUS SPRENGERI, 2¼-inch pots..... 2.00
ASPARAGUS PLUMOSUS, 2¼ inch pots, strong.. 3.00
CINERARIAS—2-inch pots..... 2.00
NARCISSUS—Paper white grandiflora... 1.00
PANSY PLANTS—$3.00 per 1000..... .60

Cash or C. O. D.

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KENTIA BELMOREANA.

Offers the following varieties and sizes: HOME-GROWN and in EXCELLENT CONDITION.

				Per doz.	Per 100
ARECA LUTESCENS.					
4-inch pot,	3 plants,	18 to 20	inches high	$3.00	$25.00
6 "	3 "	24 to 26	"	9.00	75.00
6 "	3 "	28 to 30	"	12.00	100.00
10 "	3 "	42 to 45	"	$5.00 each.	
10 "	3 "	50 to 60	"	7.50 "	
COCOS WEDDELIANA.					Per 100
2x3-inch pots,	6 to	8	inches high		$10.00
2x3 "	8 to	10	"		15.00
KENTIA BELMOREANA.				Per doz.	Per 100
2½-inch pot,	8 inches high			$1.50	$12.00
3 "	4 to 5 leaves,	12 to 15	inches high	2.50	20.00
4 "	5 to 6 "	15 to 18	"	4.50	35.00
6 "	5 to 6 "	24	"	12.00	100.00
6 "	6 to 7 "	24 to 28	"	15.00	125.00
6 "	6 to 7 "	28 to 30	"	18.00	150.00
MADE UP KENTIA BELMOREANA.					
8-inch pot,	4 plants,	36 to 40	inches high	$3.00 each	
8 "	4 "	48	"	4.00 "	

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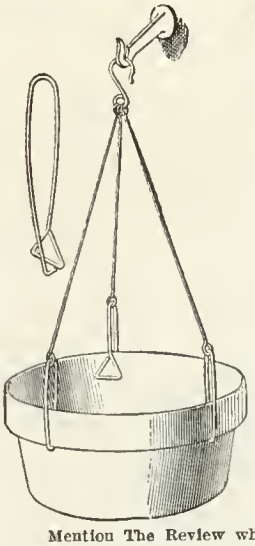

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Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 3 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

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5-in. pots, 3 tiers, 10 inches and above	$0.50
5½-in. pots, 12 to 14 inches	60c to .75
6-in. pots, 15 to 18 inches	75c to 1.00
Specimen	1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots	.75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen	from $4.00 to 5.00
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THE KANSAS CITY SHOW.

We have received advance proofs of the premium list for the great Kansas City show to be held November 3 to 8, and it is very juicy, with large and handsome looking figures and dollar signs.

The first five classes are for single specimen plants, in white, yellow, pink, red and any other color, and the prizes in each are $20, $12 and $8. The next five are for single standard in the same colors and the prizes in each are $12, $8 and $6. Equally liberal prizes are offered for collections of plants under varying conditions, and $40, $20 and $10 are offered for a group to occupy 50 square feet. In the single stem classes 30 plants are called for and the prizes are $20, $15 and $10 in each color.

In miscellaneous plants prizes of $50, $30 and $20 are offered for best group of begonias, which is certainly a departure. And for 25 plants of Begonia Gloire de Lorraine there are prizes of $20, $15, $10 and $5. The same liberality is shown all through the other plant classes.

The first seven cut flower classes call for 25 blooms each in white, yellow, pink, red, any other color, one variety reflexed and one variety incurved, and the prizes are $20, $15 and $10.

For 100 American Beauty roses there are some immense prizes. Winner of first gets $150; second, $100; third, $75; fourth, $50; fifth, $25; a total of $400 in this class.

In the principal carnation classes 50 blooms are called for and in each class the prizes are $5, $3 and $2.

Some very large prizes are offered for collections of chrysanthemum blooms on boards, the receptacles to be furnished by the management. The prizes for collection of 96 varieties, one of each, are $50, $30 and $20, and those for smaller collections are in propertion.

Prizes amounting to $400 are offered for dinner table decorations, and prizes of $100, $75, $50 and $25 are offered for American flags made of flowers, flags to be ten feet long.

It is a financially attractive list all the way through. If you don't receive a copy soon better write for one to Uncle John Thorpe or F. J. Taggart, Convention Hall, Kansas City, Mo.

FAIRHAVEN, MASS.—S. S. Peckham, the florist and nurseryman, has rented the up-to-date greenhouses of H. A. Holcomb, corner Fourth and Walnut streets, New Bedford, Mass., for show conservatories and salesroom. He will keep a first class stock of plants and cut flowers there.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phœnix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

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Fine, strong, healthy plants grown on high ground.

165	PROSPERITY	at	$9.00 per 100.
1200	MORNING GLORY	at	7.00 "
50	AMERICA	at	7.00 "
200	MARQUIS	at	7.00 "
145	GOMEZ	at	7.00 "
390	JOOST	at $5.00 and	7.00 "
2000	TRIUMPH	at	5.00 "
120	GENEVIEVE LORD	at	5.00 "
65	LAWSON	at	8.00 "

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	100	1000		100	1000
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Jubilee	4.00	35.00	Daybreak	4.00	35.00
Wm. Scott	4.00	35.00	Prosperity	8.00	

SMILAX, fine strong 2-inch, 4000 of them, $32.00 for the lot, or $9.00 per 1000; $5.00 for 500. Order quick if you want them, we want the room.

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	ROSES! 100	1000	ROSES! 100	1000
Strong 3-in. Brides and Golden Gates	$4.00	$35.00		
Strong 3-in. Meteors	2.50	20.00		
Brides and Maids, 2-in	2.00	17.50		

Fine plants, worth nearly twice these prices.
FOR SALE—4-inch hot water pipe in good condition. Write for price.

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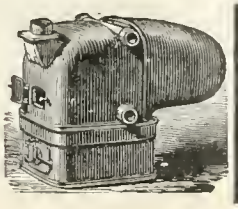

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2000	Ethel Crocker	5.00 "
1500	Cartledge	4.00 "
1500	McGowan	4.00 "
1000	Hill	5.00 "
1000	Mrs. Joost	6.00 "
300	Maceo	7.00 "
1000	Fisher	4.00 "
1500	Norway	7.00 "

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Marquis	4.00	35.00
Lawson	7.00	
White Cloud	5.00	

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Will be distributed beginning Jan. 15th, 1903. Facilities for rooting 300,000 cuttings. You will want it, so place your order at once. 100, $6.00; 1000, $50.00; 5,000, $45.00 per 1000; 10,000, $40.00 per 1000.

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Correspondence solicited.

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1st size, extra strong ..... $4.00 per 100
2d size ..... 2.00 "

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Buttercup, Liberty, Dorothy, Nydia, Sunbeam, Hoosier Maid, Prosperity, Norway	1st,	$7.00	per 100
	2nd,	5.00	"
Gomez, Portia, Victor, Armazindy, Crocker, Marquis	1st,	5.00	"
	2nd,	4.00	"
Lawson, Gov. Roosevelt	2nd,	6.00	"
Joost, Daybreak, Morning Glory, Flora Hill	2nd,	4.00	"

J. L. DILLON, Bloomsburg, Pa.
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CARNATIONS!

Field-Grown Plants.	Doz.	100
Cressbrook, extra strong, early propagated, 1st size	$3.00	$15.00
Cressbrook, extra strong, early propagated, 2d size	2.50	12.00
Norway, extra	1.50	8.00
Prosperity	1.50	8.00
Genevieve Lord	1.00	7.00
Egypt	1.00	7.00
Mermaid	1.00	5.00
Goethe	1.00	5.00
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The above are all in good shape, ready for immediate shipment. 25 plants of one variety at 100 rate.

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Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
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Mac Richmond	5.00	40.00
Scott	4.00	30.00

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MACEO	5.00 "
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800	Crocker	4.00 "
200	Prosperity	7.00 "

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G. L. GRANT, EDITOR AND MANAGER.

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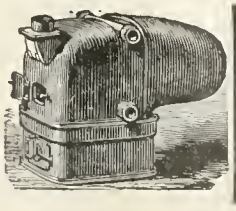

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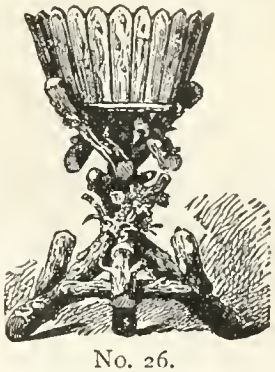

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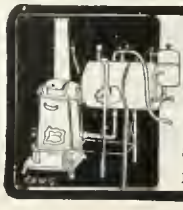

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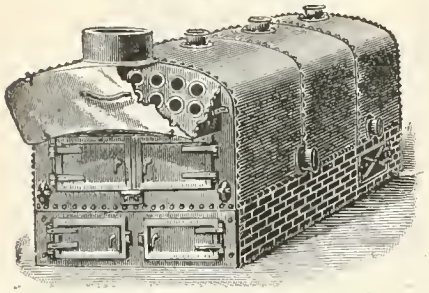

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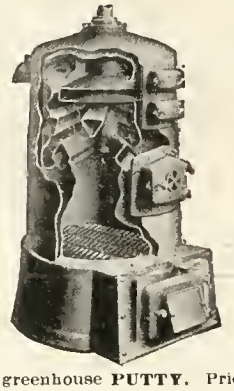

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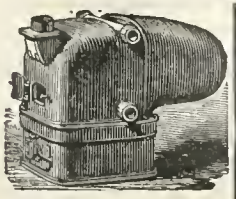

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M
Jamaica Plain
261

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Vol. X. CHICAGO AND NEW YORK, OCTOBER 9, 1902. No. 254.

Lilium Harrisii,

7-9.....$80.00 per 1000.

Roman Hyacinths,

12x15 centim., $22.00 per 1000.

NARCISSUS PAPER WHITE GRANDIFLORA,

13 centim. and up, Mammoth Bulbs, $8.00 per 1000.

The above have just arrived and prices hold good for immediate order.

DUTCH, JAPAN BULBS on hand now.

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3000 Daybreak, 2000 Marquis, 2500 Ethel Crocker,
200 Victor, 1600 (Dark Pink) Sport from Scott.
450 Scott, 500 G've. Lord, 500 Portia.

Fine, strong, field-grown plants, $40.00 per 1000.

225 Brides, 3-in; 225 Maids, 3½ in.; 200 Maids, 3-in
All fine plants, will clean out lot at $5.00 per 100;
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Terms Cash with order from unknown parties.

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HER MAJESTY White. Winner over all comers at Chicago last January. $10.00 per 100; $80.00 per 1000.

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CALLA ETHIOPICA -- A fine lot we want to sell off.

4x6 inches circumference.....12, 60c; 100, $4.50; 1000, $42.00.
5x7 " " .....12, 80c; 100, 6.50; 1000, 60.00.

LIL. CANDIDUM -- Fine plump bulbs.

12, 50c; 100, $3.50; 1000, $30.00.

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Bulb Catalogue on application.

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Narcissus Paper White, 100, 80c.; 1000, $7.00. Paper White Grand., 100, $1.00; 1000, $8.25.

Callas They are Fine Bulbs...

1¼-1½-inch	$0.75 doz.	$ 5.00	100
1½-1¾ "	1.00 "	7.00	"
2 -2½ "	1.25 "	9.00	"
Mammoth	1.50 "	12.00	"

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GROWER .....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

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MISCELLANEOUS SEASONABLE HINTS.

The Eucharis.

There is a lovely, sweet flower that is beautiful wherever used, and which is a staple article in the florist shops, as well as the adornment of the conservatories of Europe, but which is too seldom seen here. It is the delicate, fragrant eucharis, or Amazon lily. They are not lilies, but belong to the same order as the amaryllis. The best species is E. grandiflora, which is widely known as E. amazonica. As they are from Central South America, it is needless to say they are tropical plants. Travelers, or orchid collectors, tell us they have passed over a clearing in the tropical forest in a dry time and have seen no signs of the eucharis, either of its broad dark green leaves or flowers, and a few months later they have seen this same spot a carpet of deep green foliage, whitened with the beautiful flowers of the eucharis.

No doubt there are some successful growers of this plant in the country, but few of them are commercial men. I remember seeing a plant in Toronto a few years ago. It was in an 8-inch pot. It had ten flower stems and the open flowers and buds numbered twenty-eight. You often see a few plants in a commercial place, most often beneath a bench, where it has been shoved away in disgust because it was not profitable. "The darn things won't flower for me" is frequently the remark that any comment about them brings forth.

A night temperature of 60 degrees will do them very well, but when growing vigorously a little higher would be better. They can be grown either in pots, or planted out on bench in six inches of soil. The soil should be of a rough or coarse texture: a turfy loam chopped up with a fourth or fifth of half decayed cow manure is what they like, and to this add a 6-inch pot of broken up charcoal to every bushel of compost. When making their growth they require copious waterings, and that is why the soil should be coarse and porous. When growing they also relish and need a daily syringing, which will keep down their greatest enemy, mealy bug. They do not like to have their roots disturbed, and well established bulbs in an 8, 9 or 10-inch pot will do very well without disturbance or a shift for two or three years, and the same applies to those in a bench. If you think the bulbs and roots are crowded, you can top dress them with loam and manure (if sheep, be careful not to overdo it), and when growing and making foliage you can give them weak liquid manure twice a week.

There is no doubt that the miserable failures that we all have in attempting to flower this beautiful plant are due to not understanding, and more than that, not following out faithfully the conditions of growth and rest that are so vital to its success. As good an authority as I know says this about it, and I have every reason to think he is right: "Supposing you have some plants that have been just existing for some time, but have not been making much growth. Put them in a good, strong heat, top dress them, water and syringe freely. They will soon throw up young leaves. When these new leaves are mature in size (which will be two weeks from time of starting into growth), withhold water partially, not by any means sufficient for the leaves to wilt or decay in the least, but shorten off water enough to arrest further growth. Continue this treatment for a month or six weeks. During this six weeks of semi-dormant condition the bulbs will have formed flower buds in place of more leaves. Then after the five or six weeks of partial rest begin with the watering and syringing, and the flower stems should soon appear. And when you once see them there is no misfortune likely to occur, for they develop surely and safely. After the flower stems are cut gradually withhold water and give them a rest of another month preparatory to again starting into a new growth."

English gardeners say that the eucharis can, if well managed, be made to produce four crops a year. If you can produce two crops a year, it is a most profitable plant, and their season of flowering is any time you choose. We have really a limited variety of flowers to offer our patrons, and for the past week or two have you noticed that, with the exception of white roses, what a famine there is in white flowers. This will soon be relieved, but there is room for this choice eucharis every day in the year.

Lily of the Valley.

We have about concluded that it is more profitable and more satisfactory all around to grow but few Roman hyacinths, and in their place increase our supply of the lily of the valley. The latter may not be quite so easily managed with success, but when you have the right facilities for its growth and a good quality of roots, there is no trouble about it. They cost less than the Romans, occupy much less room, and require only one-tenth the labor and time in forcing into flower, and bring a better price, and there is no doubt that our customers believe they have a choice article for their money. Therefore grow plenty of valley and let the Frenchman and his hyacinth have the opportunity to come off the perch, and the corners, combines, trusts and syndicates in the hyacinth can be a matter of indifference to us.

It will be several weeks yet before the valley roots arrive, but be prepared to care for them when they do. A very exhaustive, able and complete article was written a few years ago by Mr. Robert Simpson, yet some of you may have forgotten it. I am not now going into the forcing part of the business, later will do for that, but merely the care of the roots. At the outset don't try to force the fall imported roots before the middle of December. That will give you the first crop at New Years, or a little after. Up to that time the cold storage roots are depended on. Firms that grow hundreds of thousands, or perhaps millions, make use, doubtless, of their cold storage facilities the year around and put their freshly imported roots into it at once, but they are few in number compared to those who grow only ten to thirty thousand during the winter and spring months, and depend during summer on buying cold storage roots for their wants.

Unpack as soon as received; dip the whole bunch into cold water for a few moments, only long enough to thoroughly wet every fiber. We then pack away the bunches in boxes about one foot deep and of a size that will hold the quantity that you want to bring in weekly, or semi-weekly. Between every row of bunches we pack some old soil, leaving the crown of pips even with the soil. Then we water the whole just enough to wet the soil through, and after that cover the crowns with an inch of sphagnum moss. We place the boxes on boards in a frame out of doors. The only use of the board is that in case of very hard freezing the boxes lift up clean. Over the whole surface of the boxes we spread two or three feet of soil, and then cover the frame with boards or sash for the purpose of keeping the roots from being saturated by rains, which is very important.

Whether they freeze or not we never trouble. If they do freeze up hard under those conditions it would do no harm, but we doubt the old story that freezing the roots is essential. We know that lily of the valley naturally growing in our gardens and undisturbed is as hardy as the North Pole, yet I have seen these imported pips without covering, exposed to twenty degrees of frost and rendered useless. Large growers sometimes untie the bunches when received and sort them, selecting the largest and strongest crowns for early forcing and the smaller for later use. Doubtless in a large way this would pay, but if you pay a good price for the roots and get the best quality, you can depend on about ninety-eight good spikes out of a hundred, and the other two the cat is welcome to. For some years we have grown only the grade known as "Multibelle" and it is "Multigood."

Trees and Shrubs.

Many of you will now be asked to do some planting of shrubs and trees this month and next. If you keep a retail store on Chestnut street, or Broadway, or Michigan avenue, or Tremont street, and sell $500 worth of cut flowers every day, you won't bother about a cydonia or forsythia, a paeony root, an ampelopsis or Salisburia adiantifolia. While I am a believer in division of labor, and that the specialist is the man that moves the world around, as well as accumulating wealth, there are many florists in moderate sized cities and towns that can add considerably to their incomes if able to talk intelligently to their patrons on the planting of ornamental trees and shrubs, and follow it up with successful planting.

To digress a moment, there is a marvelous awakening all over the land, among not only the very wealthy, who can and are building castles on the banks of our rivers and lakes and in mountain retreats, and surrounding these palatial buildings with the art and skill of the landscape gardener; but

people of much more moderate means are seeking summer homes in the country, if possible, but if not, on the outskirts of our big cities. And their taste in by far the majority of cases is educated above a bed of geraniums or coleus. They want herbaceous plants, grasses, flowering shrubs, ornamental trees. I don't say that all of our citizens of a comfortable income care about these surroundings. Some are all horse, or gun, or stocks and bonds, but for every well-to-do citizen who thirty years ago knew what the simple designation "ornamental hardy shrub" meant, there are now a thousand who can discuss the beauties of many species.

I can not refrain, although foreign to what this article is supposed to be, from asking you to subscribe for and read "Country Life in America." It came into existence only last November. It will elevate your thoughts, educate you broadly about the beauties of everything "out of doors." The silent, majestic tree, the trout that eludes your fly, the bird of the air and the quadruped of the prairie and wood and mountain are brought to your close acquaintance, as well as the flowers and plants that supply us with a livelihood. Its prose articles are poetry and its poems are original gems. Its numbers should be on the table of every man or woman that owns a home, and it is one more factor that will lead our people to seek the fresh air and environment of the country and to make these homes beautiful in their surroundings. I did not intend to digress so widely, and am not paid to obtain subscriptions for this grand and beautiful "Country Life," but I am just now chock-full of its inspiration and can't help it.

Obtain from the most reliable firm, or firms, in the country any trees or shrubs that your patrons want and you can suggest. Just let me say here that it is too late to plant what are known as evergreens, properly conifers. Fall planting of them in our northern states can be done from middle of August to middle of September, but no later with safety. With our trees and shrubs that lose their foliage during winter the months of October and November are an excellent time, and often you have more opportunity and a longer season in the fall than in the spring. You need not wait till "the leaves begin to fall." After the first frost the leaves of our deciduous trees and shrubs easily rub off and that should always be done if planting before they have naturally dropped.

The earlier you plant in the fall the better it will be. Heavy rains will settle the soil compactly around the roots, a most important point to their welfare. Shrubs that need strawing up during winter are not worth planting, but a string around the shrub, drawing up its branches and shoots so that the snow does not break them down is work well done. What is of great benefit to fall planted trees and shrubs is six inches of leaves or litter from the stable covering the ground for a foot or so around the shrub; or if they are planted only a few feet apart, cover the whole surface. It keeps hard freezing away from the roots that can not possibly yet have taken hold of the ground.

In ordinary seasons we have either copious rains in November, or early snows which melt and saturate the ground. But I can remember very dry October and November months, and then a sudden freeze up. This is most unfavorable for our trees and shrubs, our forests and orchards. All these trees want to go to sleep, if sleep they do, with their roots moist. So if such abnormal conditions prevail as described above, don't be afraid to soak the roots of these transplanted things before winter sets in.

Almost all the hardy herbaceous plants can be divided and transplanted with the best results during this and next month, and in their case a few inches of straw manure, or leaves, for a covering is most essential, and with many, necessary.

William Scott.

ROSES.

Seasonable Hints.

Roses which are expected to do a good winter's work should now receive some attention regarding their diet. The benches will now be well filled with roots, and the elements upon which they live and thrive will be becoming exhausted. To keep up a constant supply of these elements without overfeeding will from now on to replanting time be one of the most onerous duties of the grower, as without a proper knowledge of the wants of the plant and the qualities of the material used in feeding he cannot hope to obtain those high grade blooms so eagerly sought for in the market, and which we are all striving to produce.

Mulching is one of the best and safest means adopted to supply this want, as by this process the plants have always a store of food ready. A compost of two-thirds well rotted cow manure and one-third good rose soil, made fine by passing through a ¾-inch screen and thoroughly incorporated, is about as safe and serviceable a mulch as can be used during the dark months of winter. By having it in a fine condition it is easier assimilated, spreads more evenly and has a tidier appearance. To this can be added dessicated bone meal in the proportion of one 6-inch pot full to each bushel of compost. For first mulching one inch thick will be sufficient, as it is better to feed lightly and frequently than to take any risks.

After the mulch has become partly exhausted a slight top dressing of unleached wood ashes can be used. This gives color to the petals and tends to stiffen both stems and foliage. In using this great care must be taken not to give too much at one application for fear of sickening the young wood. One bushel will be sufficient to cover 100 square yards of bench; more can be used after the plants become accustomed to this kind of food, especially after the days begin to lengthen.

A generous sprinkling of air slacked lime will also be of benefit during dark weather, but neither of these can be used in combination with bone meal, nor while the bones on the bench are fresh, as this will release more ammonia than the plant requires.

Beauties, Meteors and Liberties being gross feeders, will require more of this kind of feeding and much more frequently than Brides and Bridesmaids.

Special care should be taken to see that the bench is equally wet before applying the mulch and that the soil in the bench does not become dry after mulching. The manure in the mulch retains the moisture and gives the bench the appearance of being wet when it may be quite dry underneath, so it will pay to make a daily examination. Ribes.

FIRMING ROSE BEDS.

Would it be advisable for us to tramp down the soil in our rose benches? It remains loose and does not seem to get solid enough. If tramped down, would it be best to wet the soil to make it more of a clay form when compacted, or would it injure the roots of the roses to tramp the soil? J. B.

It would have been easier for me to answer this question if J. B. had mentioned what varieties of roses he has trouble with, their age and the kind of compost he planted them in.

Too much manure in the compost is one very common cause for the soil not getting solid. Some soils are naturally of a loose and friable composition, and without some admixture of a clayey nature refuse to become solid. If the soil is of this kind it will improve it to firm it down. This should be done when the soil in the bench is in a half dry condition, treading it lightly with the feet, taking care not to go too near the stems.

If the roots are showing near the surface, and the plants are fairly healthy, they should then get a light mulch of two-thirds decomposed cow manure, and one-third good rose soil, thoroughly incorporated, and passed through a ¾-inch screen, with a sprinkling of bone meal added.

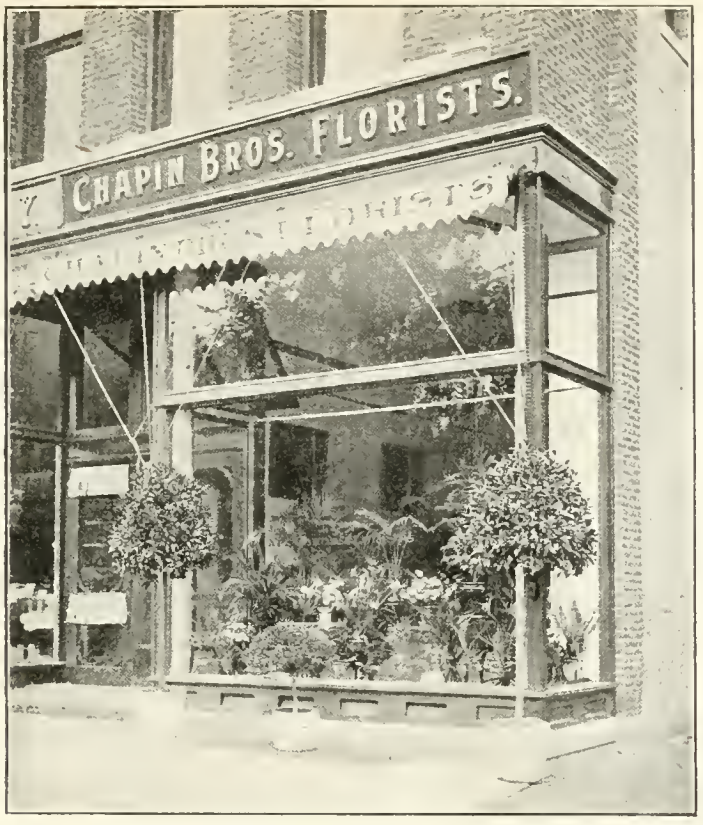
If the plants are small and young, cultivating the surface one inch deep will be best. Ribes.

CARNATION NOTES—WEST.

Watering.

The sun is getting weaker, the days are getting shorter and we are apt to have a dark rainy day sandwiched in now and then and you will need to be as careful now as you ever are in midwinter with your watering. Those plants that were planted early and have a good growth of both plant and roots will bear a rather liberal supply of water, but those that have been on the beds only a few weeks will need careful watering. The soil will sour quickly at this season of the year and your plants will not take hold readily. It is much better for newly planted carnations to be run on the dry side for a while as it will induce root growth, and what you want is a good base of roots to supply the plant with food and water. Go over the beds carefully and examine here and there by running your finger into the soil, and then water accordingly. After you commence firing you will find that the steam pipes will cause dry spots wherever they come close to the soil and you must continually look out for them.

We do not syringe as frequently from now on as we have been doing, but we average only about once each week, which is enough if it is done thoroughly. We believe that it pays just as well to use preventives against insect pests as it does to use them against diseases, and we have never been able to understand why it should be good policy to wait until you have a dose of red spider on your carnations before you begin to syringe them. Only syringe on bright days, though, and do it early in the day, never later than 12 o'clock, and you will usually find your plants in a nice dry condition by night and as fresh as can be. Pick the blooms before you syringe.



New Store of Chapin Bros., Lincoln, Neb.

Handling the Flowers.

With this cooler weather your carnations are bound to improve in quality as well as quantity, and the better the blooms, just that much better should the handling be. When the blooms are small and cheap one is inclined to pack them up almost any old way, but it pays to handle these fine large blooms with care. Many a lot of fine blooms is ruined after it is cut by being handled roughly or packed too tightly in a box or some other way. It is not only size of bloom and length of stem that our retailers are willing to pay the top price for, but perhaps the most important point of all is their fresh appearance. A badly bruised petal is often enough to put the finest bloom into the next lower grade.

I could never believe that carnation blooms could be shipped in the best of shape when the blooms are tied up in bunches of 25, as many growers do. There are bound to be some blooms crushed in the center of the bunches, as it is impossible to pack them so that each bloom will be free to itself. We find that packing the blooms in layers is by far the most satisfactory where the stock is of such quality as will justify it. It takes a little longer to pack and unpack the blooms, but you get them to your customer in good condition and he will be pleased when he takes them out of the box. We usually put two layers in a box with a piece of heavy paper between them to keep the stems from mashing into the blooms below. If you are packing several varieties, pack the heavy and solid blooms in the lower layer, because in the first place they will hold up the lighter ones better, and being on the bottom their weight will not injure anything.

An expert cut flower packer is a valuable man in a large place and it surely pays to have one man do all of it as far as possible, so he can become an expert. Never sprinkle water on carnation blooms, but you can lay damp tissue paper between the stems. When you finish a layer you should nail a cleat over the stems to keep the blooms from moving around in the box and if the box is a long one there should be one or more cleats about the center of the box.

There has been considerable complaint in times past of carnation blooms going to sleep soon after reaching the retail store. Growers and storemen each accused the other of being at fault and for a little while last winter it was hard to tell who had the best of it. No doubt a great many carnations are caused to go to sleep by being kept in poorly ventilated storerooms and in other ways in the stores, but a great many more are given their knock-out drops before they leave the grower's place. Too often the blooms are picked by the armload and laid on a table a half hour or more before the stems are put in water. If the sorting room is warm this will cut their lasting quality in two, and in any temperature it is not good for the blooms.

One hundred blooms is plenty to cut at one time and they should be set in water as soon as picked. It will not injure them if they are taken out of the water after a half hour and laid on the table while being graded, etc. The water should not be too cold and the storage room should be kept as near 45 degrees as possible. If the blooms are to travel any distance they should be in water several hours, over night if possible. The storage room should be well ventilated, but no draughts should strike the blooms. Do not pick blooms from plants that are suffering for want of water, nor when the sun is shining very strong. The best time is in the morning.

A. F. J. Baur.

A WESTERN STORE.

We present herewith exterior and interior views of the new store of Messrs. Chapin Bros., Lincoln, Neb.

The interior view hardly does the store justice as it does not show the front part where are two large mirrors 5 by 10 feet and a fine plant display. The store is lighted by forty electric lights, of which fifteen are in the window and twenty-five in the store proper. The fixtures are all of hand carved oak and they make a fine contrast with the walls which are decorated in white and gold. The ice box is lined with mirrors and is lighted by two electric lights.

In addition to this handsome store the firm has 25,000 feet of glass, all in fine shape. A new house 25x150 was built this past summer and is planted to American Beauties.

The firm reports business as having been excellent the past summer and as Nebraska will have a bumper crop this year they look for a record breaking trade this winter.

CARNATION NOTES—EAST.

Cloudy Weather.

The damp, rainy weather which has prevailed the past two weeks tends to make the plants take on a soft growth. Naturally you will hold the plants as dry as possible without injury during such a spell, but be careful not to overdo the matter.

It is surprising how well the carnation will stand a long period of dry weather in the field, due to the fact that moisture is drawn from below by capillary attraction. Under glass, with raised benches, the conditions are entirely different. In bright weather the surface soil dries out rapidly if kept broken up, as it should be, while below it may be moist. In the case of some soils during a rainy period, just the reverse often happens, the surface being moist while the lower soil will be quite dry.

It will be well to look to this matter in wet weather, and if necessary to water make a slight furrow between the rows; water very carefully without wetting the foliage, drawing the soil back to a level as soon as no water shows on the surface. I have heard growers state that they never watered on a cloudy day, and while not advocating its regular practice, I am sure there are times when conditions demand it.

Stems and Buds.

Your plants should now be sending up strong shoots, which must be kept within the supports and not allowed to sprawl about, resulting in crooked stems.

Let nothing put aside the operation of disbudding regularly, at the same time removing all imperfect buds. Have you ever considered the loss resulting from failure to give proper attention to these details?

I venture to say that with many growers by reason of inattention to either or both of these details, at least one blossom is lost or the value of two lessened 50 per cent on every plant under cultivation. Suppose 20,000 are grown, and assuming the average net price per bloom to be 2½ cents (which is low) there is strong probability that the receipts might have been larger by $500 for the season.

Twisted Growth on Joost.

Noticing an inquiry last week regarding twisted growth on Joost, will say

that two years ago we had same experience directly the plants were housed and established. Always appearing in the same bench and disappearing after firing, also, the bench being a west side one against a partition, the hot morning sun having full play, while there was practically no sun after 3 p. m., we concluded that the soil remained too wet during sixteen hours' shade and darkness, also that the eight hours' sun being very hot, the two extremes forced this peculiar growth. I think Mr. Baur hit the nail on the head in the last sentence of his reply.

Geo. S. Osborn.

CHRYSANTHEMUMS.

Early Flowers.

A look over the plants reveals the fact that three varieties are now in excellent shape for cutting. These are October Sunshine, Lady Harriet and Miss Alice Byron, and form a very useful trio in yellow, pink and white. The buds from which these flowers have developed were all taken from August 9 to 11 and therefore have developed in about eight weeks, as date of writing is October 4.

October Sunshine is a beautiful yellow and the only fault it has with me is a delicate constitution, which renders it liable to leaf disease. It will come good on any bud, but makes the best flower from buds taken the second week in August. I would recommend this variety to anyone having a demand for early flowers.

Lady Harriet is classed as coming in with Robinson, but by experimenting with earlier buds we find it is two weeks ahead of that variety. Lady Harriet is one of the neatest and cleanest growers in the pink section that I have handled for a long while, and unlike nearly all the other early pinks does not show any signs of burning or damping. I unhesitatingly endorse it as the best early pink from my own experience.

Miss Alice Byron is generally catalogued as a mid-season, but if the flower will always come as clean and perfect from early buds as it is doing this year it may be classed as an early variety and one of the very best at that. It is the purest white in color.

Drip.

We are getting considerable rain and so far the weather has been unfavorable for the developing of flowers. A wet October always means loss to those growers who are growing an extra quality grade of flowers. Look over the flowers daily and remove any decaying florets and be careful to see that drip from the roof is not falling into the flowers. This is sometimes an unsuspected cause of rotting in houses which are not tight in the roofs.

Overfeeding.

If you find any buds that look as though the stem had been half severed through by a knife, it is a sign for you to stop feeding. The cause of this partial beheading of the bud is the fact that the roots are pumping up more nourishment than the bud can assimilate, and nature adopts this method of checking the flow of sap. This trouble will only be noticed on crown buds, which is easily enough explained. After a bud is taken there is no more growth, and the only outlet for the energy of the plant is the enlarging and perfecting of the growth already made. In the case of terminal buds there is an extra growth to develop, and therefore more outlet for the superfluous energy, though it should be remembered that before the terminal bud appears the crown bud is already at its work of development and therefore naturally makes the larger flower.

Watering,

owing to the constant rains, is just now a matter for watchfulness and discrimination. It is far better to run over the benches every day and water only the dry spots than to water the whole bed whether it needs it or not and trust to luck for the weather to clear and dry it out again. Even with good weather the supply of water can be much reduced, because as the bud nears development far less water is needed than during the growing season. Damping of the paths should be discontinued and every effort made to keep a genial, dry atmosphere.

Insects.

This dry atmosphere is very favorable to the rapid increase of black fly and red spider, but if you have fumigated earlier, as you should, your plants will now be clean and free from insects. Where black fly is making its appearance about all that can be done is to spread tobacco stems thickly through the house. Fumigation when flowers are open is out of the question, and flowers shipped to market in a dirty condition mean small prices and, what is almost as bad, loss of reputation.

An insect that fumigation does not seem to touch is the little brown thrips that secretes himself in the petals of the flower. This little pest seems to suck the coloring matter out of the petals, leaving the skin only, and unless destroyed will soon render a flower unsalable. "By his works shall ye know him," and hand-picking is the surest way to dispose of him.

Brian Boru.

THE DALE ESTATE, BRAMPTON, ONT.

I was once again honored with the position of judge at Toronto's big Industrial Exposition, the largest annual fair on the continent by a considerable majority. All Ontario and some of the other provinces should be, and doubtless are very proud of this big exhibition. It is a credit to the energy and patriotism of Ontario, for, as I understand it, it is no money making scheme, though self sustaining, and the people go to newer and better buildings, and those being erected now are both architecturally and substantially of an exalted type compared to those which have done duty for years. A great improvement is noticeable this year in the absence of dozens of peanut, orange and lemonade stands and other abominations. They are kept off the principal roads. Another improvement will be a more commodious and handsome structure for the Horticultural Department. As it is at present, plants, flowers and fruits are badly crowded, especially the two former. The show in the cut flower department was good, but we are sorry to see several of the leading firms taking no part in it. It's a great pleasure to meet old acquaintances and we met most of them, and sincerely trust that we left few kicks behind.

Leaving our better half (in our case no doubt about it) in care of our oldest baby, I boarded the Grand Trunk railroad train for Brampton, chiefly noted as the home of the now great flower growing establishment, founded and fostered to a good age by the lamented Harry Dale—a poetical name—a most modest, unassuming, splendid character, whose untimely taking off some three years ago was deeply mourned by all who had ever met him. If ever there was a man without an enemy, it was Harry Dale. In the smoking compartment of the coach was a most pleasant gentleman, and with him a cute, chattering little girl, whose chipper sayings sort of paved the way to a talk and the conversation led to flowers, and the M. D., as he turned out to be, said "If you want to see flowers, you want to stop off at a little town a few miles up the road." "My dear sir," said I. "You allude to the Dale Estate. I know all about it—been there lots of times." I really thought I did, but was mistaken, for it is more than three times as large as it was when last we were in Brampton.

My time was but two hours on the great place and that allowed only a "look in" at many of the houses. Doubtless many things of great interest missed me, but what I did see and what I relate is authentic and can be sworn to.

Several years before his death Mr. Dale associated himself with Mr. T. W. Duggan. Mr. Duggan is not a florist nor a gardener, but a bright, pleasant, shrewd business man, who ably takes care of that most important end—the business and financial end—and no better evidence of his management is needed than the size and growth of the place. He is also one of the executors of the estate.

Mr. Edward Dale is superintendent of the growing. Many of you have met auburn haired, handsome "Ed." If not, go there and you will be surprised at his modesty when he is showing you around this modern nine acres of glass. Unlike many large places I have seen where you had to step over steam pipes or jump over mud puddles in the paths, it is throughout neat, clean and substantial. There are now a total of sixty-nine houses, or 450,000 feet of glass, two-thirds of this erected within three years. There are but a very few of the old-fashioned long-span-to-the-south houses. There is one considerable range of the short-span-to-the-south devoted to carnations. Mr. Dale admits that was wrong and it will not be long until they are remodeled.

Although I have seen some magnificent roses grown in these same houses, what would jar you with wonder are eight houses, equal span, each 17 feet wide and 840 feet long. It is three acres of glass under one roof, for there is nothing to hide the view of the whole three acres but the posts supporting the gutters. The beds are all on the ground—not solid beds, mind you, because there are only four or five inches of soil on a three-inch tile. The houses are equal span, the walks under the gutter, no pipes supporting the ridge or purlins. The roof is supported by a system of ⅜ iron trusses and it seems to answer most admirably. The heating pipes are all on the sides of the walks and a little below the level of the beds. Mr. Dale wants no steam pipes more than a few inches from the

New Store of Chapin Bros., Lincoln, Neb.

ground, and none beneath a bench, and it looks as if he is right.

It may interest some to know how these acres of beds are built. Two pressed bricks are laid flat-ways and lengthwise and form the exterior of beds; then soil is filled in and firmed to level of top brick; then the three-inch drain tile is laid across the bed to the exterior edge of brick; then an edging of concrete is made about 1½ inches high by 1½, or a trifle thicker. Now is this not as near a permanent bed as it is possible to make? I inquired "Why the brick and soil below the tile?" and the answer was it raised the benches slightly and the plants did better than when the tiles were on a poor, hard soil, or cement, or boards. To convince me of that I was shown a bed of Liberty where the tile had of necessity to be laid on plank, and side by side the bed was continued with the tile on soil. The difference was so great that it was hard to believe that they were of the same age. The soil beneath the tile was not prepared rose soil—just ordinary sub-soil without manure. All the new ranges are after this fashion, both houses and beds, so I need say no more about construction.

Ninety thousand carnations are planted and a great variety is grown. Of roses the largest quantity is Bridesmaids, Brides, Cusin, Morgan and a sport of Cusin. The Canadians always could grow Perle and to perfection and here you see them growing like willows in June. A bed of Meteor 840 feet long and the plants three feet high is a grand sight.

My attention was drawn particularly to a bed of Maids growing the second year in four inches of soil on tile. They had been cut rather severely down this summer but were now three feet high, and for quantity of vigorous growth, buds and flowers, I have never seen the equal. Beauties are grown largely and the earliest planted in fine shape.

A range just completed and planted with carnations is also awe inspiring. It consists of thirteen houses, each 225 feet long. There are houses of smilax and asparagus, mignonette, violets and lots of mums, all in good order.

But my two hours were up and only left me time to walk along a trench on a 10-inch steam pipe to see the heating of the newest range. It consists of twelve 15-horse power boilers, a brick smoke-stack 100 feet high and 12 feet at the base. They don't believe in big boilers—all automatic stoking—down draft from every boiler into a big pipe which leads to the smoke-stack. The ashes, as they come out, go down a 10-inch pipe into a conveyor, which is in a tunnel large enough to walk in. Another great brick building is going up, some 100 by 75, and high enough for a church. That's to store coal. I don't know, but I hope that Brampton is not dependent on Pennsylvania for coal, and I am truly sorry we are.

If this is not a model place, I never saw one. And now, gentlemen, in conclusion, you must see it to realize the vigor and health of the roses and other stock they grow there. I was exceedingly glad to meet the bright Mr. Duggan. And for a final conclusion I want the Queens, N. Y. and Philadelphia papers to copy the fact that every light of glass on the place is butted.

W. S. alias Butted Bill.

FALL CARE OF PAEONIES.

Many suppose that pæonies lie dormant in the fall and that they need no further attention. This is a great mistake. August is their dormant month, if they do take any rest at all in summer, and then in September they begin a vigorous root growth for a strong push in the spring. Plant a pæony in moist ground the first of September and dig it up in December, if the ground is open then, and you will be amazed at the system of roots which it has thrown out.

These flowers are growing in value. The writer is carrying on a series of experiments, which he will give the public later on, regarding the best modes of propagation, but one very important item is fall care and cultivation. Any time in the fall is better for planting than spring. One fall I had a lot come from Europe well nigh dead. The roots were black and snapped like sticks. I had to cut off the roots and just plant the buds. I started them in moist earth in November in the cellar, planted them out in December, and saved every one, and one of them bloomed. If you want fine, strong, vigorous plants, put them out in September, water and cultivate as if it were spring time, and the next season you will be well rewarded.

The same is true of evergreens. They seem to be dormant in August and September, when in reality, if the conditions are right, they are making a fine root growth. So they should be cared for and cultivated until ground freezes.

C. S. Harrison.

York, Neb.

INSTALLING A BOILER.

I am about setting a new boiler of 72-horse-power (return tubular) alongside my old one of 60-horse-power, which I have used alone hitherto. I would like to know what points, if any, beyond setting it on the same level as old boiler, I should observe to insure the water remaining at proper height in each. What sized stack would I need for 72-horse-power boiler situated in open country? Is there any advantage in putting stack at the rear of boiler? I am told there is a saving of heat in this, the hot air having to pass through a flue over the boiler to reach stack.

The main steam pipe from old boiler is 6-inch and I propose to connect new boiler with this main by a 4-inch. Will it matter to thus have the steam rise from one boiler through a 6-inch and then from the other through a 4-inch pipe? Is a 6-inch main large enough to conduct steam to heat 30,000 sq. ft. of glass? Temperature seldom falls below zero.

The return steam pipe now enters old boiler at the top, while it is arranged to enter new boiler at bottom. Will this arrangement work properly? Does steam circulate equally well when return enters at bottom as at top of boiler? I have planned this return to be 2-inch. Is that large enough? J. H.

In answer to J. H., in setting the new 72-horse-power boiler alongside of the old 60-horse-power boiler, it will, of course, be necessary to set it so that the water line in both boilers will be on the same level. The smoke pipe should be not less than 25 inches in diameter and at least 40 feet high; if bituminous coal is to be used, add at least 10 feet to the height.

I judge the boiler in question is a return flue boiler, brick set, in which the fire passes backward below the shell and returns to the front through the tubes; if such be the case, the smoke stack is best, as usually placed, at the front end of the boiler, so as to make as short a connection into the chimney as possible. At the bottom of the stack put a check damper, that is, one which will let cold air into the stack, in order to control the draft; this is better than the plate or butterfly damper so frequently used.

A 7-inch steam pipe is the smallest which should be connected to a 75-horse-power low pressure steam heating boiler; a 7-inch fitting, however, is often difficult to procure; therefore, if he desires to make a quick connection, 8-inch for steam pipe would be the most practicable. The return main should be not less than 5-inch. A 6-inch main will answer for 30,000 feet of glass, but in cold weather it might be necessary to increase the pressure above five pounds. A 7-inch pipe would be large enough to heat at five pounds or less at any time. The return pipe should enter the boiler at the bottom, as far from the fire box as possible. A perfect circulation is not

secured where the return pipe enters the top of the boiler.

In calculating for low pressure steam heat, it is advisable to provide a steam main pipe having its diameter equal to at least one-tenth of the sq. root of the total radiating surface to be fed.

New York. Henry W. Gibbons.

BUFFALO.

Much dull, wet weather has rendered useless about all the outside flowers there were left, and now there is nothing. Carnations are coming in so slowly, and roses are so poor in quality, except Beauties, that we are really hard up for flowers. There is no Mr. Peacock here to send in a wagon load of dahlias. The attempt to cultivate dahlias in this neighborhood is in nearly every case a failure. Yet you see by the side of a cottage in our country villages a few plants flowering as freely as the goldenrod by our fence rows in September. The beds of coleus at the stations on the railroads are as fresh and growing as they were in August, proof positive that we have had no frost, and therefore there should not be such a dearth of flowers. A few thousand carnations, not stopped after the middle of June, would be giving us lots of blooms out of doors, but I don't hear of anyone hereabouts having that few.

The agony will soon be over, for we began cutting Polly Rose and Willowbrook chrysanthemums a few days ago. There are very few Fitzwygrams grown here. Willowbrook seems to be a dandy. Others will quickly follow, and the constant necessity for apologies will soon cease. There is something joyous in the return of the bold and noble chrysanthemum. It's like an old friend returning after a long interval. And the old friend is not down at the heel, wanting assistance or relating misfortunes. He is well dressed, in the finest of spirits, in the best of health, and you are delighted to see him. He cheers you up; gladdens the whole family. But like most old friends, if he stopped too long, he would wear out his welcome, and after two months' stay you are not broken hearted when you bid him goodby with the remark, "Will see you later." Other flowers are nearer to our heart, and like other friends, we never tire of them.

Buffalo is not attempting a flower show of any kind this year. It's too bad we can't do it. A burnt child dreads the fire and a few of us have been scorched. Our worthy president, Capt. Braik, was willing to take the lion's share of the work, but there was a lack of interest and so it dropped. We don't believe that the public is to blame. They would patronize it if every florist in town would do the same, but oh, there is such a miserable, selfish feeling that controls the actions of two-thirds of our craftsmen, that instead of giving it their moral, if not material, aid, they would rather pooh pooh it. "It's nothing in their pocket." "They can sell all they grow without it." "They have no time to bother," etc. Perhaps other cities are the same, for the average of human nature is the same, whether it be Boston, Bengal or Basutuland.

It's remarkable how little is said in dead earnest in the florist press on that momentous subject, the coal strike. We are all hoping, like the optimistic Mr. Macawber, for something to "turn up." It would be presumptous and absurd for a humble florist to even pass his opinion on the merits of this calamity. When the President of this great country, and his wise counselors, can not see their way to make either side give in, or decide which is right, it's little good for us to discuss it. A few, I hope many, were fortunate enough to lay in their coal before the strike began, but for every one that is now so fortunate, there are ten who were careless, and I can not see anything but a great calamity before hundreds of struggling florists. Outrageous prices would be hard to bear, but money will not buy what will soon be needed to keep our homes from freezing.

There is an apathy just now, for the weather is favorable. Some coal left over from last spring, or a wood fire occasionally, keeps the chill off, and may for another month, but when the first night of fifteen or twenty degrees of frost drops down on us, what then? Pennsylvania has ninety per cent of all the anthracite of the world, owned and controlled by a few men. Under present conditions this coal has become a natural monopoly. And I may as well speak the truth about myself and say flatly that I am, and have been for years, a thorough believer that natural monopolies should be owned and controlled by the municipality, state, nation or community they affect. Call this socialism if you like, so much the better.

New Zealand is held up to us as the best government in the world, that is, best for all the people, and there all these phases of socialism are carried further than in any other of the so-called civilized countries of the world. Even the liberal monarchy of Great Britain has municipal ownership of natural monopolies carried out ten times more than our republic, and are acquiring by purchase the ownership of private monopolies as fast as they can to the great benefit of the public, who owns them. Not only the community who owns the trolley lines, water works, electric lighting, telegraphs and telephones, gets these necessities cheaper, but in many cases there is a large surplus left to help run the city expenses, and consequently lower taxes.

The New York Democratic platform adopted at Saratoga advocates the ownership and control of the anthracite coal fields. The Brooklyn Eagle says it is a cheap bid for the socialist vote, demagogical and absurd, and would cost the country more than the national debt at the close of the war in 1865. A Chicago paper, I think the Record-Herald, says it's a good, strong plank and will meet with the approval of many thinking men, and there you go. We got over the national debt all right, or soon will, and have paid in pensions since that something like $5,000,000,000. Money is no object to the country. Let us have peace and prosperity, and the use of those natural products which were stored up for future races millions of years ago.

The primitive savage man got along with a skin and some kindling wood, that is, after he learned to make a fire. Coal with our present civilization is a necessity and we must have it. Talk about a slight lowering of the tariff endangering our present commercial prosperity. Is not this terrible struggle in the Wyoming Valley much more serious than any lowering of the tariff on some trust made monopoly a thousand times. I would own the coal mines if I were Uncle Sam, but that could not bring immediate relief, and I must close.

We are very like the poor sailor who was chased by a farmer, a bull dog and a powerful, long-horned bull. Poor Jack had run as far as he could and come to a high stone wall, against which he knelt. Looking over his shoulder and seeing that the bull was approaching fast with lowering horns, Jack gave utterance to the only prayer he knew and which he learned aboard ship. "For what I am about to receive may the Lord make me truly thankful." We will be saying our little prayer about November 15th, or sooner. W. S.

CHICAGO.

There is likelihood of a strike of the drivers for the express companies and it is giving the wholesale florists some uneasiness. The Chicago Wholesale Cut Flower Association held a called meeting at the Bismarck Hotel last Tuesday morning and appointed a committee, consisting of E. E. Pieser (of Kennicott Bros. Co.), E. C. Amling and Leonard Kill (of Peter Reinberg), to confer with the drivers to see if they would not make an exception in favor of cut flower shipments in case a strike was ordered.

Commission men say growers are losing money by not making their shipments more frequent during present market conditions. When the cut is small the temptation is strong to hold back until there is enough to make a regulation shipment, but that is not the way to get the fullest value for the stock. Keep it coming so the dealer can take the fullest advantage of the demand, which always has its ebbs and flows from day to day, and in fact from hour to hour, and also insure every bit of the stock reaching the market in a fresh condition. The same stock that will make a quick sale at $10 today may not bring $5 tomorrow. Freshness is an absolute essential these days.

Wieter Bros. are cutting Kalb and Pacific chrysanthemums and some small Eatons from early propagated plants. They are more than ever impressed with Ivory rose. Last week they sold some select blooms at as high as $20 per 100.

Kennicott Bros. Co. are receiving some fine yellow mums that have sold at $30 per 100.

Mr. A. L. Randall has returned from his summer home in Michigan and is ready for another season of hustle.

Mr. C. L. Washburn is on the sick list and is confined to his home at Hinsdale.

Lloyd Vaughan, with E. H. Hunt, is spending a few days in the city, but will shortly resume his trip on the road.

Mr. Isaac Kennedy, of Cleveland, is in the city. He has sold his interest in the J. M. Gasser Co. and is looking for new fields to conquer.

John P. Tonner, the florist of Montclair, has for some years suffered much from insomnia and other troubles, and last Sunday morning he became so desperate over his condition that he ended his life by shooting himself with a rifle. He was 73 years old and had been a resident of Chicago and vicinity for over fifty years. The business has for some time past been almost wholly conducted by his son, Walter Tonner, and the death of the father will in no way affect it.

Bond issues have been recommended by the South Park and Lincoln Park Boards for raising money with which to provide a series of small parks through

A Canna Field in the South.

some of the thickly built up sections of the city.

The regular semi-monthly meeting of the Florists' Club was held last Wednesday evening in Handel Hall building.

Mr. A. T. Boddington, of Cleas & Boddington Co., New York, was a visitor this week.

Uncle John Thorpe left for Kansas City last Saturday. He says the attendance at the Kansas City show will be 165,270, and insists upon the "seventy" as well as the rest.

Edgar Sanders is still progressing slowly but surely. Electric treatment is to be given shortly in an effort to hasten improvement. He keeps cheery and hopeful.

A SOUTHERN CANNA FIELD.

The accompanying engraving is from a photograph of a part of the twenty-five acres of cannas grown this season in the Carolinas by the Cleas & Boddington Co., New York. They have been growing their canna roots in the south for some years, increasing the acreage each year, and this season over half a million salable roots will be the outcome of this enterprise, notwithstanding the retarding influence of a cold, dry summer, which has necessarily lessened production materially.

In the southern states, where these cannas are grown in such large quantities, they are not lifted in the fall and placed during the winter under greenhouse benches or in storing sheds, where there is always considerable shrinkage from both dry and wet rot, but remain in the ground, sometimes in trenches, protected by a covering of pine needles or hay and earth and can be got at conveniently at any time when wanted.

Having a much longer season of growth, the roots are more thoroughly ripened, for which reason they keep better in the dormant condition than those grown further north, and will store in barrels, when cut, almost as well as tuberose bulbs, if they are not kept too warm or exposed to the air.

The varieties grown chiefly by the Cleas & Boddington Co. are standard sorts, such as: Mme. Crozy, Chas. Henderson, Florence Vaughan, etc., and although they handle such a great number, their list does not comprise more than twenty-five sorts altogether. They are grown in such large quantities and under such favorable conditions that it is often a source of wonder as to how they can be profitably produced at the low prices quoted in comparison to those of former years. The picture gives some idea as to how it is done.

NEW YORK.

Plant Breeding Conference.

The International Conference on Plant Breeding and Hybridization held in the rooms of the American Institute last week, was one of the most interesting and important meetings of its kind ever held in this country and brought together a brilliant assemblage of the brightest lights of the horticultural world. The sessions began on Tuesday and lasted until Friday, were well attended throughout, and over fifty essays, lectures and papers were read and considered, the interest being intense and continuous. On Thursday the afternoon session was held in the Botanical Museum Building, after an elaborate lunch, provided the conference by the Bronx Park authorities, and under Dr. Britton's guidance the members enjoyed a stroll through "Hemlock Forest," and a visit to the conservatories, which was greatly appreciated by all.

On Friday the Council of the New York Horticultural Society gave the delegates an excursion up the Hudson river to Poughkeepsie, where they became the guests of Mr. F. R. Newbold, of "Fern Top," and were delightfully entertained at his beautiful home and given a carriage drive through the extensive grounds of F. W. Vanderbilt before returning by train to New York. President Jas. Wood, of Mt. Kisco, made a charming chaperone and his elaborate description of the many points of interest on the Hudson was greatly enjoyed. Leonard Barron, the secretary, performed the onerous duties of his position most satisfactorily to all.

Where essays and addresses were uniformly excellent it is difficult to particularize. Professor W. Bateson, of Cambridge, was a great favorite and made himself very popular. He is a delightful speaker and has a charming personality. Geo. Nicholson, of Kew, whose great "Dictionary of Gardening" has made his name a household word in America, was most cordially welcomed, and is as modest and genial as ever. From the West Indies and Canada came William Fawcett, Dr. Morris, Professor Hutt, of Guelph; Macoun and Saunders, of Ottawa, and H. H. Groff, of Simcoe. Interesting addresses were also given by Professor Bailey, C. W. Ward and P. O'Mara, in addition to those mentioned in the programme.

Among those present were the following:

N. E. Hansen, Brookings, S. D.
W. Paddock, Colorado.
G. B. Brackett, Washington, D. C.
C. L. Watrous, Des Moines, Ia.
W. A. Orton, Washington, D. C.
Wm. B. Almond, Blacksburg, Va.
R. M. Kellogg, Three Rivers, Mich.
C. A. Zavitz, Guelph, Canada.
H. D. Hutt, Guelph, Canada.
W. T. Macoun, Ottawa, Canada.
H. F. Roberts, Manhattan, Kan.
Jesse B. Norton, Washington, D. C.
R. D. Connor, Roseville, N. J.
W. W. Tracy, Detroit, Mich.
C. S. Scofield, Department of Agriculture.
W. J. Spillman, Department of Agriculture.
H. C. Irish, St. Louis, Mo.
Frances G. Markham, Dorranceton, Pa.
Anna Dorrance, Dorranceton, Pa.
A. J. Pieters, Washington, D. C.
T. L. Leyon, Lincoln, Neb.
A. D. Showel, Urbana, Ill.
C. L. Allen, Floral Park, N. Y.
W. N. Hays, St. Anthony's Park, Minn.
W. Bateson, Cambridge, England.
Geo. Nicholson, Richmond, England.
Walter H. Evans, Washington, D. C.
S. Frazer, Briarcliff Manor, N. Y.
C. Beaman Smith, Department of Agriculture.
C. W. Ward, Queens, N. Y.
Fred W. Card, Kingston, R. I.
William Fawcett, Jamaica.
D. G. Fairchild, Washington, D. C.
H. C. Price, Ames, Ia.
F. S. Earle, New York Botanical Garden.
D. Morris, West Indies.
Alfred Rehder, Jamaica Plain, Mass.
L. H. Bailey, Ithaca, N. Y.
L. C. Corbett, Washington, D. C.
C. E. Allen, Madison, Wis.
Samuel Henshaw, Staten Island.
F. B. Lloyd, Teachers' College.
D. G. Johnson, Johns Hopkins University.
S. W. Underhill, Croton, N.Y.
F. M. Hexamer, New York.
F. H. Valentine, Ridgewood, N. J.
Nicholas M. Shaw, Briarcliff Manor, N. Y.
Wm. Saunders, Ottawa, Canada.
H. T. Crouse, Briarcliff Manor, N. Y.
Baron Van Herff, New York.
Jas. S. Meng, New York.
C. F. Austin, College Park.
H. H. Groff, Simcoe, Canada.
S. A. Beach, Geneva, N. Y.
F. R. Newbold, Poughkeepsie, N. Y.
F. C. Stewart, Geneva, N. Y.
F. V. Munson, Denison, Tex.
A. T. Jordan, New Brunswick, N. J.
Stewardson Brown, Philadelphia, Pa.
H. H. Rusby, New York.
C. S. Saunders, Ottawa, Canada.
O. F. Cook, Washington, D. C.
C. S. Phelps, Briarcliff Manor, N. Y.

Notes.

Mr. Gottlieb, at Alex. McConnell's, did some very handsome work for Gen. Kingsley's funeral at Rutland, Vt., last week, a standing cross of violets and wreath of orchids being especially worthy of mention.

Wadley & Smythe and Hodgson find the Newport season still profitable and will not close their stores there before the first of November.

The Professional Woman's League has a week of celebration at the Madison Square Garden, commencing Monday last, and a large quantity of cut flowers will certainly be used, the attendance being enormous. The Rustic Construction Co. has an exhibit there of summer houses and other samples of its work that is large and creditable.

Schloss Bros., the ribbon merchants, have some handsome novelties for florists this fall, their new violet silk embroidered scarfs and handkerchiefs at $2 per dozen being in great demand, are rapidly becoming popular.

The New York Florists' Club will meet on Monday next, October 13, at 128 E. Twenty-eighth street, and on account of the nearness of the great flower exhibition, the occasion will be of great interest and as large an attendance as

possible is requested. Several exhibits of plants and flowers are also expected and a special programme is being prepared to make the evening interesting. Full particulars as to the coming exhibition will be given and final arrangements completed.

Among visitors last week were Mr. Vick, of Rochester; Walter Mott, of Jamestown, and Mr. Clarke, the florist of Portland, Ore.; Warren Ewell, of Boston, and Wm. Tricker, of Riverton, N. J.

Mr. Withers, of "American Gardening," who was very ill last week with congestion of the lungs, is convalescing and his complete recovery now seems assured.

Mr. Bradshaw has returned from the "Sunny South" with many contracts for his holly supply completed and all arrangements made for a superior stock that will appeal to the best trade.

The firm of Bradshaw & Hartman is handling some excellent plants of all kinds, Bostoniensis especially. Many of the wholesale cut flower men seem to find this branch of the trade profitable.

The supply and variety of chrysanthemums is increasing daily and the quality is excellent. Nearly every retail establishment has a handsome display of them already, and the windows begin to "look like old times."

The "coal question" grows more serious daily. The continuance of warm weather alone holds in check the anxiety of the trade. Another week may lift the shadows and give hope to hundreds of growers who are now utterly unprepared for the winter.

The Clark-Potter wedding at Cooperstown, N. Y., on Saturday, was a brilliant affair, and the church and house decorations elaborate. Siebrecht & Son had charge of the floral display and shipped large quantities of palms from their conservatories for the occasion, one of the firms stating that three carloads had been forwarded.

The Thomas-Beekman wedding at Ardsley on the 8th, is another important event from the florists' view, and enormous quantities of flowers have been sent from New York for this decoration. The Rosary has the contract for the bridal and other bonquets, of white orchids, Brides and valley. J. H. Small & Sons have the decorations.

J. Austin Shaw.

PHILADELPHIA.

The Flower Market.

The first annual meeting of the stockholders of the Flower Market will be held next Thursday evening, October 16, provided the charter is received in time. The necessary papers have been in Harrisburg since October 2 and unless the coal strike monopolizes the governor's attention his name will be affixed in plenty of time to hold the meeting on the 16th. At this meeting the by-laws will be presented. These by-laws provide for the election of nine directors who have power to choose officers from among their number. Any florist who wishes to become a stockholder with power to vote at the first election should send his name and address accompanied by $5.00 for each share of stock he wishes to take to David Rust, Horticultural Hall, Broad and Locust streets, Philadelphia, at once.

The temporary directors have been busy preparing all sorts of plans and improvements to submit for final action of their permanent successors. This course is necessary if everything is to be in readiness by the first of November.

It is a fine thing to be a charter member of a worthy enterprise. It shows a man has pluck and courage and is not wholly selfish. It is an especially fine thing to be a charter member of the florists' enterprise because it shows how splendidly our florists pull together. Here are the names that went to the governor as stockholders in the proposed Flower Market:

List of Subscribers to the Stock.

John Burton, Wyndmoor, Chestnut Hill	50
Joseph Heacock, Wyncote, Pa.	50
H. H. Battles, 108 S. 12th St., Phila.	50
Henry A. Dreer, Inc., 714 Chestnut St., Philadelphia	50
Wm. K. Harris, 49th and Woodland Ave.	50
Robt. Craig & Son, 49th and Market Sts.	25
The Floral Exchange, 335 N. 6th St., Philadelphia	25
Johnson & Stokes, 217 Market St., Phila.	25
H. Bayersdorfer, 56 N. 4th St., Phila.	25
Henry F. Michell, 1018 Market St., Phila.	25
John Welsh Young, Upsal, Gtn., Phila.	10
Chas. E. Meehan, Musgrove & Slocum Sts.	10
John Westcott, Ridge and Lehigh Aves.	10
Wm. Wunder, Haines St., Pittville	10
Adolph Farenwald, Roslyn, Pa.	10
Robt. A. Craig, 49th and Market Sts.	10
Wm. P. Craig, 49th and Market Sts.	10
Geo. F. Krueger, Narberth, Pa.	10
Walter P. Stokes, 217 Market St.	10
Wm. C. Smith, 61st and Market Sts.	10
C. & G. L. Pennock, Lansdowne, Pa.	10
J. Wolff, Jr., 19th, bel. Columbia Ave.	10
Edwin Lonsdale, Wyndmoor, Chestnut Hill	5
Sam'l J. Bunting, 58th and Elmwood Ave.	5
J. Wm. Colflesh, 53d and Woodland Ave.	5
M. F. LaRoche, Collingsdale, Pa.	5
Jacob Becker, 52d and Market Sts.	5
C. W. Jennings, Olney, Philadelphia	5
Eugene Weiss, 8th, bel. Arch	5
David Bearn, Bala, Pa.	5
W. & Harry F. Evans, Rowlandville, Sta. F	5
Stephen Mortensen, Southampton, Pa.	5
H. Haenin's Sons, Ogontz, Pa.	5
H. G. Tull, 714 Chestnut St.	5
Geo. C. Watson, Walnut and Juniper Sts.	5
John Kuhn, 5th and Tabor Sts.	5
David Anderson, Garretford, Pa.	5
Jasper H. Lorimer, Corydon, Pa.	5
T. S. Skidelsky, 718 N. 16th St., Phila.	5
Wm. Swayne, Kennet Sq., Pa.	3
Thomas Foulds, Hoyt P. O., Mont. Co., Pa.	2
George Waterfield, Wynmoor, Chestnut Hill	2
Arthur Mallon, Jr., Wyoming Ave. and 2d St.	2
John E. Andre, Doylestown, Pa.	2
C. G. Papsch, West Moorestown, N. J.	2
Albert Knapper, Ambler, Pa.	1
John Holt, North Wales, Pa.	1
Chas. Zimmer, W. Collingswood, N. J.	1
R. G. Palmer, Doylestown, Pa.	1
Geo. E. Campbell, Flourtown, Pa.	1
C. W. Cox, 2d and Bristol Sts.	1
David Rust, Conshohocken, Pa.	1
Nelson Snedeker, Doylestown, Pa.	1
F. & H. Mergenthaler, E. Washington La.	1
E. D. Darlington, Doylestown, Pa.	1
Edw. Towill, Roslyn, Pa.	1
H. A. Miller, Chew & Manheim Sts.	1
Herman Zimmer, West Collingswood, N. J.	1
John Siebel, West Collingswood, N. J.	1
Geo. Carpenter, 60½ St. and Girard Ave.	1
W. L. Edwards, Norwood, Pa.	1
C. F. Knorr & Bro., Lawndale, Phila.	1
	610

The annual election of the Florists' Club of Philadelphia resulted as follows: John Westcott, Pres.; David Rust, Vice-Pres.; Edwin Lonsdale, Sec'y; J. Wm. Coldflesh, Treas.

Later—The governor has now signed the market company charter and a meeting has been called for Oct. 16 at Horticultural Hall.

PITTSBURG.

Business in this market has been exceptionally good the past week. The demand exceeded the supply, in fact the market was almost destitute at times. Lily of the valley was the only flower in evidence until Friday when matters were somewhat relieved. A quantity of mums arrived that day; these were quickly bought up at $15.00 per 100.

Some weather stained asters are still around, but these only sell when nothing else can be had. Beauties are scarce in all grades. Maids and Brides sold as high as $6.00 for the very best grades. Carnations bring from $1.00 to $2.00. Light colored dahlias are selling well; the yellows and variegated ones move very slowly.

Mr. Langhans, of the Cut Flower Co., reports shipping trade very good. This firm is receiving some very good violets, Maids and Beauties.

We florists are quite jubilant over the long list of debutantes for the ensuing social season; these functions always add materially to the season's business.

H. L. Blind & Bros.' houses at West View are now under glass. These boys are very hard workers and they usually have something to show for it.

The Pittsburg Rose and Carnation Co., at Bakersville, is cutting some very good Maids and Brides. The stock looks very promising for a large crop.

The Pittsburg Plantation Co., of this city, has made application for a charter and has filed incorporation papers at Dover, Del. They will cultivate all kinds of tropical plants, etc. Capital stock, $300,000.

Dr. J. F. Shafer, our enthusiastic collector of rare orchids, has opened his conservatory to the public every afternoon from 2 o'clock until 4. The finer plants are now in bloom and can be seen at their best this month.

Breitenstein & Flemm are displaying a general collection of fine ferns and plants.

Mrs. E. A. Williams' store on Penn avenue always looks charming and beautiful. Mrs. Williams again seemed the plant decoration at the Pittsburg Exposition.

Randolph & McClements report business good and many advance orders for weddings and debutantes.

Another benedict. The marriage of Miss Alma D. Klein to Mr. David Geddis, the Carson street florist, took place at 6:30 Wednesday morning, October 1st. To avoid a warm reception from his many friends David got up early that morning. The couple left for a short eastern trip. They have the best wishes of the craft.

One of our well known suburban florists saw an advertisement of a $2 fire escape, sent his money, and received a Bible by next mail; stick to the book, John, it's a good investment, just as necessary as Wm. Scott's Florists' Manual; it's well to have both.

Hoo-Hoo.

ST. LOUIS.

The Market.

The improvement in business noted a week ago did not last long. The weather had a good deal to do with it, as it rained nearly all of the past week. The Jewish New Year brightened up business somewhat for that day. There is plenty of stock on hand, though no piling up as yet. The stock seen at the different stores shows improvement in quality.

Some good Brides, Maids and Meteors are coming in, while Beauties of all grades are better than a week ago. Carnations from now on should be fine. Many of our local growers are sending in first-class blooms of the new varieties and also of the old ones. Carnations are in great demand, and not enough are coming in just now to supply it. Violets are still small and not many are seen. Chrysanthemums are as yet limited and are not rushing in as fast as anticipated. Only a very few can be

Employes of the State Nursery, Helena, Mont., and their Friends on an Outing.

seen in the florists' windows. This being fair week in St. Louis, the florists are looking for a fair week's business.

Notes.

Visitors last week were James Wilson, of Western Springs, Ill., and J. C. Vaughan, of Chicago.

Mr. and Mrs. Foreman, of Louisiana, Mo., are in the city spending a few days with friends.

The great St. Louis fair opens today, Monday. The full list of awards on plants, cut flowers and floral designs will appear in the next issue of the REVIEW.

The blooms from the seed sown by the members of the Engleman Botanical Club were displayed in the basement of the High School last Saturday afternoon. Allan Mohr was awarded first prize for having the best all-around garden in the city, and Carrie Hellage received second prize. The display of wild flowers made by Mr. Letterman, of Allentown, Mo., was a great attraction.

William Graft, a Chicago and St. Louis fakir, is reported to be in Chicago, representing himself to the Chicago wholesalers as a partner of Frank M. Ellis. Mr. Ellis wishes me to state that he has no partner, nor representative, buying flowers for him.

Club Meeting.

The Florists' Club will hold its regular meeting next Thursday afternoon. President Dunford expects a large attendance, as he and the trustees are making great preparations for the winter meetings, which are going to be very interesting for grower, retailer and wholesaler, all of whom are expected to attend regularly.

Bowling.

John Sturtz, of the Florists' Bowling Club, was elected secretary of the St. Louis Tenpin League; quite an honor for John. Eighteen clubs comprise the league, which opened Monday night.

J. J. B.

BEATTY, O.—The Fairview Floral Co. is to be incorporated with a capital stock of $25,000. Those interested are Albert Hahn, C. C. Kirkpatrick, Clifford Allen, Ed. Myers and J. S. Haley. The company will purchase the Haley greenhouses and stock.

A PICNIC GROUP.

The accompanying engraving is from a snapshot photograph of a group of employes of the State Nursery Co., Helena, Mont., and their friends while enjoying their annual picnic.

This year the party journeyed in two tally-ho coaches to the Missouri river dam, which furnishes electric power for Helena and also the largest mining camp in the west (Butte), supplying both cities with electric light, car power and power for numerous shops and smelters.

There were thirty-two in the party, and a quantity of provisions. Some went fishing, others strolled about the dam while several took a steam launch ride on the lake above the dam, which is on the Missouri river 3,000 miles from its mouth.

THE NEW YORK FLOWER SHOW.

[Read before the Tuxedo Horticultural Society, Oct. 7, by the manager of the New York show.]

Anent the coming exhibition of chrysanthemums, palms, orchids and foliage plants under the auspices of the New York Florists' Club, to be held at Madison Square Garden this month and officially known as the Flower and Sculpture Exhibition, it is well to say something perhaps beforehand—not only to write a prophecy, but to write of a few of the arrangements already made and plans and features adopted.

It is not possible to hold a show on the "Hurrah" plan because New York is New York and New York methods must be followed and any catch-penny feature must be barred. The National Sculpture Society this year is working in conjunction with the New York Florists' Club. I do not know of any co-exhibit that can be more harmoniously arranged or blended with horticultural exhibits so long as it does not outweigh the display of plants and flowers. It should, however, give an atmosphere of architectural effect pleasing to the eye, without giving one the impression that it is anything else essentially, but a horticultural exhibition and not an exhibition of statuary.

For the information of the unitiated I might say that the floor area of the amphitheatre of the Madison Square Garden is nearly 35,000 square feet and the height from floor to roof, which is of glass and iron, nearly 80 feet, so you see one has quite a large "hall" to fill and decorate.

The Sculpture Society have already received nearly two hundred entries. The pieces of statuary range all the way from miniatures that can be held in the palm of the hand to pieces weighing several tons.

As to the entries for plants, flowers, orchids, foliage plants, etc., as the latest date for making entries does not lapse until October 25 they are somewhat problematical, though enough entries are already made by the large exhibitors to make this line an assurance, with several "counties" to hear from.

As to the general layout of the exhibition plans and features to be exploited, the following word-picture may give a semblance of an idea as to the beauty and magnificence of the exhibition that is to be.

The entrance or lobby leading to the exhibition will be flanked alternately with statuary and bay trees—at the immediate entrance a large triumphal archway of trellis work painted white will be erected; this will be covered with wild smilax and other greenery; the base laid out in rustic work—statuary in the niches and banked with plants. Passing under the archway one will obtain a vista of the whole exhibition, a long unbroken walk 25 feet wide, will reach to the east end;—ranged on either side will be massed the cut flower exhibits, with a background of palms, foliage plants and statuary on pedestals. A feature of the cut flowers is that they will be arranged in groups of one color—on benches of irregular size and shape, in stairway fashion, the benches covered with sheet moss. The vases will be of uniform color, white, in harmony with the general color scheme, white and green.

At the east end, that is, opposite to the archway, will be erected an immense arbor, semicircular in shape, the two ends facing the arch, all of trellis work and painted white. The base will be 6 feet in height, 12 feet wide, while stairways of rustic work will lead to the promenade, where a view of the whole exhibition can be obtained. Each side of the platform will contain 16 archways of trellis work and the roof will also be a trellis—all painted white and covered with wild smilax; between the archways plants and statuary will be alternated; in the centre of the arbor on the amphitheatre floor will be a semicircular pool of water to be filled with water lilies and aquatic grasses; a fountain will be midway between the two ends of the arbor.

On the two sides of the amphitheatre, about midway from either side and ends, will be two square arbors of trellis work arched and about 40 feet in height in the same style as the other features, and on either side about midway between these arbors and the arch and semicircular arbors four fountains will be installed.

A hedge of cedars will surround the "Garden," clipped to the height of the "boxes" which surround the amphitheatre. Where possible these will be trimmed to give a toparian effect.

A canopy of some light material and light blue in color will be hung from the roof covering the whole of the rafters and reducing somewhat the height of the building—all bunting and vari-colored decorations will be barred.

The floor of the "Garden" will be laid with tan-bark; this will add moisture to

the air and be a great help to the plants —and free watering can be indulged in as there is nothing below this floor but "Mother Earth." Rustic seats and settees will be introduced and "stood around" where they will be most appreciated.

Formal tables for the exhibits will be entirely dispensed with where possible and groups of plants displayed in unconventional lines, specimens like foliage plants will be placed in raised beds, filled with tan-bark, so that the pots can be plunged.

Excellent judges have been appointed, and it now only remains for the curtain to run up and the show to begin. In conclusion I may say that success can only be achieved by the hearty co-operation of exhibitors and those interested in the success of the show. Send your entries in and stage them on time and then have it said that you materially helped to make a success of New York's most successful flower show.

Plant of New Canna "West Virginia."

CANNA WEST VIRGINIA.

We present herewith engravings from photographs of an individual plant and a field of the new Canna West Virginia on the grounds of the originator, Mr. Gustav Obermeyer, Parkersburg, W. Va.

It is a seedling from Queen Charlotte and the flowers are of similar color and markings, but the habit is dwarfed and Mr. Obermeyer considers it far superior in other directions. In the view of the field a small patch of Alphonse Bouvier is seen in the background to the left, and the comparative height of "West Virginia" may be noted.

It can be seen that the field was a mass of bloom when the photograph was taken, and Mr. Obermeyer writes that the variety starts blooming very early. He has had a fine lot of the plants in bloom for Easter in 3½-inch pots and only 8 inches high. He says he has never seen any other canna that will approach "West Virginia" as a free and continuous bloomer.

CINCINNATI.

The Market.

Though stock is scarce it has been impossible to advance prices over those of last week, as the quality is not there. Brides and Maids are both scarce, though there are more of the latter than the former. There are very few Meteors, but enough Liberties to take their place. Liberty has not as yet shown much quality. The stem is fair but the flower is inclined to come single, with little substance, and the color very dark in most cases. The present cut of Beauties is inadequate, but the prospects are good for a supply in the near future.

Chrysanthemums are making their presence felt and they are in good demand. Bergman are being cut but are not quite fully developed. Montmort is very good.

The supply of carnations is increasing, but not fast enough to keep up with the demand. In fancy sorts, Dorothy, Lawson and Estelle lead. Murphy's White is coming in fine shape and sells at sight. It has very long stems for so early in the season and the flowers are of very good size. Violets, both single and double, are now received in fair quantities. Cosmos and dahlias are now the only outdoor flowers in the market.

Business has been very good on the whole. The Jewish New Year created quite a demand. Weather is dark and rainy most of the time.

Death of Herman A. Betz.

On Saturday, at 7:15 a. m., Herman A. Betz passed away. He was one of five brothers living in this city, two of whom followed the florist's trade. Mr. Betz has been connected with the florist business in one way or another all of his life and at the time of his death was with Mr. J. A. Peterson at Westwood. He leaves a wife and one child, a daughter, about 10 years old. The funeral took place on Tuesday at 1:30 p. m., the four brothers acting as pall bearers. Mr. Betz was well known throughout the trade here and his sudden death will come as a shock to his many friends.

C. J. Ohmer.

CLEVELAND.

The Market.

There is nothing very startling here to report. Business is rather quiet, but is better than it has been, although there is plenty of room for improvement yet. We are having a great deal of rain, which has about spoiled most of the outside flowers that were left, especially asters. Outside carnations have a dirty and bedraggled look, and cosmos and tuberoses show the effects of the rain.

Cut flowers, as a general rule, are rather scarce here at the present time. Especially is this true in regard to carnations. Roses are coming in better, but there is plenty of room for improvement. There have been some mums displayed in the windows here, notably the J. M. Gasser Company's.

Among the Craft.

A visit among some of the craft this week found them all hustling their stock under cover, as most of them are afraid of a frost after so much wet weather.

G. M. Nanmann's place was in its usual good order. Here I found some very fine cyclamens. His mums, carnations and violets are looking very good indeed. He has one entire house devoted to primulas, mostly Primula obconica. He also has some very good Gloire de Lorraine begonias growing outside in frames.

Casper Aul has his mums in fine shape and will begin cutting in about ten days. His carnations are fine, especially White Cloud and Marquis, a number of which he has in the field yet, and which he expects to plant after his early mums. He has several very good seedlings, of which one especially fine is after the stamp of Daybreak in color, but built much higher and with a much better calyx. He has a nice lot of hydrangeas in the field that he is about ready to lift. Here one new house has been added this year—a lean-to about 60 feet long by 12 feet wide.

G. Stehn was busy making geranium cuttings when I called. His stuff is all looking well, one house of violets giving promise of a good crop of flowers.

Tenep.

TORONTO.

Toronto has been favored with that kind of weather which has just about finished outdoor and garden flowers,

Field of New Canna "West Virginia."

with the exception of dahlias, which are coming in in quantities. In fact, we believe W. W. Tattle is reaping a harvest, bringing in two loads daily. Cut stuff in general has been short and the demand good.

A visit to Miller & Sons, Bracondale, reveals stock in general looking very well, but then "mum's the word." Mr. Miller wears one of those broad smiles which he alone is master of, as he shows all his winter's fuel in a pile at the end of the greenhouse; those who are less fortunate do not wonder these times.

A visit to the retail stores shows every one making preparations for a big season. A number of the stores have undergone considerable alterations, and those that have not been remodeled have been treated to a considerable quantity of paint. Tidy & Son have just put in a new refrigerator and show case, which makes their store look considerably more up-to-date.

There is a rumor that a couple of the large wholesale firms are thinking seriously of opening stores, and if they do we have no doubt they will show the present generation of retailers how to fit up a florist's store and run it as it should be run. (Of course, they may change their minds.) D. J.

MILWAUKEE.

The Market.

The shortage of flowers in this market is unprecedented. There are practically no carnations in the market, and the supply of roses is far below the demand. It is all due to the continued dark weather for the past two weeks. Mums are not making any headway, so few are seen in the market. Violets are also coming in very slowly. Prices have advanced and roses range from $4 to $7 per 100; carnations from $2 to $3, according to quality.

Coal.

The coal question is beginning to be a serious problem with the florists. Hard coal cannot be obtained at all, and soft coal has advanced to almost double in price and no contracts will be accepted at present. The C. C. Pollworth Co. put in about 1,200 tons, mostly Pocahontas, before prices advanced, having laid in most of their supply in July and August. Pocahontas mine run is now quoted at $6.00 per ton, while other grades of soft coal which formerly sold at from $2.50 to $3.50 are now $4.50 to $5 per ton. Most of the trade in the northern part of the state burn pine slabs, so they will not be affected by the condition of the coal situation.

Notes.

The florist bowlers in the City League have won but one game out of six, although in the last series of three games the boys rolled a team average of 180¾ and lost on very small margins in each game.

W. H. Ellis has opened up a retail stand in the lobby of the Wells building.

William Brauch has opened a store at Farewell avenue and Brady street.

Incog.

PROVIDENCE, R. I.

At the recent exhibition of the Rhode Island Horticultural Society, James Hockey, Charles Forbes and Farquhar Macrae were the judges of flowers. The display of dahlias was very extensive and the leading prize winners were H. F. Burt, W. P. Lothrop, W. H. Tarbox and Mrs. Samuel Lewis.

There was a large display of annual flowers, the numerous prizes being awarded to various amateurs.

There were many fruit entries also and the display was very attractive.

Mr. E. Haentze, of Fond du Lac, Wis., who is now abroad, writes from Erfurt, Germany, where he attended the exhibition of the German Dahlia Society, Sept. 6 to 14, and says he will send the Review some notes regarding same shortly.

South Atlanta, Ga.—Lyle C. Waterbury, formerly in the business at University Park, Colo., is now superintendent of Industrial Work at Clark University here.

Danvers, Mass.—Learnard & Shirley are adding to their plant one house 60x20 feet.

CHRYSANTHEMUM SOCIETY OF AMERICA.

President Herrington has announced committees to examine chrysanthemum seedlings and sports on dates as follows: October 4, 11, 18, 25, November 1, 8, 15, 22, 29, 1902.

Boston, Mass.—E. A. Wood, chairman, care Boston Flower Market, No. 1 Park street; James Wheeler, William Nicholson.

New York, N. Y.—E. Dailledouze, chairman, care New York Cut Flower Company, Twenty-sixth street and Sixth avenue; James W. Withers, William H. Duckham.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; William K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; George Stollery, E. Wienhoeber.

Cincinnati, O.—Albert Sunderbruch, chairman, care Cincinnati Cut Flower Company, 437 and 439 Main street; James B. Allan, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of $2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Anyone having a variety in season before or after the dates fixed can have the same passed upon by specially notifying the chairmen of committees. EDWIN LONSDALE, Secretary.

Wyndmoor, Chestnut Hill, Philadelphia, Pa.

Mechanicsville, N. Y. — William Baker is building a house 22x96.

Danville, Ill.—Jay Frazier is building a greenhouse and will start in the business.

Newburyport, Mass.—J. J. Comley, the Buck street florist, has opened a store on Pleasant street.

Marshalltown, Ia.—J. H. Wright has about completed two new houses, one 20x100 and the other 20x50.

Richmond, Ind.—William Moore of Milton has purchased one of Thomas H. Peets' greenhouses and has put it up in Milton. Mr. Peet is erecting a larger one.

Saginaw, Mich.—The school children made a very pretty display of flowers and plants last week. Numerous prizes were awarded by the Civic Federation of Women's Clubs.

Shelbyville, Ky.—M. L. Dubourg, the florist, recently offered a handsome palm as a prize in the voting contest for the most popular woman in the county. The winner received 21,675 votes.

Carrollton, Mo.—The Carroll County Nursery is now owned by Stephens Bros., Austin, Charles and Frank Stephens having purchased the undivided half interest of A. J. Lee and J. W. Higinbotham.

Norwalk, O.—The West End greenhouses, which have been under the management of Floyd Anderson for the past two years, have been sold to R. C. Mackall of Beaver, Pa. Mr. Mackall will move them to Beaver and run them in connection with his nursery.

Decatur, Ind.—J. A. Ernsberger of Delphos, O., has completed arrangements to erect in this city one of the largest greenhouses in this part of the state.

Mattoon, Ill.—Two new greenhouses are being erected by A. Kirchgraber & Son. The dimensions of each are 60x20 feet, and will cost $1,000.

Stockbridge, Mass.—Notice has been issued by W. F. Hawkins, attorney, that the business heretofore conducted under the name "Laurel Hill Nurseries" has been discontinued and that Mr. Frank Brunton is no longer connected with same.

ORCHIDS VALLEY **Samuel S. Pennock,** ORCHIDS VALLEY
Open from 7:30 a. m. to 8:00 p. m. 1612-14-16-18 LUDLOW STREET, PHILADELPHIA, PA.
Mention The Review when you write.

BOSTON.

News Items.

Scarcity of news is a distinct feature at present. Coal is, of course, the chief subject of conversation, and upon this question the florists' opinions are much like those upon bloomers—they are divided. Some favor the operator and some the operatee. Personally, I notice that if a railroad wants to put a track where your house stands, they put it there and arbitrate afterward. Poor rule that will not work both ways.

Mr. Benwell, salesman for Hews' flower pots, lost an arm some few weeks since by accidentally getting it caught in some of the manufactory machinery.

Daily papers make quite an issue of the discovery of an old document by Mr. Waters while fitting up rooms for the Milk Street Floral Co. It was the enlistment roll of the Old New England Guard, whose existence was known to military men, but not its location. It is of value to them and is of the date of 1814. It seems the New England Guard was a crack company in its day.

J. S. Manter.

DETROIT.

On Saturday evening last Messrs. George Reynolds and Harry Smith, of Grosse Point, entertained ten of the florists of the city at a stag dinner with a most elaborate menu. A most enjoyable time was had, and all participating voted the entertainers royal good fellows.

Cut flowers have been scarce for some time, but the sun has come out again and we may soon look for a larger supply. Rackham is cutting some fine blooms of Kalb and Willowbrook mums.

At the next meeting of the club the members will listen to a lecture by Mr. Alexander, the park botanist, on "Botanical Classification of Plants." The new president seems to be taking hold with a determination to make a record. There are several outings in view for the members, one to Mt. Clemens to visit the boys, one to Wyandotte, as the guests of Mr. Henry Smith, and the anniversary of the opening of the Michigan Cut Flower Exchange. All these together with the regular club work will keep the boys from getting the blues over the coal question, as the most of them are supplied in a measure.

Had a very pleasant visit with W. C. Cook, of Kalamazoo, on Sunday last.

It looks at present as if there would be quite a delegation from here to the Chicago show in November. Rag.

THE RETAIL FLORIST.

Next week we shall publish the first of a series of engravings from photographs of designs arranged especially for illustrating this department. The series will include hundreds of engravings, and they will cover every phase of the work of the retail florist. We believe the series will prove vitally interesting and exceedingly helpful to all in a very practical way.

Colorado Springs, Colo.—The members of the Hortieultural Society recently visited Glen Eyrie, General Palmer's estate, which R. J. Coryell has brought to its present condition of beauty and completion. It was a very enjoyable and instructive outing.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—As regular fireman by married man; has had several years experience in general greenhouse work. Address R. T., care Florists' Review.

FOR SALE—In changing plans for greenhouses I find I have a surplus of wrought iron pipe which I will sell at the following net prices: 1500 feet 1-inch at 4½c per foot; 3000 feet of 1¼-inch pipe at 6¼c per foot; 400 feet 1½-inch at 7½c per foot; 500 ft. 2-in at 10c per foot. Please note this is not second-hand pipe, but new pipe tested to 400 lbs. water pressure and fitted with threads and couplings. At the above prices it will pay you to buy it even to use for supports. Will accept orders for all or any part. First come, first served. Address Surplus, care Florists' Review.

WANTED—25 second-hand sash in good order. F. N. Hadden, 10 Everett St., Malden, Mass.

WANTED—A reliable firm in St. Paul, or vicinity, that can use the cut flowers of 2000 standard carnation plants and the cut from 1000 Bridesmaid, Meteor and Golden Gate rose plants. Address Northern Iowa, care Florists' Review.

WANTED—An all-around good man, single, to take care of small garden and horse. Address C. M., care Florists' Review.

WANTED—200 feet good second-hand 4-in. cast pipe, 5 ft. lengths, or good wrought pipe. Logan Avenue Green Houses, Danville, Ill.

FOR SALE—Carton Hot Water Boiler No. 8, series A, patented 1895, 8 sections. Grate surface 17⅛ x 42 inches, capable of heating 5000 ft. of glass. All fittings complete, together with expansion tank. Price, $35.00, f. o. b. Used one season, practically as good as new. Reason for selling, death of owner and dissolution of business. Mrs. W. C. Phillips, Billerica, Mass.

WANTED—All-around florist to take charge of 6000 ft. of glass. Answer with reference, description, and wages expected with board, room and washing. Address J. C. Steinhauser, Pittsburg, Kans.

WANTED—Good florist on small place; will give $30 to right man with board and room, etc. Address Florist, care Florists' Review.

WANTED—Man for greenhouse work, strictly temperate, reliable and not afraid of work, must be a good propagator of plants; able to grow carnations and roses. State wages wanted with or without board. Murphysboro Greenhouses, Murphysboro, Ill.

WANTED—A good man for store work and delivery. Mrs. Geo. Anderson, 14 Colorado Ave., Chicago.

WANTED—A night fireman—hot water. One that is used to greenhouse work. Must be sober and thoroughly reliable. S. Murray, 1017 Broadway, Kansas City, Mo.

WANTED—TO BUY—In Northern Indiana or Southern Michigan, an established florists' business with about 5000 ft. of glass. Don't write if your place is a ruin or you are being run out with competition. Address Business, care Florists' Review.

FOR SALE—One Hitchings boiler, No. 19, in perfect condition. Price $125.00, f. o. b. William Lee & Son, Bedford, Ohio.

SITUATION WANTED—By an all-around gardener; eleven years' experience in park and greenhouse work; single and a good worker. Address F. G., care Florists' Review.

WANTED—Three or four young men as helpers in our rose and smilax house. Apply to Bassett & Washburn, Hinsdale, Ill.

WANTED—Address of Arthur L Hilton, formerly of Setauket, N. Y. Address P. H. A., care Florists' Review.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Good retail trade. Address S. S., care Florists' Review.

FOR SALE—One No. 9 Invincible Scollay hot water boiler; been in use two winters. Estimated heating capacity 2250 ft. 4-in. pipe. $160.00 cash. Cost $280.00. Deer Hill Conservatories, Danbury, Conn.

SITUATION WANTED—West preferred, by man of superior abilities, as grower and manager on large establishment where high-grade stuff is a specialty. Proficient in mums, roses, carnations, orchids palms, fruit under glass and general stock. Experienced in stock, tillage, truck farming, etc. Only position that offers profitable employment to the most advanced man of the day will be considered. J. Cantwell, Box 321, Glen Cove, N. Y.

FOR SALE—Horizontal tubular boiler 48x15 with plu hat dome and with thirty-nine 3½-inch flues; very suitable for heating hothouses. Apply to Wisconsin Box Co., Wausau, Wis.

FOR SALE—Seven acres of land; greenhouses, over 6000 feet under glass; good location; good 7-room dwelling house; No. 1 flowing well; good business; retiring from business on account of failing health. For particulars address T. Kloss, St. Peter, Minn.

FOR SALE OR LEASE.

GREENHOUSE PLANT.
(10,000 sq. ft Glass.)

Seven greenhouses, nearly new, well built brick walls, hot water heat, good location in city of 60,000 inhabitants on Lake Erie. Very little capital required. Would sell half interest. Address **Penna, care Florists' Review.**

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; terms reasonable; best of reasons. Correspond with

ROBERT P. TESSON, Trustee,
4248 Olive Street, ST. LOUIS, MO.

RETURN YOUR EXHAUST STEAM WITH
PRATT & CADY'S AUTOMATIC TRAP.

I have three second-hand traps in first-class condition **FOR SALE CHEAP.** Also two 75 horse - power steam boilers and one Furman, No. 11, steam. One small Scollay boiler, No. 4, in good condition.

ALL AT A BARGAIN.

A. N. PIERSON, Cromwell, Conn.

Mention The Review when you write.

LEO NIESSEN,
VALLEY, BEAUTIES.

N. W. Cor. 13th and Filbert Streets,
PHILADELPHIA, PA.

Store open from 7 a. m. to 8 p. m. until further notice.

Mention The Review when you write.

Special Offer.
White Roman Hyacinths
Paper White Grand. Narcissus

UNUSUAL VALUE.
QUALITY UNSURPASSED.

	Per 100	Per 1000
White Roman Hyacinths, 12 to 15 centimeters (none better)	$2.25	$22.00
True Paper White Grandiflora Narcissus, 13 centim. and over, fine bulbs (1000 to case)	1.00	8.50
Single Named Dutch Hyacinths, separate colors, for pot forcing	3.25	30.00
Single Dutch Hyacinths, separate colors, splendid bulbs, for bedding or forcing	2.30	22.00

Send for our Bulb List.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, October 8.

	Per 100
Beauties, Extra	$20 00 to $25.00
" No. 1	10.00 to 15 00
" Shorts	4.00 to 6.00
Brides and Maids, Extra	.400
" " No. 1	2.00 to 3.00
" " No. 2	1.00
Golden Gates	2.00 to 4.00
Liberty	2.00 to 4.00
Meteors	2.00 to 1 00
Carnations, Commons	.75 to 1.50
" Fancies	1.50 to 3.00
Adiantum cuneatum	.75 to 1 00
Asparagus plumosus	50.00
Asparagus Sprengeri	25.00 to 35.00
Valley	4.00 to 5.00
Chrysanthemums, Ordinary	8 00 to 10 00
" Fancy	12.50 to 15 00
Violets, Ordinary	.35 to .50
Dahlias	1.00 to 2.00
Cosmos, 25c to 35c per bunch.	
Smilax	12.50 to 15.00
Galax, per 1000, $1.00	.15
Leucothoe	.50
Common Ferns	.15

FOSTORIA, OHIO.

The Fostoria Floral Co., of this city, has just completed a 120x13-foot house that is to be used for growing smilax and ferns. On this house the Hippard gutter was used, and several of the other houses are equipped with Garland gutters. This firm has added several new houses to its plant of late years, which now consists of about 30,000 feet of glass. Five houses, 100x20, are filled with Maids, Brides, Golden Gates, Meteors, Perles and Kaiserins; three houses, 75x20, with leading kinds of carnations; one house, 75x20, with chrysanthemums; one house, 50x20, with palms and Asparagus Sprengeri; two houses, 120x13, with A. plumosus and Boston ferns, also a small propagating house. The entire stock on this place is in fine condition, especially the carnations and roses, the most of which is shipped to neighboring towns. Next spring Mr. Sackett, the proprietor, intends to put up another range of houses. VIKING.

PEKIN, ILL.—A special park election will be held Oct. 28. It is hoped that it will result in establishing a park system in this city.

LEXINGTON, MASS.—The rare collection of camellias owned by the late James Comley has been sold to the Raymond Hotel, Pasadena, Cal., and was recently shipped to its new home.

ROCHESTER, N. Y.—The local florists are preparing to protest against allowing flower stands on the streets.

Umbrella Plant

Cyperus Alternifolius, 1500 fine 6-inch pot plants, **$2.50** per doz.; **$20.00** per 100.

Boston Ferns.

6-inch pans, **40 cents.**

These plants are very good value. Samples sent for stamps.

H. H. BATTLES,

Thorn Hedge, Newtown Square, Del. Co., Pa.

Mention The Review when you write.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hard wood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100; **$45.00** per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

FANCY or DAGGER FERNS, 75c per 1000. Discount on large orders. Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

PRIMULA POISONING.

For Primula obconica poisoning put a tablespoonful of fir tree oil in a quart of warm rain water and bathe and bandage the affected parts. Have used this remedy with success many times in my thirty years' work. It also heals any eruptions of the skin.

MRS. R. B. HORR.

Paola, Kans.

DAVENPORT, IOWA.—H. G. Pauli has added a new house 24x100, which gives him a total of four houses, two being 24x100, one 16x100, and the other 10x100. He has also installed an additional boiler.

GEORGE M. MOSS,

WHOLESALE FLORIST,

Beauties, Brides, Maids, Carnations, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia,

Long Distance Telephone.

Mention The Review when you write.

Eugene Bernheimer

WHOLESALE FLORIST.

Large assortment of

Roses, Carnations and Asters.

11 South 16th Street.
PHILADELPHIA, PA.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

Mention The Review when you write.

Garland Evergreen Co.

Shippers of all kinds of

Decorative Evergreens, Wild Smilax, Fancy and Dagger Ferns, Mosses, Holly, Etc.
Also Southern Smilax Plants.

Wire for prices. GARLAND, ALA.

Mention The Review when you write.

Asparagus Sprengeri

	100
500 3-inch pots	$ 6.00
500 2½-inch pots	3.00
250 Asparagus Tenuissimus, 4-inch pots	6.00
200 Asparagus Plumosus, 4-inch pots	10.00
25 Boston Ferns, 8-inch pots, each	.90
50 Rubber Plants, 20 to 24 inches, 6-inch pots, each	.45

Cash with order.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

Areca Lutescens, Kentia Belmoreana, Kentia Forsteriana and Latania Borbonica.

Price List for the asking.

Charles Millang, 50 W. 29th St. NEW YORK.

LILIES AND VIOLETS "THE LILY KING." All Kinds of Flowers and plenty of them.

We have the stock of some of the best violet growers in the country. OUR SPECIALTIES. Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it. TELEPHONE NUMBER 2230 MADISON SQUARE.

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Beauties, Meteors, Brides and Bridesmaids are the leaders.

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ORCHIDS A SPECIALTY.

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THE VIOLET AND CHRYSANTHEMUM HOUSE OF AMERICA.

ALL VARIETIES OF CUT FLOWERS SOLD ADVANTAGEOUSLY FOR CONSIGNORS.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICE.

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108 W. 28th Street, Tel. No. 168 Madison Sq. NEW YORK CITY

We ship all over the U. S. Out-of-town florists telegraph your needs. Consignments of first class flowers always realize with us the best market prices.

If years of great success and reputation for stability,
Are proof of first class goods and true reliability,
Then why the shadows follow, why seek elsewhere what you need?
We may not do all the business, but you well know that we lead.

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55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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Author of "HOW TO MAKE MONEY GROWING VIOLETS."

WHOLESALE FLORIST,

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Daily Reports. Weekly Payments.

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Wholesale Cut Flower Prices.

New York, October 8.

	Per 100
Beauties, Specials	$15.00 to $20.00
" Fancies	12.00 to 20.00
" Extras	10.00 to 15.00
" No. 1	6.00 to 10.00
" No. 2	3.00 to 5.00
" No. 3	1.00 to 1.50
Queen of Edgely, Specials	20.00 to 25.00
" " Fancies	15.00 to 20.00
" " Extras	10.00 to 12.00
" " No. 1	3.00 to 5.00
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 6.00
" " No. 1	2.00 to 4.00
" " No. 2	1.00 to 1.50
Golden Gates	.50 to 4.00
Liberty	2.00 to 8.00
Meteors	.50 to 4.00
Perles	1.00 to 3.00
Cattleyas	30.00 to 50.00
Cypripediums	10.00 to 20.00
Dendrobium formosum	35.00 to 40.00
Carnations, Commons	.75 to 1.50
" Selects, white	1.00 to 2.00
" " pink	1.00 to 2.00
" " red	.50 to 1.00
" Fancies	2.00 to 3.00
" Novelties	4.00 to 5.00
Adiantum cuneatum	.50 to 1.00
" Farleyense	6.00
Asparagus plumosus, Strings	25.00 to 35.00
Plumosus Sprays, $2.00 a doz. bunches.	
Sprengeri Sprays, 2.00 "	
Gladiolus	.50 to 1.00
Chrysanthemums, Ordinary	3.00 to 5.00
" Fancy	15.00 to 40.00
Auratum lilies	6.00 to 12.00
Longiflorum lilies	8 00
Valley	2.00 to 5.00
Tuberoses	1.00 to 2.00
Violets	.30 to .50
Galax, per 1000, $1.00.	
Leucothoe	1 00
Common Ferns, per 1000, 50c to $1.00.	

A reference to prices for cut flowers exhibits little change from last week's quotations. The quality of all shipments shows improvement and the supply is abundant. With the Jewish holidays and the cooler weather business was on the mend. The "cold wave" came on Tuesday as promised from the west, but it was pretty well warmed before it arrived. Asters, gladioli and dahlias are all "in the sere and yellow leaf" and their glory has departed. The carnation has again asserted itself and the quality of stock is greatly improved and improving every day. Mildew has affected the rose supply badly and much of the stock is unpresentable. Violets are abundant and prices low. J. A. S.

VIOLETS. Strong field-grown Marie Louise, $5.00 per 100.

Cash with order.

I. N. KRAMER & SON, Cedar Rapids, Ia.

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JOHN YOUNG

Special American Beauties, Surpassing Carnations, Lily of the Valley, Orchids and all seasonable flowers.

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Tel. 1905 Madison Sq.

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Are supplying the most superb stock of Seasonable Flowers ever offered to New York buyers. Meteor, Liberty, Beauty, Bride and Maid Roses. Splendid Cattleyas.

Send for quotations.

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BRADSHAW & HARTMAN, Wholesale Florists,

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Vigorous, 6-inch pots, 18 inches high, **$12.00** a dozen. Also 7-inch at **$1.50** each; 8-inch at **$2.00** each.

JOHN WELSH YOUNG, GERMANTOWN, Upsal Station, Penna R. R. Philadelphia, Pa.

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Only first class stock handled.

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BUYS New, Rare and Choice PLANTS and FLOWERS.

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MACHINE WIRED TOOTHPICKS

10,000....$1.50; 50,000....$6.25

3000 6-inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

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Begonias OUR GREAT SPECIALTY.

Mrs. Shepherd's Tree Begonia, assorted, 2½-in. pots, strong, $2.00 per doz., delivered.

Marjorie Daw, fine Winter bloomer, 2½-in. pots, $1.60 per doz., delivered. Larger sizes on application. **Many other Begonias** in great variety. Send for Catalogue and Trade Lists.

THEODOSIA B. SHEPHERD CO.,

Ventura-by-the-Sea, CALIFORNIA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, October 8.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Specials	6.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Cusin	2.00 to 4.00
Carnot	4.00 to 8.00
Meteor	2.00 to 6.00
Perle	2.00 to 4.00
Kaiserins	2.00 to 8.00
Liberty	2.00 to 8.00
Sunrise	3.00
Carnations, Commons	.75 to 1.00
" Fancies	1.50 to 2.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus, Strings	30.00 to 50.00
" " Sprays	1.00 to 2.00
Asparagus Sprengeri, Sprays	2.00 to 4.00
Asters	.50 to 1.50
Chrysanthemums	12.50 to 15.00
Dahlias	1.50 to 3.00
Valley	2.00 to 4.00
Violets, Ordinary	.50 to .75
Smilax	6.00 to 15.00
Galax	.15
Common ferns	.20
Leucothoe	1.00

Wholesale Cut Flower Prices.

Boston, October 8.

	Per 100
Beauties, Specials	$25.00
" Extra	20.00
" No. 1	15.00
" Shorts	6.00 to 10.00
Brides and Maids, Specials	8.00
" " Extra	6.00
" " No. 1	4.00
" " No. 2	1.00
Carnots	2.00 to 8.00
Golden Gates	2.00 to 6.00
Kaiserins	2.00 to 12.50
Liberty	2.00 to 12.50
Meteors	2.00 to 12.50
Morgans	2.00 to 6.00
Carnations, Commons	1.00 to 2.00
" Fancies	2.00 to 4.00
Callas, scarce	10.00
Dahlias	.50
Gladiolus	5.00 to 8.00
Longiflorum lilies	10.00 to 12.50
Valley, scarce	3.00 to 5.00
Smilax	10.00 to 12.50
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus, Strings	50.00
" " Sprays	1.00 to 2.00
" sprengeri, Sprays	1.00 to 2.00
Violets,	.50 to 1.00
Galax	.15
Common Ferns	.10
Mignonette	1.00
Chrysanthemums, Ordinary	6.00 to 10.00
" Fancy	10.00 to 16.00
Asters	.50 to 1.00
Tuberoses	4.00

Supply and demand pull together very well here. The only incongruity is that there is not much demand for the supply, nor supply for the demand. Saturday the demand got ahead and prices for the day took a jump; but as it is not the right date for a permanent advance, I hardly apprehend anything of the kind. A few pleasant days will regulate everything, except possibly carnations, which may insist on holding back a bit. Single violets are becoming more and more plentiful, and I saw a shipment of double ones arriving at Welch Bros.' the other day among their usual generous supply of all kinds of flowers. Chrysanthemums, too, are silently pushing their way, but as yet I have seen only a few colored ones. Asters are getting tired and sorry, indeed, and act as if they meant soon to drop out of the race. Later crops will probably arrive yet if good weather obtains.

Buffalo, October 8.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	12.50 to 18.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Extra	6.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnots	3.00 to 8.00
Cusins	2.00 to 6.00
Golden Gates	3.00 to 6.00
Kaiserins	3.00 to 8.00
Liberty	3.00 to 8.00
Meteors	2.00 to 6.00
Morgans	2.00 to 6.00
Perles	4.00 to 5.00
Sunrise	4.00 to 5.00
Cattleyas	40.00 to 60.00
Carnations, Commons	.75
" Selects	1.00 to 2.00
" Fancies	2.50 to 3.00
Adiantum cuneatum	.50 to 1.25
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 2.00
Asparagus Sprengeri, Sprays	1.00 to 2.00
Callas	8.00 to 10.00
Chrysanthemums, ordinary	10.00 to 15.00
Dahlias	.75 to 1.50
Gladiolus	1.00 to 2.00
Speciosum lilies	3.00 to 5.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	.75 to 1.00
Violets, ordinary	.40 to .50
" extra	.60 to .75
Galax, per 1000, $100 to $2.00	
Common ferns, per 1000, $1.00 to $1.50	

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...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

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BOSTON FERNS!

We are headquarters in the west for them. Write us about 2½, 3, 4, 5, 6, 7, 8 and 10-inch sizes.

Asparagus Plumosus .....and Sprengeri!

2½, 3, 4 and 5-inch.

Smilax. 2 and 3-inch.

A lot of 5-in. **Hibiscus** to close, $1.50 per doz.

Cinerarias. In 2½ and 3-inch.

Geraniums. R. C. now ready. Write

GEO. A. KUHL, Pekin, Ill.

HARDY CUT DAGGER and FANCY FERNS.

A-No. 1 quality, $1.00 a 1000.

Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.

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Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.

"CLUSTER OF ROSES" Tag, 3 kinds.

LABELS. "RED ROSE" and others.

Low Priced. Samples Free.

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533 Broadway, **NEW YORK.**

Headquarters for Florists' RIBBONS and NOVELTIES.

Telephone No. 3872 Spring.

Wholesale Cut Flower Prices.

Chicago, October 8.

	Per doz.
Beauties, 36 to 40-inch stems	$ 4.00 to 5.00
" 30-inch stems	3.00 to 3.50
" 24 "	2.50 to 3.00
" 20 "	2.00 to 2 50
" 15 "	1.50 to 2.00
" 12 "	1.00 to 1.25
" 8 to 10-inch stems	.75 to 1.00
" Shorts	.50 to .75
	Per 100.
Bridesmaids, Specials	8.00
" Firsts	6.00
" Seconds	4.00 to 5.00
" Culls	2.00 to 3.00
Brides, Specials	8.00
" Firsts	6.00
" Seconds	4.00 to 5.00
" Culls	2.00 to 3.00
Kaiserins, Specials	10.00
" Firsts	8.00
" Seconds	4.00 to 6.00
Perles, Firsts	4.00
" Seconds	3.00 to 4.00
Liberty, Specials	10.00 to 12.00
" Firsts	6.00 to 8.00
" Seconds	4.00
Golden Gate, Firsts	8.00
" Seconds	5.00 to 6.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3 00
La France	12 00
Mme. Chatenay, Firsts	10.00
" Seconds	6.00 to 8.00
Sunrise	4 00 to 8.00
Ivory, Firsts	10.00 to 12.00
" Seconds	5.00 to 8.00
Carnot, Firsts	10.00
" Seconds	4.00 to 6 00
Carnations, Fancy	4.00 to 5.00
" Commons	2 00 to 3.00
Valley	3.00 to 5.00
Violets	.70 to 1.25
Harrisii lilies	15.00 to 18.00
Chrysanthemums (Fitzwygram)	8.00 to 16.00
" " (Kalb, etc.)	20.00 to 30 00
Smilax	8.00 to 12.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" " Sprays	2.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

The rain and gloom continued all through last week and with increasing demand and no expansion in receipts, prices have hardened materially all along the line, as will be seen by the quotations above.

Quality of roses has improved somewhat in spite of adverse weather conditions, and though culls are sold at as low as $2.00, as quoted, still very few are in this class and sales below $3.00 are uncommon. The bulk of the roses bring $4.00 to $5.00, with a respectable proportion reaching $6.00, while a comparatively few reach the $8.00 grade.

The shortage of carnations continues greater than that of roses, and carnation prices are considerably stiffer than last week. Though we quote fancy at $4.00 to $5.00 we hear of a few selling at $6.00. Of course there are some off quality blooms and occasional left overs from the day before sold at less than $2.00, but they are few, and $2.00 is practically the bottom, with the bulk of the stock bringing $2.50 to $3.00.

Fitzwygram no longer has the chrysanthemum field to itself. Kalb, Pacific and other sorts are appearing and of course they command better prices. A few belated asters are still arriving, but the quality is poor and they are so few as to in no way affect the market.

Double violets are improving rapidly in quality. They are largely Campbell, though there is a fair amount of Louise, and the best of them bring $1.00 to $1.25.

On Monday the sun again showed himself and we have had bright weather since. If it continues, as the weather bureau predicts, the supply will no doubt soon be swelled, with a consequent easing of prices. But no serious slump is likely, as demand shows a steady increase.

F. W. O. Schmitz, Prince Bay, N. Y., received by S. S. Vaderland his first lot (130 cases) of azaleas, and will now be in a position to meet all requirements of the trade. He sent two carloads of seed potatoes to Bermuda on last and previous steamer which were grown on his new farm on Staten Island, N. Y.

Mr. J. M Lamb informs us that the new carnation house just built by the J. Van Lindley Nursery Co., Pomona, N. C., is 34x200, and not 16x216 feet in area, as stated in his report as vice president at Asheville last August.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
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WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
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WHOLESALE GROWER OF Cut Flowers,
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GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598.
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CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

Lily of the Valley
Fancy cut Valley in large quantities at Chicago market price. Fine pips from cold storage $1.50 per 100; $13.00 per 1000.
H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.
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FRANK GARLAND,
Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
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BENTHEY & CO.
35 Randolph Street, CHICAGO.
F. F. BENTHEY, Manager. Wholesale and Commission FLORISTS
Consignments Solicited.
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Are you a Grower of Cut Flowers, Bulbs, Seeds or Novelties?

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WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

Let us figure with you for fancy Ferns the year round. Everything in season.

26 MIAMI AVENUE, Detroit, Mich.

Headquarters for Michigan's Famous MT. CLEMEN'S VIOLETS.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, October 8.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	2.00 to 2.50
" No. 1	1.00 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	$4.00 to $6.00
" " Extra	3.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00 to 1.50
Carnots	3.00 to 5.00
Golden Gates	2.00 to 4.00
Kaiserin	2.00 to 4.00
Liberty	4.00 to 6.00
Meteor	2.00 to 5.00
Perle	2.00 to 4.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	2.50 to 3.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" " Sprays	1.50
" Sprengeri, Sprays	1.50
Chrysanthemums	10.00 to 15.00
Gladiolus	3.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	4.00 to 5.00
Violets, Ordinary	.35 to .40
Galax	.15
Common Ferns	.15

All the wholesalers report a decided improvement the past week. There are plenty of roses in the market, but a shortage in good carnations, which bring a good price. Select Beauties are also very scarce in this market. This week opened with bright weather, and the prospects look good for an extra supply of stock and for better business.

Milwaukee, October 8.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 6.00
Brides and Maids, Specials	6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	3.00
Golden Gates	3.00 to 6.00
Kaiserins	4.00 to 8.00
Meteors	3.00 to 6.00
Perles	3.00 to 6.00
Carnations, Commons	1.50
" Fancies	2.00 to 3.00
Asparagus plumosus, Strings	60.00 to 75.00
" " Sprays	2.00 to 8.00
" Sprengeri, Sprays	2.00 to 8.00
Daisies	.50
Chrysanthemums, Fancy	20.00 to 25.00
Valley	5.00
Violets, ordinary	1.00
Smilax	15.00
Galax	.20
Common ferns	.20

YOU WILL FIND ALL THE BEST OFFERS All the time in the Review's Classified Advs.

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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H. G. Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, ST. LOUIS, MO.

Long Distance Telephone Main 2018 M.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

The Finest Cut VALLEY

No better to be had, at $5.00 per 100.

Medium grades also.

AUGUST JURGENS,

134 to 144 Herndon St., CHICAGO.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Detroit, October 8.

	Per 100
Beauties, Specials	$25.00 to $35.00
" Extra	20.00 to 25.00
" No. 1	12.00 to 20.00
" Shorts	5.00 to 10.00
Brides and Maids, Specials	8.00
" " Extra	6.00
" " No. 1	4.00
" " No. 2	3.00
Golden Gates	4.00 to 6.00
Kaiserins	5.00 to 8.00
Meteors	3.00 to 6.00
Perles	3.00 to 6.00
Sunrise	3.00 to 6.00
Carnations, Commons	.75 to 1.25
" Selects	2.00 to 2.50
" Fancies	2.50 to 3.00
Adiantum cuneatum	1.00 to 1.50
Asparagus plumosus, Striogs	50.00 to 75.00
Asparagus Sprengeri, Sprays	4.00 to 10.00
Dahlias	3.00 to 4.00
Chrysanthemums, Ordinary	8.00 to 12.50
" Faucy	12.50 to 17.00
Harrisii lilies	10.00 to 15.00
Valley	5.00
Smilax	12.50 to 15.00
Violets, Double	.50 to .75
Galax, per 1000, $1.00 to $1.50.	
Common ferns, per 1000, $1.00.	
Wild smilax, 50-lb. case, 6.00.	
" 30-lb. case, 3.00.	

In roses quality and color is improving very much. All varieties are being sought after. Many store openings are using up more than usual stock. Beauty is the most sought after. Two large national conventions, one last week and one this week, are using up stock. For funeral work asters and other out-of-door flowers for filling in. Carnations are not coming in any too plentiful yet. Muma have made their appearance in limited quantity, but quality very good. Pink Glory of Pacific is bobbing up. White kinds are predominating. Indications are for yellow by the end of this week. Roses are much improved. Violets are getting better right along; of course, cold weather will bring them on better. Some very good dahlias have been coming in, as we have had no frosts as yet. Wild smilax and leucothoe sprays have come to stay for the winter. DILGER.

The Cincinnati Cut Flower Co.,

437-439 Main St., CINCINNATI, O. Wholesale Florists.

Consignments Solicited.
Special Attention given to Shipping Orders.

Mention The Review when you write.

A. F. LONGREN

Greenhouse Glazing and Painting,

PUTTY BULBING and REPAIRING a specialty.

Terms on application.

1088 Osgood St., CHICAGO.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, in variety, 2¼-in., $2.50 100.
R. Vincent, Jr., & Son, White Marsh, Md.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALYSSUM.

Giant and dwarf dbl. alyssum, 2¼-in., $2.00 100. R. Vincent, Jr., & Son, White Marsh, Md.

Double sweet alyssum, strong, bushy plants, 3-in., $4.00 100. N. Smith & Son, Adrian, Mich.

AQUATICS.

Six beautiful goldfish, $1.00. Express prepaid in U. S.
DONKER, 148 Columbus Ave., New York.

ARAUCARIAS.

We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

Araucaria excelsa, A. excelsa glauca and A. robusta compacta in all sizes. Fine plants, low price. Bobbink & Atkins, Rutherford, N. J.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
Julius Roehrs, Rutherford, N. J.

ASPARAGUS.

Aspargus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker return than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100.
NATHAN SMITH & SON, Adrian, Mich.

Asparagus Sprengeri, 3-in., $6.00 100; 2½-in., $3.00 100. A. tenuissimus, 4-in., $6.00 100. A. plumosus, 2-in., $3.00 100, $25.00 1000; 4-in., $10.00 100. Cash.
LIVINGSTON SEED CO., Columbus, Ohio.

ASPARAGUS SPRENGERI, strong plants from flats, $1.00 per 100, $7.50 per 1,000, $25.00 for 5,000. Cash.
PHILIPPI BROS., Citrus Nurseries, Rocklin, Placer Co., Cal.

Asparagus Sprengeri, very strong, 2-year-old, 4-in., $7.50 100; 5-in., $12.50 100. Cash with order, please. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

Buy Southern-grown Asparagus Sprengeri, 2½-in. pots, $2.00 per 100; 4-in. pots, $5.00 per 100; from seed beds, $1.00 per 100.
H. L. Neal, Seguin, Tex.

A. plumosus nanus, 3½-in., $5.00 100; $40.00 1000. A. Sprengeri, from flats, $1.00 100; $7.50 1000; $25.00 for 5000.
California Carnation Co., Loomis, Cal.

Asparagus Sprengeri, 4-in., $4.50 per 100; 2½-in., $2.50 100. A. plumosus, 2½-in., $2.50 100. Cash. H. Ernst & Son, Washington, Mo.

Asparagus Sprengeri, extra strong 2½-in., $2.00 100, $18.00 1,000; fine 2¼-in., $1.25 100, $12.00 1,000. Cash. Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS, 2¼-in., strong, $3.00 100. A. Sprengeri, 2¼-in., $2.00 100. Cash. JOS. H. CUNNINGHAM, Delaware, O.

Asparagus plumosus, 3-in., 5c; 4-in., 15c; 5-in., 25c. Fine plants in fine condition.
Crown Point Floral Co., Crown Point, Ind.

Asparagus Sprengeri, $2.00 per 100. Satisfaction guaranteed or your money back.
C. F. BAKER & SON, Utica, N. Y.

Asparagus plumosus out of 3-in. pots, ready for 4-in., strong and healthy, $6.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Asparagus plumosus, good, healthy 1-year-old plants from bed, $5.00 per 100.
A. J. PENNOCK, Lansdowne, Pa.

Asparagus Sprengeri, nice 2½-in. stock, $2.50 per 100, $20.00 per 1000.
HOLTON & HUNKEL CO., Milwaukee, Wis.

To make room. 500 Asparagus Sprengeri, 4-in., strictly first-class, $8.00 per 100.
McDONALD & STEELE, Crawfordsville, Ind.

Field-grown Asparagus Sprengeri, at $3.00, $5.00 and $7.00 per 100.
C. WINTERICH, Defiance, Ohio.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

A. plumosus, strong 3-in., ready to shift, $5.00 100. Van Wert Greenhouses, Van Wert, O.

A. Sprengeri, 2½-in., ready for 3½-in., $2.50 100. Cash. Estate of D. Fisher, Montvale, Mass.

Asparagus plumosus, strong and bushy, 3-in., $5.00 100. W. C. Beckert, Allegheny, Pa.

A. Sprengeri, 1,000 3-in., $2.00 100; $18.00 1,000. Gulf Coast Nurseries, Dickinson, Tex.

2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus Sprengeri and plumosus. Write.
Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, $2.00 100, $15.00 1000.
W. Stuppe, Westbury Station, N. Y.

Asparagus Sprengeri, 4-in., $6.00 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Asparagus plumosus, 4-in., $15.00 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

AZALEAS.

Azalea indica, leading varieties, now ready.
F. W. O. Schmitz, Prince Bay, N. Y.

DREER'S AZALEAS—Finest varieties, best values. For sizes, prices, etc., see displayed adv. in this issue.
H. A. DREER, Philadelphia, Pa.

BAMBOOS.

Thirty-two distinct varieties of BAMBOOS, from 6-inch pots up to large specimens in tubs, 8 to 10 feet high. Prices reasonable. Beautiful ornamental stock. Write for prices to
J. H. TROY, New Rochelle, N. Y.

BAY TREES.

Box Trees. Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Mrs. Shepherd's TREE BEGONIA, assorted 2½-in. pots, strong, $2.00 doz., delivered. MAJORIE DAW, fine winter bloomer, 2½-in. pots, $1.60 doz., delivered. Other varieties in great variety. Send for catalogue and trade lists.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

Rex begonias, best named varieties, 2¼-in., $4 100. Begonias incarnata, the most useful begonia for winter-flowering, 3-in., $8 100.
N. SMITH & SON, Adrian, Mich.

150 Rex begonias, 10 varieties, ready for 4-in., $4.00. 150 flowering begonias, standard sorts, good size, $3.00. Mrs. J. E. Patton, Trenton, Mo.

Begonia Rex, good plants ready for retailing, 4½-in., 15c.
Crown Point Floral Co., Crown Point, Ind.

New double semperflorens begonia, 3-in., $3.00 100. Cash. H. Ernst & Son, Washington, Mo.

BOUVARDIAS.

1000 pink and white bouvardia, $6.00 100. Leo. Niessen, 13th and Filbert sts., Philadelphia, Pa.

Bouvardias rosea multiflora and A. Neuner, fine, bushy, field-grown, $8.00 100.
S. S. Peckham, Fairhaven, Mass.

BULBS.

SPECIAL OFFERS to make room for incoming stock. Quality of stock the best. Prices small. Bulbs large. 25 at 100 rates; 200 at 1,000 rates.

HYACINTHS.

	100.	1,000.
French Roman White, 11x13	$2.90	$18.00
French Roman White, 12x15	2.25	22.00
Dutch Hyacinths in white, blue, rose and red separate, 15 centim. up	2.50	24.00
White Italian, reds Rinned	2.25	21.50

NARCISSUS.

	100.	1,000.
Paper White true grandiflora	$1.00	$ 8.50
Mammoth, 13 centim. up	.90	8.00
Trumpet Major, French, forces earliest	1.00	9.00
Von Sion, Extra Mammoth, double nosed	2.00	18.00
Von Sion, fine large top bulbs, many double nosed	1.75	15.00

OUR $10.00 COLLECTION.
We will send for $10.00 the following:
100 French White Roman Hyacinths, 12x15 centimeters.
100 Dutch Hyacinths, separate colors, white, blue, rose and red; large fine, bulbs, 15 centimeters up.
100 Paper White Grandiflora.
100 Von Sion, double flowered or 50 Japan Lil. Longiflorum, 7x9.
100 Tulips—La Reine.
100 Tulips—Belle Alliance.
100 Tulips—Keizerskroon.
100 Tulips—Yellow Prince.
Or half of above quantity for $5.00.

TULIPS.
A few Leaders—Florists' Favoritea.

	100.	1,000.
La Belle Alliance	$1.25	$11.50
La Reine	.75	6.50
Keizerskroon	1.00	9.00
Yellow Prince	.90	8.50

CALLA ETHIOPICA.
Magnificent Bulbs. Large, strong, center shoots.

	12.	100.	1,000.
4x5 inch circumference	$0.60	$4.50	$40.00
4x6 inch circumference	.75	5.25	50.00
5x7 inch circumference	1.00	7.00	65.00
Monster bulbs	1.50	10.00	

LILIUM HARRISII.
We have a late shipment of a few thousand 7x9 bulbs in finest condition, which we are trying to sell off at growers' price. Sure to make money. Lil. Harrisii, 7x9, 100, $8.00. Case of 200, $15.00; 1,000, $70.00.

DO NOT MISS THIS CHANCE.
Lil. Candidum. Want to clear out a fine lot of strong, sound bulbs, 18 centi. up, at 100, $4.00; 1,000, $35.00.
Lil. Longiflorum, Japan grown. Same reliable stock we have given florists for 20 years.

	12.	100.	1,000.
5x 7 inch circumference	$0.30	$1.80	$17.50
6x 8 inch circumference	.40	2.50	23.00
7x 9 inch circumference	.50	3.75	35.00
9x10 inch circumference	.85	6.00	57.50
10x11 inch circumference	1.00	9.00	80.00

Longiflorum Multiflorum, 2 weeks earlier—20 to 25 per cent higher than Longiflorum.
H. H. BERGER & CO., 47 Barclay St., New York.

Send for our FALL BULB CATALOGUE and see the SPECIAL OFFERS we are making on TWO MILLION surplus bulbs, consisting of LILIUM HARRISII, LILIUM LONGIFLORUM, HYACINTHS, French and Dutch; TULIPS, NARCISSUS, CALLAS, FREESIAS, etc.
CLUCAS & BODDINGTON CO., 812-814 Greenwich St., New York.

	100.	1,000.
White Roman hyacinths, 12x15 cms., none better	$2.25	$22.00
True paper-white grand. narcissus, 13 cms. and over, fine bulbs	1.00	8.50
Single named Dutch hyacinths, separate colors for pot forcing	3.25	30.00
Single Dutch hyacinths, separate colors, splendid bulbs for forcing or bedding	2.30	22.00

SEND FOR OUR BULB LIST.
JOHNSON & STOKES.
217-219 Market St., Philadelphia, Pa.

	100.	1,000.
Roman Hyacinths, 12 to 15 cms.	$2.60	$25.00
Narcissus P. W. Grand	1.00	9.00
Narcissus P. W. Grand, Giants	1.25	11.00
Dutch Hyacinths, Miniature, best named sorts	2.25	20.00

Tulips in variety. Send for list.
A. C. BROWN, Springfield, Ill.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
JAMES VICK'S SONS, Rochester, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Lilium Harrisii, 7 to 9, $80.00 1,000; Roman hyanchths, 12 to 15 cms., $22.00 1,000. Narcissus paper white grand, 13 cms. and up, mammoth bulbs, $8.00 1,000. The above have just arrived and prices are for immediate orders. All Dutch and Japan bulbs now on hand.
F. W. O. SCHMITZ, Prince Bay, N. Y.

FREESIAS. SPLENDID QUALITY. Per 1000.
¼ to ⅜ inches in diameter..... $2.50
⅜ to ½ inches in diameter..... 3.50
½ inch and up in diameter..... 5.00
Fresh stock, just arrived from our own farms in California.
JACKSON & PERKINS CO., Newark, New York.

HARRISII LILIES. Our Harrisii for the past four years have averaged 90 per cent good bulbs. Our prices are low. A few more cases of 7-9 left; every bulb guaranteed sound.
W. W. RAWSON & CO., Seedsmen, 12 and 13 Faneuil Hall Square, Boston, Mass.

We have unexpectedly received a large consignment of LILIUM HARRISII; send us the number you require and we will make you a SPECIAL PRICE.
J. M. THORBURN & CO., 36 Cortlandt St., New York.

Double Von Sion narcissus. I have a few of these bulbs left. They are fine bulbs, many double noses. Will close them out at $10.00 per 1,000.
W. F. Massey, Raleigh, N. C.

Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.
BOBBINK & ATKINS, Rutherford, N. J.

WHY PAY MORE? See my special of bulbs, for SPOT CASH, in this issue. Send for my catalogue.
C. H. JOOSTEN, 178 Greenwich St., N. Y.

FALL BULBS. Complete stock now ready. Bulb catalogue on application.
W. W. BARNARD & CO., 161 Kinzie St., Chicago.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla and Belladona bulbs. Write.
California Nursery Co., Niles, Cal.

Calla bulbs, 1st size, $4.00 100.
California Carnation Co., Loomis, Cal.

CACTI.

Old-Man Cactus, 4—5 in. high, $3.00 per doz., $20.00 per 100; 6—8 in. high, $4.00 per doz., $30.00 per 100. Prices include prepayment by parcel-post.
J. A. McDowell, Ap. 167, City of Mexico.

Stapelia variegata (star cactus), $3.00 100; makes fine border; will live and bloom all winter in southern states. Cash with order.
Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Strong field-grown clumps of Duke of Marlborough, Florence Vaughan, Pres. Cleveland, Henderson, A. Bouvier, Robt. Christie, Queen Charlotte, Sophie Buchner, Austria, $15.00 100.
Egandale, Antoine Crozy, Trelease, Pres. Carnot, Chicago, Beaute Poitevine, Martha Washington, $25.00 100. Save express charges by ordering at once by freight.
STORRS & HARRISON CO., Painesville, O.

Cannas, fall delivery. Italia, Austria, A. Bouvier, Alsace, Burbank, $1.50 100; $12.00 1,000. Sample bulbs, prepaid, 25c. Write us.
MANGELSDORF BROS CO., Atchison, Kan.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

CAREX

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

SURPLUS CARNATIONS.

	Per 100.
100 Alba, 2nd size	$ 7.00
300 Dorothy Whitney, 1st size	7.00
400 Stella, 1st size	10.00
300 Apollo, 2nd size	7.00
50 Viola Allen, 1st size	10.00
200 Gaiety, 1st size	8.00
1000 Gaiety, 2nd size	5.00
200 Norway, 1st size	3.00
100 Norway, 2nd size	2.00
300 America, 2nd size	2.00
100 Hoosier Maid, 2nd size	2.00
500 Estelle, 2nd size	4.00
2000 Roosevelt, extra fine, 2nd size	4.00
75 Mrs. Potter Palmer, 2nd size	7.00
50 Prosperity, 2nd size	4.00

E. G. HILL CO., Richmond, Ind.

FIELD-GROWN CARNATIONS.

Buttercup, Liberty, Nydia, Prosperity, Sunbeam, 1st size, $7.00 100; 2d size, $5.00 100. Gomez, Portia, Victor, Armazindy, Crocker, Marquis, 1st size, $5.00 100; 2d size, $4.00 100. Joost, Daybreak, Morning Glory, 2d size, $4.00 100.
J. L. DILLON, Bloomsburg, Pa.

FIELD-GROWN CARNATIONS.

	1st size.	2d size.
2000 Norway	$8.00 100	$6.00 100
1000 Flora Hill	6.00 100	5.00 100
1500 Mermaid	6.00 100	5.00 100
500 Egypt	5.00 100	4.00 100
500 Maceo	5.00 100	4.00 100
300 Gov. Roosevelt		5.00 100
200 Lorna		6.00 100
300 Queen Louise		6.00 100

W. E. HALL, Clyde, Ohio.

SURPLUS STOCK OF EXTRA STRONG FIELD-GROWN CARNATIONS.
To close out at once, for cash, at bargain-counter prices: 1000 SCOTTS and 1500 M'GOWANS at $20.00 per 1000; 1500 CROCKERS, 300 PORTIAS, 400 DEANS and 100 CRANES at $25.00 per 100. Also 800 mixed varieties, good plants, $12.00 for the lot.
Packed and shipped in good order.
H. P. OWEN, Central Valley Greenhouses, Toughkenamon, Pa.

CARNATIONS.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1,000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown plants.	100.	1,000.
Norway, extra fine	$7.00	$60.00
Genevieve Lord	6.00	50.00
Mermaid	5.00	
Beau Ideal	5.00	
Admiral Cervera	5.00	

25 plants of one variety at 100 rate; 500 at 1,000 rate.
H. WEBER & SONS, Oakland, Md.

FIELD-GROWN CARNATIONS, strong, healthy plants. Per 100:

	No. 1	No. 2
1000 Rossell	$5.00	$3.00
800 Gomez	4.00	
200 America	4.00	

Cash with order from unknown parties. Packed to carry safely by express.
CHAS. BLACK, Hightstown, N. J.

MURPHY'S WHITE. A commercial white carnation; vigorous and healthy grower; early, free and continuous bloomer; stem and calyx its strong points. Will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1000, $45.00 5000.
I am headquarters for Estelle cuttings. Price: $4.00 100, $30.00 1000.
WM. MURPHY, Station F, Cincinnati, O.

FIELD-GROWN CARNATIONS.

	100.	1000.
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00
Marquis	4.00	35.00
Guardian Angel	4.00	35.00
Melba	4.00	35.00
White Cloud	5.00	

P. REINBERG, 51 Wabash Ave., Chicago.

EXTRA FINE, FIELD-GROWN PLANTS.

	100		100
White Cloud	$8.00	Wm. Scott	$5.00
Prosperity	8.00	Hill	5.00
Mrs. Joost	6.00	Cartledge	4.00
E. Crocker	5.00	McGowan	4.00
300 Maceo	7.00	1500 Norway	7.00
1000 Fisher	4.00		

LEO NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$7.00	$60.00	Lord	$5.00	$40.00
Marquis	6.00	50.00	Melba	5.00	40.00
Scott	4.00	30.00	M'Richm'd	5.00	40.00
McGowan	4.00	35.00			

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

Field-grown carnations, strong, healthy plants that have not been allowed to bloom.

	100.	1000.
Elma, light pink	$6.00	$50.00
Joost, pink	5.00	40.00
Jubilee, scarlet	5.00	40.00

Strong and in fine condition. Cash.
BAUR & SMITH, 38th and Senate, Indianapolis, Ind.

FIELD GROWN CARNATIONS.

3000 Daybreak.	450 Scott.
2000 Marquis.	500 Lord.
2500 Crocker.	500 Portia.
200 Victor.	

1600 dark pink (a sport from Scott).
Fine strong plants, $40.00 per 1000.
W. F. KASTING, Buffalo, N. Y.

Surplus stock, clean, field-grown carnations. 90 Jubilee, 70 The Marquis, 30 Armazindy, 70 Lizzie McGowan, $10.00. 200 fine Canterbury Bell Plants, $3.00 100; 100 Sweet William, $2.00 100; 50 Seedling Echeveria, 3c each. Cash with order. Barrytown Floral Co., Barrytown, N. Y.

Field-grown carnation plants. 200 McGowen, 50 Daybreak, 100 Crane, $3.00 100. 1000 Crocker, $4.00 100; $30.00 1000.
Wagner Park Conservatories, Sidney, Ohio.

REDUCED PRICES—Good plants, $3.75 100; $35.00 1,000.

300 W. Scott.	1000 Crocker.
1000 Joost.	150 John Young.
	150 Mrs. J. Dean.

300 Flora Hill, small, $2.25 100. Cash with order, please.
JOHN CURWEN, Glen Head, L. I., N. Y.

Carnations, strong, healthy plants grown on high ground.

	100.		100.
165 Prosperity	$2.00	200 Marquis	$7.00
1200 Glory	7.00	390 Joost	$5 & 7.00
2000 Triumph	5.00	120 Lord	5.00

W. J. & M. S. VESEY, Fort Wayne, Ind.

Healthy, field-grown carnations.

	100.	1000.
Joost	$3.00	$25.00
Scott	3.00	25.00
Hill, medium size	3.50	30.00

250 at 1000 rate. Cash or C. O. D.
WM. FLUEGGE, 2791 N. Leavitt St., Chicago.

FIELD-GROWN CARNATIONS.
$4.00 per 100. $35.00 per 1000.
4000 Lord 2000 Norway,
2000 Egypt, 200 Triumph,
250 Peru.
GRAND RAPIDS VIOLET CO., Grand Rapids, Mich.

LILLIAN POND, the largest and best white—it's a money-maker for all of you. Delivery commences Jan. 1, 1903. Prices: 12 $1.50, 25 $3.00, 50 $5.00, 100 $10.00, 250 $23.00, 500 $37.50, 1000 $75.00.
S. J. REUTER, Westerly, R. I.

Surplus stock of field-grown carnations—150 The Marquis, 200 Gen. Gomez, 200 Ethel Crocker, 200 Daybreak, 400 Frances Joost, 100 White Cloud, 100 Bon Ton, $5.00 per 100. Cash with order. Chas. H. Greeo, Spencer, Mass.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail, 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Healthy, strong, field-grown carnations.
280 Bon Homme Richard $4.00 100
135 White Cloud 4.00 100
50 Bradt 4.00 100
JOSEPH LABO, Joliet, Ill.

GOODENOUGH, the most profitable white, $7.00 100. Frances Joost, Maceo and Scott, $5.00 100. All strong, field-grown plants. Write for prices on large lots.
S. LITTLEFIELD, No. Abington, Mass.

FOR SALE OR EXCHANGE.
10,000 field-grown carnations, perfectly healthy and in fine condition, as season has been favorable with us. Will exchange for violets.
E. WICKERSHAM & CO., Pottstown, Pa.

FIELD CARNATIONS. Vigorous, healthy, large. Norway, Marquis, Glacier, Joost, Mary Wood, Nydia, Crocker, Scott, for cash, to close out, $4.00 100, $35.00 1,000.
A. C. BROWN, Springfield, Ill.

Fine, field-grown carnations. 300 F. Joost, 200 Flora Hill, 150 Crane, 100 Daybreak, $5.00 per 100. Also some Scott and White Cloud. Cash with order.
CHAPIN BROS., Lincoln, Neb.

Field-grown carnations. Order at once while stock is in fine condition. Russell, Avondale, Joost, Peru, Prosperity, $5.00 100; $40.00 1,000. Cash.
S. ALFRED BAUR, Erie, Pa.

Field-grown carnations, fine, healthy stock. Wm. Scott, $3.00 100; Flora Hill, Ethel Crocker, Eldorado, Mrs. F. Joost, $4.00 100. Cash, please. HENRY HANSEN, Catskill, N. Y.

Strong, healthy, field plants grown on high land. McGowan 3c, Crane, Crocker, Joost, Portia, Scott; Eldorado, Daybreak and Victor, 4c; Norway, 5c. J. J. Styer, Concordville, Pa.

5,000 carnations. Extra strong plants from field. Maceo, Gomez, Melba and America, $5.00 per 100, f. o. b. Louis Couche, 72nd and Haverford Sts., Philadelphia, Pa.

Carnations, extra strong and healthy and now blooming in the field, 200 each of McGowan, Joost, Lord, Crocker, and 3,000 Scott.
F. H. Kimberly, New Haven, Conn.

50,000 CARNATION PLANTS, extra fine stock. Write for prices. If you have any stock to exchange write at once.
Union St. Greenhouse Co., Geneva, N. Y.

Strong field-grown carnation plants. Per 100: 600 MARQUIS, $5.00; 800 CROCKER, $4.00; 200 PROSPERITY, $7.00.
SCHLURAFF FLORAL CO., Erie, Pa.

Field-grown carnations. Joost, Roosevelt, Crane, Marquis, Melba, Crocker and Mermaid, strong plants, $4.00 100. Cash.
JOSEPH HEINL, Jacksonville, Ill.

Carnations. Wm. Scott, field-grown, very fine plants, $25.00 1000. Edouard Matthes, Anderson Ave. and 2d St., Woodside, L. I., N. Y.

1,500 each of Scott and Cartledge, $3.00 per 100. Guaranteed first class. Cash with order. Howard P. Kleinhans, Easton, Pa.

Field-grown plants of Crocker, Hoosier Maid, Joost and Mary Wood. $5.00 100; $40.00 1000.
Poehlmann Bros. Co., Morton Grove, Ill.

CARNATIONS—Continued.

Strong, healthy carnation plants. 200 MARQUIS, 200 ETHEL CROCKER, 150 ARGYLE, 50 ARMAZINDY, $5.00 100.
Crown Point Floral Co., Crown Point, Ind.

FIELD-GROWN CARNATION PLANTS. Prosperity, Marquia, Evanston and Joost at $5.00 per 100.
GEO. REINBERG, 51 Wabash Ave., Chicago.

Carnations, large, field-grown plants; no rot. 10,000 Wm. Scott and 2,000 Lizzie McGowan, $30.00 1000.
CHAS. HUNT, Box 258, Port Richmond, N. Y.

Healthy, field-grown carnation plants. 2,500 Joost, $3.00 100, $25.00 1,000; 500 at 1,000 rate. Cash.
J. A. BUDLONG, Winnemac Station, Chicago.

Daybreaks, extra fine, bushy plants, $5.00 per 100, $40.00 per 1000. Cash.
W. G. Kroeber, 35 Tremont St., New Bedford, Mass.

500 Gomez carnations, $5.00 100. Clean, healthy plants. Cash with order. The F. Blondeel Co., 722 N. 64th Ave., Oak Park, Ill.

Carnations—Crane, Chapman, Hill, White Cloud, etc. Write for prices and sizes.
Crabb & Hunter, Grand Rapids, Mich.

SPECIAL PRICES in my clearing sale of high grade Joost. Write for them.
Otto Bourdy, Lowell, Mass.

Field-grown carnations. Strong, healthy plants of Marquis and Norway, $4.00 100.
A. C. CANFIELD, Springfield, Ill.

Marquis carnations. 2000 extra fine field-grown plants at $5.00.
L. E. MARQUISEE, Syracuse, N. Y.

Carnations. 4000 Wm. Scott, $40.00 1000; 500 Prosperity, $6.00 100.
CHARLES DIETZ, West Hoboken, N. J.

Strong field-grown Marquis and Scott, 12-15 in. across, $4.50 100.
W. H. GULLETT & SONS, Lincoln, Ill.

2000 fine field plants of Joost and Mary Wood at $4.00 100.
HENRY DIERS, Sibley, Ill.

Wm. Scott, strong plants. $3.50 100; $30.00 1000. Cash.
WM. BELL, Bayside, L. I., N. Y.

Strong field-grown Joost, $3.00 100, $25.00 1000. Cash. Dann & Son, Westfield, N. Y.

Carnations Crane, Avondale, Guardian Angel, 4c. Cash. J. J. Lampert, Xenia, Ohio.

5,000 McGowan at $25.00 per 1000.
Alfred H. Walker, Hollis, Queens P. O., N. Y.

Carnations. Send to us for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Send for descriptive price list.
F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

POT-GROWN CHRYSANTHEMUMS, 5 and 6-in., all the best varieties; first-class, bushy plants, none better, 18 and 20c. Will exchange. Daniel E. Gorman, Williamsport, Pa.

CINERARIAS.

Cinerarias, finest large-flowering dwarf, mixed colors, ready for 3-in., $2.00 100. Cash.
John F. Rupp, Shiremanstown, Pa.

Cineraria grandiflora, extra strong, ready for 3½-in., $1.50 100. Cash.
J. W. MILLER, Hatton, Pa.

Cinerarias, 3-in., strong frame-grown stock, $5.00 100. C. Winterich, Defiance, Ohio.

Cinerarias, 2½ and 3 inch.
Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Finest purple, white, lavender and pink clematis, 2-yr. field-grown, or from 5-in. pots, 18c; 1-yr. field-grown, or from 3-in. pots, 9c. C. paniculata, fine 2-yr. field-grown, 6c. Cash.
W. H. SALTER, Rochester, N. Y.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

CRINUMS.

Night-blooming crinum. What cash offer for? Quite a novelty. Flowers are 6 inches and over across; white, with pale pink stripe; sweet-scented and fine for night decorations.
Louis Bosanquet, Fruitland Park, Fla.

CYCLAMEN.

20000 CYCLAMEN PERSICUM SPLENDENS GIGANTEUM. Now ready for immediate shipment a splendid lot of well-budded plants from 3-in. pots, $6.00 100, $50.00 1000; from 2½-in. pots, $4.00 100, $30.00 1000. 250 at 1000 rate.
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Cyclamen giganteum, strong plants, showing buds nicely. They are fine stock. 3-in., $6.00 100. Cash with order.
LOUIS BAUSCHER, Freeport, Ill.

Cyclamen, well set with buds, 4-in., $12.00; 5-in., $18.00 and $25.00.
C. WINTERICH, Defiance, Ohio.

Cyclamen giganteum, fine plants, 3-in., $5.00 100. J. W. Miller, Hatton, Pa.

Cyclamen giganteum, 3-in., $5.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

DAISIES.

Daisies. Double Longfellow, pink, extra and Snowball, double white, extra, 50c 100; $5.00 1000.
PETER WENK, Ozone Park, L. I., N. Y.

Snowball, Longfellow, Giant, 50c 100, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

DEUTZIAS.

4000 Deutzia Lemoinei, 1 yr., 2 to 4 branches, 12 to 16 inches, $2.00 100; $15.00 1000. 500 Spirea Anthony Waterer, 1 yr., 8 to 10 inches, bushy, $2.50 100. Cash with order.
GEYER BROS., Rochester, N. Y.

DRACÆNAS.

Dracaena indivisa, 100 2-in., $1.50. Cash.
W. W. Thompson & Sons, Station D, Milwaukee, Wis.

Dracaena indivisa from flats, 50c 100; $4.00 1000. W. Stuppe, Westbury Station, N. Y.

FERNS.

Boston ferns, extra fine, from pots, $50.00, $75.00, $100.00 and $150.00 100. Seedling ferns, good commercial varieties, $10.00 1000.
JOHN SCOTT, Keap St. Greenhouses, Brooklyn, N. Y.

1,500 of the old standby, NEPHROLEPIS EXALTATA. To close them out I offer them at $2.00 per 100; $19.00 per 1,000. Cash with order. LEWIS ULLRICH, Tiffin, Ohio.

Ferns for jardinieres, 2¼-in. pots, $3.50 100, $30.00 1000. All the finest varieties, including Aspidium tenssemense in any quantity.
BOBBINK & ATKINS, Rutherford, N. J.

Orders booked now for the new Nephrolepsis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Ferns for fern dishes, etc. Extra strong stock, fine assortment. Let us quote prices on your needs, large or small quantities.
BEARD BROS., 1248 W. Fort st., Detroit, Mich.

Boston ferns, from 3-in. pots, $5.00; 4-in. pots, $10.00; 6-in. pots, $30.00 per 100. Wittboldii, 3-in. pots, $5.00 per 100.
DAVIS BROS., Morrison, Ill.

BOSTON ferns, all sizes. Ferns for fern dishes, 2 and 2½-in., 2½c. Cyrtomium falcatum, 4½-in., 15c; 5-in., 20c.
Crown Point Floral Co., Crown Point, Ind.

FERNS IN FLATS. Buy from the grower and save jobber's commission. $1.00 per flat of 110 clumps.
Sunnyside Ferneries, Secaucus, N. J.

BOSTON FERNS. Fine stock, pot grown; 5-in., 6-in., 7-in., at 40c, 50c and 75c. Cash with order.
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1000 finest cool-grown Boston ferns, 5-in., bench-grown, $20.00 100, 500 2½-in. pots, $4.00 100. Cash. H. B. Campbell, Davenport, Iowa.

Mixed ferns, 20 sorts, $3.00 per 100. Satisfaction or your money back. C. F. Baker & Son, Utica, N. Y.

Pteris tremula, fine 3½-in., 400 at $8.00 per 100. Cash. W. W. Thompson & Sons, Station D, Milwaukee, Wis.

Nephrolepis cordata compacta, 2½-in., $2.50; 4-in., $4.00 100. Cash. H. Ernst & Son, Washington, Mo.

Boston ferns from bench fit for 4, 5, 6-in. pots $10.00 100. Must have room. Cash.
BYER BROS., Chambersburg, Pa.

30 elegant Bostons, fronds wide and long, perfect specimens, 6-in., 50c each.
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BOSTON FERNS, 6-in. pans, 40c. Good value. Sample sent for stamps.
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Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

25 Boston ferns, 8-in. pots, 90c each. Cash.
Livingston Seed Co., Columbus, Ohio.

Boston ferns, fine stock. Write
Geo. A. Kuhl, Pekin, Ill.

FEVERFEW.

Feverfew, Little Gem, strong rooted cuttings, 75c 100, $6.00 1,000. Cash.
Buckley Plant Co., Springfield, Ill.

FORGET-ME-NOTS.

Fine stocky plants of Constance, fine flowering Forget-Me-Not, in 2½-in. pots, at $3.00 100. Cash with order. E. T. McQuivey, Utica, N. Y.

Forget-me-nots, dwarf, blue Victoria, extra strong, stocky, 50c 100, $4.00 1000.
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GARDENIAS.

Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIEBRECHT & SON, New Rochelle, N. Y.

GERANIUMS.

Special price on a surplus of 2-in. pot plants of Heteranthe (double red) and Buchner (double white); some have been topped, but will make fine plants if potted this month into 3s. Price: $1.25 100; $10.00 1,000.
ALBERT M. HERR, Lancaster, Pa.

Rooted cuttings of Heteranthe, S. A. Nutt, Poitevine, Landry, Perkins, Buchner, $1.50 per 100, $12.50 per 1000, $100.00 per 10,000. Jean Viaud and Mme. de Castellane $2.50 per 100. $20.00 per 1000.
ALBERT M. HERR, Lancaster, Pa.

Geraniums. Stock plants, field-grown, strong. Canovas, Richelieu, Bellerophon, Nutt, Perkins, Mme. Bruant, La Favorite, J. M. Garr, G. de France, etc., 10 cents each, $1.00 dozen.
H. L. RYTHER, Enfield, Mass.

300 fine dbl. Nutt, Bruant, Schneider, etc., from 3½-in. pots, $5.00. Also 1000 from ground, best sorts, for $10.00.
Mrs. M. Cavanaugh, Ionia, N. Y.

Geraniums S. A. Nutt, Riccard, Hill, Poitevine, Perkins, 2½-in., $1.50 100. Cash.
Buckley Plant Co., Springfield, Ill.

Geraniums, good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Geranium rooted cuttings now ready.
Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Some thousands of choice mixed gladioli bulbs and bulblets for sale cheap, now ready. REASON—Change of business. H. A. Catlin, White Sulphur Springs, West Va.

Gladioli bulbs. Thousands of May and Groff's hybrids. P. O. Coblentz, New Madison, Ohio.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

HARDY PLANTS.

100,000 HARDY HERBACEOUS PERENNIALS. Transplanted and grown in nursery rows one year. Thrifty and well rooted. See main list for other sorts. Not less than 50 of a kind at these rates.

2,800 Alyssum saxatile compactum, at 3c.
3,600 Aquilegia, in 5 named varieties.
1,600 Aster nova—angliae—at 4c.
900 Campannla carpatica, at 4c.
1,000 Campanula elegans, fine, at 4c.
1,400 Campanula medium, mixed, at 3c.
3,000 Delphinium formosum, strong, at 5c.
700 Delphinium grandiflorum, at 4c.
1,200 Digitalis, in 2 varieties, at 4c.
800 Dianthus plumarius, at 4c.
1,400 Gaillardia grandiflora, at 3c.
1,650 Gypsophilla paniculata, at 3c.
1,100 Golden Glow, strong, at 4c.
7,000 Hardy Ferns, see list for varieties.
5,600 Hollyhocks, double, in 5 named varieties, at 4c.
1,200 Hollyhocks, single, mixed, at 4c.
3,000 Heuchera sanguinea, at 5c.
2,000 Iberis sempervirens, at 4c.
5,000 Lilium canadense, X strong, at 5c.
1,200 Lythrum roseum superbum, at 4c.
1,000 Primula veris, mixed, at 5c.
1,200 Primula vulgaris, at 5c.
800 Sedum acre, at 3c.
1,100 Silene virginica, at 5c.
1,500 Monarda didyma, at 4c.
15,000 Vinca minor, fine, at 4c; $25.00 per 1,000.
1,050 Dianthus, Mrs. Simkins, at 4c.
1,100 Pyrethrum uliginosum, 2 years, at 5c.
1,400 Liatris, in 4 named varieties, see list.
1,200 Lychnis chalcedonica, at 4c.
600 Lychnis Haageana, at 4c.
700 Pentstemon glabra, at 4c.
600 Phlox subulata, at 4c.
1,000 Dicentra exima, strong, at 5c.
450 Anemone Whirlwind, strong, at 5c.
10,000 Trillium grandiflorum, flowering bulbs, at 2c ($12.00 per 1,000).

30,000 PANSY PLANTS, strong plants, with heavy foliage, transplanted and grown in open ground in nursery rows, fine strain in mixed colors, $1.00 per 100, $7.00 per 1,000, ready Oct. 10th. EDWARD GILLETT, Southwick, Mass.

Irish junipers, 3-ft. trees, $15.00 100, $125.00 1,000; 3½ to 4 ft., $20.00 100, $150.00 1,000; extra heavy, 4 to 4½ ft., $25.00 100. Savin junipers, 2½ ft., $15.00 100. Boxing at cost. Cash.
JOSEPH HEINL, Jacksonville, Ill.

Special discount of 10 per cent from these low prices for cash with order.
All the stock is field grown except where pots are indicated by size of pot or letter "p," the latter meaning 3½-inch pots:

	Per 100.
800 Achillea, The Pearl, p	$3.00
600 Achillea roseum, p	3.00
500 Adonis vernalis, 2-in. pots	2.00
800 Agrostemma coronaria and Flos Jovis	4.00
500 Anemone sylvestris, p	3.00
800 Anemone J. rubra, p	3.00
200 Apios tuberosa, p	3.00
400 Armeria maritima, p	3.00
100 Artimisia abrotanum, p	3.00
300 Astilbe japonica	4.00
500 Alyssum saxatile, 2-in. pots	3.00
100 Anthemis Kelwayii, p	3.00
200 Aster Novae Angiae, p	3.00
200 Aster alpinus, p	3.00
3000 Aster pyramidalis, p	3.00
1000 Bocconia cordata	4.00
400 Clematis Davidiana, p	3.00
1000 Campanula pyramidalis	4.00
1000 Campanula compacta, 2-in. pots	3.00
800 Coreopsis lanceolata, p	3.00
800 Coreopsis grandiflora, p	3.00
100 Chrysanthemum, hardy	4.00
200 Dianthus May	4.00
800 Digitalis grandiflora, 2-in. pots	3.00
500 Eulalias in variety	4.00
100 Euphorbia corrollata, p	3.00
1500 Funkia lancifolia	4.00
100 Funkia caerulea, p	3.00
100 Gaillardia grandiflora, p	3.00
300 Geranium Ibericum, p	3.00
2000 Geum atrosanguineum	4.00
1000 Helenium autumnale	4.00
1000 Hemerocallis Sieboldii	4.00
300 Heuchera Americana	4.00
300 Iberis sempervirens, 2-in. pots	3.00
2000 Iris germanica, p	3.00
200 Iris pumila, p	3.00
2000 Lychnis chalcedonica	4.00
200 Monarda didyma	4.00
500 Platycodon grandiflorum, p	3.00
1500 Pardanthus sinensis	3.00
1000 Penstemon, assorted	4.00
2000 Phlox subulata rosea, p	3.00
5000 Herbaceous phloxes in variety	4.00
1200 Physostegia virginiana	4.00
1000 Pyrethrum roseum	4.00
500 Rudbeckia Golden Glow	4.00
1200 Rudbeckia Newmanii	3.00
200 Salvia pratensis	4.00
100 Tradescantia virginica, p	3.00
500 Veronica officinalis, p	3.00
100 Barberis vulgaris	6.00
1000 California privet, 2 ft	3.00
500 Spiraea Anthony Waterer, p	3.00

An additional discount of 5 per cent will be allowed on orders amounting to $100.00 or more, making a total of 15 per cent where orders for $100.00 or more are accompanied by cash. Address orders and remittances to
FLORISTS' PUBLISHING CO.,
Caxton Building, CHICAGO.

Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.
We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
VICK & HILL CO., Rochester, N. Y.

We offer to the trade a large and varied collection of the best HARDY PERENNIAL PLANTS, and we also make a specialty of our best native shrubs, both collected and nursery-grown. Our trade list for 1902-3 is now ready and will be mailed on application.
WM. F. BASSETT & SON, Hammonton, N. J.

Deutzia Lemoine. For winter forcing. Strong plants, 3 years old, $5.00 per 100. Primula veris, assorted, $2.50 per 100. Primula japonica, assorted, $2.50 per 100. Lychnis Viscaria, assorted, $2.50 per 100. Jacob Thomann, 838 N. Goodman St., Rochester, N. Y.

HARDY HERBACEOUS PLANTS. We are headquarters for these popular plants. Write us for anything you may require in this line.
H. A. DREER, Philadelphia, Pa.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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Hibiscus, 5-in., to close out, $1.50 doz.
Geo. A. Kuhl, Pekin, Ill.

HOLLYHOCKS.

5000 hollyhocks from seed, double white, yellow, pink and red; fine plants, ready now, $1.00 100. GEO. ENGEL, Xenia, Ohio.

HONEYSUCKLES.

Japan gold-leaf honeysuckle, well-rooted layers, 5c. W. H. Salter, Rochester, N. Y.

HYDRANGEAS.

Hydrangea pan. grand., nice plants, 8c; well-rooted layers, 2c. W. H. Salter, Rochester, N. Y.

The largest and finest standards of Hydrangea Paniculata Grandiflora in the country at reasonable rates. Splendid standards of Forsythias and Weeping Lilacs, all in true tree form and carefully staked. Immense blocks of Spiraea Anthony Waterer, S. trilobata, Viburnum tomentosum and all the fine shrubs on the market.
HOOPES BRO. & THOMAS, Maple Ave. Nurseries, West Chester, Pa.

OTAKSA, RED-BRANCHED, THOMAS HOGG, $10.00 per 100; $45.00 for 500. Strong out-door plants with 5 to 7 flowering crowns, suitable for 6 or 7-inch pots.
JACKSON & PERKINS CO., Newark, New York.

IVY.

SPECIAL OFFER. Hardy English Ivy, 2 plants in 4-in. pots, $5.00 100; 2 plants in 4-in., extra strong, $7.00 100; 3 plants in 5-in., XX, $12.00 100; 3 plants in 6-in., XX, $20.00 100.
T. N. YATES & CO., Mt. Airy, Philadelphia, Pa.

Hardy English Ivy, 2¼-in., $2.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

LANTANAS.

Lantanas, 10 varieties, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

LILY OF THE VALLEY.

Fancy cut valley at Chicago market prices. Fine pips from cold storage, $1.50 100; $13.00 1000. H. N. Bruns, 1409 W. Madison st., Chicago.

The finest cut valley—no better to be had—$5.00 per 100. Medium grades also.
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English Milltrack mushroom spawn from a celebrated maker. Per brick, 15c (by mail 25c); 10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00; per 1000 lbs., $55.00. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Fresh importation direct from England, 10 lbs. $1.00, 25 lbs. $2.00, 100 lbs. $7.00. W. W. Barnard & Co., 161 E. Kinzie st., Chicago.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NARCISSUS.

Paper white grandiflora narcissus, $1.00 per 100, $9.00 per 1,000. Cash.
F. WALKER & CO., Louisville, Ky.

Narcissus paper white grandiflora, $1.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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Osage Orange Hedge Plants. Can furnish 525,000 No. 1 one-year-old plants, boxed, at $1.15 per 1,000; 200,000 No. 1 two-year-old plants at $1.25 per 1,000, and 300,000 medium grade at 80c per 1,000. The above are well rooted and will give satisfaction. Two hundred thousand apple seedlings, No. 1 and No. 2. George Helkes, Box 302, Tippecanoe City, O.

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We have always on hand a stock of established and uncatablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

ORCHIDS, 12 staple varieties for cut flowers, from 75c to $2.50 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

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HOSE.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

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To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

Tobacco stems, fresh and strong, bale of 300 lbs., $1.50. W. C. Beckert, Allegheny, Pa.

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HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
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Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, 2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
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Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Fresh 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
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Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

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FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

WAYSIDE NOTES.

Corning, N. Y.—A. H. Woeppel will cut Glory of the Pacific by Oct. 10. His chrysanthemums are in fine shape, grown to single and three buds on a plant. Begonia Gloire de Lorraine is well grown here, proving that it does not require a specialist to handle it successfully. In carnations, Queen Louise is the best white; plants have made a strong growth outside, fully equal to Lawson and Marquis, which are immense. Marie Louise violets are the best in this locality.

Hornellsville, N. Y.—W. A. Wettlin lost his entire stock of carnations by the late floods, and instead of having a large number of plants to sell, was a purchaser. His loss ran up into the thousands. He has some consolation in the fact that the question of coal will not worry him. He burns natural gas at 29 cents per 1,000 feet. What a bonanza!

Olean, N. Y.—Mrs. F. H. Johnson has had her snug little plant thoroughly overhauled and put in shape for big business, which the enterprising lady predicts for us all winter in spite of the coal famine. D. R. Herron has completed two houses, each 46x120 feet, for carnations. This with his other plant gives him a place large enough to supply local demand.

HARD BUYING Makes Easy Selling.

Two Million Bulbs Consisting of **Lilium Harrisii, Lilium Longiflorum, Hyacinths,** French and Dutch, **Tulips, Narcissus, Callas, Freesias, etc.** The time to buy such things is when owners want to sell. We are the owners —you the prospective buyers. Of course, we always want to sell, but just now unusual conditions make us extra anxious. So anxious are we to reduce our enormous surplus, our prices are worth studying.

The quality of our bulbs has such a well-known standard of genuineness that emphasizing the fact is unnecessary. Yet, if you carry this truth in mind when reading our **Catalogue** and **Special Offers,** you will fully understand the values we give. If you can use a quantity, we will gladly make you a special quotation. Otherwise, see our **Fall Bulb Catalogue.** It is well worth having near-by.

CLUCAS & BODDINGTON CO. 812-814 Greenwich St. Corner Jane Street, Telephone 4390 Spring. New York.

Importers, Exporters and Growers' Agents of SEEDS, BULBS and PLANTS.

Mention The Review when you write.

Bradford, Pa.—With characteristic grit George L. Graham has raised from the ruins caused by the disastrous explosion in the summer a plant which far eclipses the old range. It is but temporary, as he intends building a thoroughly up-to-date block of houses down in the valley close by, where he has a fine piece of land. Chrysanthemums are looking first-class. Mr. Valentine, the genial clerk in the store says it's a pleasure to handle the Col. Appleton, Timothy Eaton and Mrs. Robinson, with other leading kinds grown here.

Jamestown, N. Y.—"Mum's the word" here just now. They are the first that greet the eye on approaching the mammoth establishment of the Lake View (or, more properly speaking, Broad View,) Rose Gardens. I looked for Mr. Roney, but he was lost in the forest comprising Merry Monarch, Ed Parr, Willowbrook, Glory of the Pacific, Bonaffon, etc. I could just see the form of Alec. Scott in the distance, and those who are acquainted with him know he is no midget by any means. I mention this to give some idea of the height and growth of this popular, though short-lived, flower. "Solid beds are the thing," remarked the busy Mr. Roney when finally I landed him. No more benches. What a change! Not a small thing to convert almost the whole plant from benches to beds in one season, but it has been done. Destruction is far more rapid than construction, and it has taken all the resources of the resourceful Mr. Broadhead to get things in shape for fall, but it is almost completed. The specter of the coal fiend has no terrors with the immense coal bins restocked. The vast cellar built for mushroom culture will be utilized in addition. We have seen Beauties grown here from year to year, but certainly never saw them looking more promising than at time of writing. Brides and Maids are also in a healthy state; but little mildew, and by the way, we shall doubtless see more mildewed stock around this season than for many past, owing chiefly to the cost of fuel, which will compel many to hold off until the last moment before firing up. Carnations are looking well and are fast growing out of their summer set-back. Causperleptha is found to be a great insecticide and fungicide, but sulpho-tobacco soap is the most up-to-date palm wash. The effect is seen in the clean, healthy condition of the stock. There may be other insecticides just as good. I noted shipments of palms and ferns going out at a lively pace.

Elmira, N. Y.—John Rudy, gardener to the Hon. J. Sloate Fassett, is the fortunate possessor of a seedling scarlet carnation (Jubilee x Bon Ton) which will, when distributed, be an acquisition to the small list of profitable scarlets. Placed amidst Adonis it is difficult to distinguish it from that grand flower, and it has points that will prove its claim to be a first-class commercial scarlet. Mr. Rudy has a fine batch of mums and may exhibit at Kansas City in November. Grove P. Rawson is at the front as usual with chrysanthemums. Chadwick is one of the finest and most profitable varieties. At Hoffman's can be seen a splendid lot of carnations. Lawson, Marquis and Triumph are considered the "big three." Dorothy is a strong favorite through this section, and deservedly so.

Binghamton, N. Y.—Mrs. M. L. Barnes has made considerable improvement in her plant, which under the care of Henry Wilbur, is in a flourishing condition. We never saw stock looking healthier than this season. Gilbert & Moore is the name of a new firm. Both have been in the business here for several years and are well known. The combination should work profitably.

Allentown, Pa.—Ernest Ashley reports a busy season, especially with funeral work. He is well pleased with the change recently made of retiring from the road. Stock is in excellent condition and prospects for fall business bright.

New York City.—I took a run into the great metropolis and called on several of the big importers. The rush is over and they have time to talk. Some commented on the lily report published in a contemporary recently, and remarked that such information was misleading, as the crop is full and bulbs are quite up to usual size. The only bulb that is scarce is the Chinese sacred lily, supplies of which are late in arriving this year. One house filled its contracts and crowned itself with glory. Early forcing tulips are rather scarce. The crop of cabbage and cauliflower growing on Long Island promises to be a good one, with a full seed harvest.

Albany, N. Y.—John Dingwall has given up the raising of bedding stock, for which he has held the banner so many years, and will grow carnations more extensively, owing to an increasing retail demand. Stock is in excellent condition. Fred Goldring will be in the market early with chrysanthemums. Bergmann is an old favorite, and deservedly so. Eyres and Danker each have a range of glass to supply their respective stores. Eyres has the old Davidson place in town nicely fitted up. Danker has just built four houses, Lord & Burnham construction, upon a fine site a short distance from the city. Both report a good summer business.

Amsterdam, N. Y.—J. C. Hatcher was just on the eve of departing for Washington to witness the gathering of the G. A. R. veterans—grizzled old warriors, of whom we have a few in our profession. Son George reports an excellent season, unusually so for summer, managing to spare enough time to renovate the handsome store, which is one of the finest in the Empire State.

Little Falls, N. Y.—J. O. Graham has returned from an extended European trip, loaded down with purchases made on the other side, and with a store of information gained at the same time. It is several years since he made a visit and was surprised to see so many changes. He will not rest until he secures a market here on the order of the Glasgow, or noted Covent Garden places. I met here the genial F. Creighton, who succeeded Walter Mott at Dreer's. He reports good business. All speak of a busy fall with the specter of a coal famine removed. W. M.

SPRINGFIELD, MASS.

After a siege of nearly two weeks of rain, the sun finally broke out Friday. This spell of cloudy weather, with the help of the coal famine, has brought business to a standstill.

Asters are about gone, and pinks are not coming in very plentifully. There is a scarcity of flowers, but a scarcity of flowers and a lack of business travel well together: we complain of both. Ino.

Minneapolis, Minn.—The Minneapolis Floral Co. has secured a permit to build several new houses at Thirty-sixth street and James avenue south, to cost $3,000.

C. H. JOOSTEN, Importer, 178 CHAMBERS STREET, New York.

500 at the rate per 1000. For less than 500 add 10 per cent.

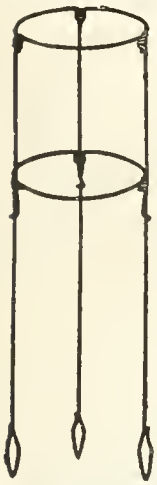
WHY PAY MORE? Cash with order please.

Mixed Single Dutch Hyacinths For forcing or bedding. Separate colors. Red and blue, per 1000, $22.00; white, per 1000, $23.00.

Dutch Roman or Miniature Hyacinths The scarcity, high price, and unhealthy condition of French Roman Hyacinths make the Miniature Dutch Hyacinth a desirable substitute. **Leading named sorts for forcing;** white, per 1000, $17.50; red and blue, $15.00. **In select mixture,** separate colors: white, per 1000, $16.50; red and blue, $14.00. All colors mixed, per 1000, $14.00.

Narcissus Von Sion, double headed, $17.00; Von Sion, first size, $12.00. Narcissus Poeticus, $3.00.

Tulips Duc van Thol, scarlet, $9.00; Duc van Thol, double red and yellow, $6.00; Duchesse de Parma, $6.50; Keizerskroon, $10.00; Rachel Ruisch $8.00; Yellow Prince, $9.00; La Candeur, $8.00; Tournesol red and yellow, $10.00.



NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing, L. I., Dec. 11, 1901.
Mr. Theron N. Parker,
Parker-Bruen Mfg. Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can hespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. Thorne.

La Fayette, Ind., July 8, 1902.
Theron N. Parker,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. Dorner & Sons Co.

Galvanized Steel Rose Stakes.

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208 Jersey Street,

HARRISON, - NEW JERSEY.

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Good Assortment, Standard Varieties, from 2¼-in. pots, **$2.00** per 100.

	100
Giant Double Alyasum, 2¼-inch pots	$2.00
Dwarf " " 2¼-inch pots	2.00
Hardy English Ivy, 2¼-inch pots	2.00
Swainsona Alba, 2¼-inch pots	2.00
Baby Primrose, 2¼-inch pots	2.00
Lemon Verbena, 2¼-inch pots	2.50
Ageratums—Stella Gurney and Dwarf White, 2¼-inch pots	2.00
Abutilon, in variety, 2¼-inch pots	2.50
Alternanthera, in variety, 2¼-inch pots	2.00
Coleus, in variety, 2¼-inch pots	2.00
Lantana, 10 varieties, 2¼-inch pots	2.00
Smilax, 2¼-inch pots	2.00
Salvia Silver Spot, 2¼-inch pots	2.00

CASH WITH ORDER.

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IMPROVED CHINESE. Finest large-flowering fringed varieties grown. Single and double, ready for 3-inch pots, $2.00 per 100.

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Cash. Extras added liberally.

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The Home of Primroses.

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Holds Glass Firmly
See the Point
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
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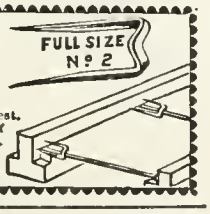

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Per 100 .....150, 200 and 300 Marks.

BETTER AND PRETTIER THAN AZALEAS.

Sell it to your customers and make customers because it is always in bloom.

Citrus chinensis,

SPECIMEN PLANTS, thick with foliage, globular shaped, with plenty of fruit.

2 to 10 Marks each.

These plants are shipped most successfully in quantities to Sweden and Norway.

Address **E. F. ZIEGER,**

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ESTABLISHED 1863.

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New England Florists....

Owing to the scarcity of space in the Boston Flower Market for handling my enormous stock of **Chrysanthemum Cut Blooms** I wish to state to my patrons, and others, that during the season I can ship blooms direct from Boston and Cliftondale. This will be a great help to parties who cannot come or carry them from the Market.

I have the largest and by far the finest stock in New England. I shall cut about **75,000 First-Class Blooms.** For further particulars address

WM. SIM, Stall 21, Park St., Flower Market, **BOSTON,**

OR CLIFTONDALE, MASS.

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Greenhouses Built and Heated

Economically and Perfectly by **HENRY W. CIBBONS,** 132 to 138 Liberty St. NEW YORK.

Expert Advice and Plans Furnished.

Advice by mail, not entailing drawings, TWO DOLLARS. Personal consultation, **FREE.**

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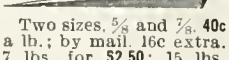

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Two sizes, ⅝ and ⅞. 40c a lb.; by mail, 16c extra. 7 lbs. for $2.50; 15 lbs. for $5.00, by express.

Over 6,000 lbs. now in use. For sale by seedsmen or

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NARCISSUS
Paper White Grandiflora
$8.00 per 1000; $37.50 per 5000; $70.00 per 10,000
50 BARCLAY STREET,
NEW YORK.
Branch Store, 404 East 34th Street.

PIPING.

Please tell me the best way to pipe my greenhouse for hot water heating. I have an upright flue boiler and the bottom of boiler is two feet below floor of greenhouse. Can I use 1-inch pipe for hot water heating? House is 20x20 ft., and 7 ft. 4 in. to ridge. Two feet of the sides are glass. Rafters are 6 ft. long.

A. R.

In reply to A. R., to heat the ridge and furrow greenhouse 20x20, as described, by hot water, take a 2-inch flow from the top of the boiler, branching into two 1½-inch, then run 1½-inch down the grade in each ridge to the far end, taking off one 1¼-inch connection at the far end of the center bench and continuing 1¼-inch to the doorway, then drop and then connect to the coils under the side benches. For coils, use 1¼-inch pipe, six 1¼-inch pipes under each of the side benches and four 1¼-inch pipes under each side of the center bench, making twenty 1¼-inch pipes in all.

Make return connections at the boiler end of the house of same sizes as the flow, and return to the boiler at the bottom; make a connection from the return pipe near the boiler to the expansion tank, which must be placed at a higher level than the ridge of the greenhouse, providing air vent at the top of the rising flow main over the boiler, as this would be the highest point in the apparatus, all pipes grading downward from here back to the boiler. Probably, the most convenient form of air vent would be to make an 1¼-inch pipe connection from the top of the flow main into the top of the tank.

Henry W. Gibbons.

New York.

Mr. David E. Geddis, who lately bought out Mrs. E. A. Williams' South Side store in Pittsburg, Pa., surprised his many friends on Wednesday last, October 1st, by quietly marrying Miss Alma Dorathy Klein, and slipping away to Philadelphia on their wedding trip, where they had a very pleasant time amongst their many friends. Mr. Geddis is to be congratulated on his good fortune, in winning a wife so amiable and pleasant as Mrs. Geddis, as everyone who had the pleasure of meeting her, have nothing but praise for her. We extend to the young couple our heartiest congratulations and best wishes for their future happiness.

Bath, Me.—John H. Ramsay & Co. have sold their greenhouse plant to a corporation known as the Kennebec Greenhouses. The directors are J. S. Hyde, E. Hyde and P. M. Olm. Mr. Olm is the practical man. He has been manager for the firm for the last six years.

Elwood, Ind.—A 9-lb. florist arrived at the home of W. H. Woerner last week and congratulations are in order.

Palms and Decorative Plants

A large and complete stock of all the leading varieties in the best possible condition, from 2½-inch to fine perfect specimens in 10-inch pots.

Now is the time to order as I can supply better stock and they can be shipped by freight.

For a full description as to prices, sizes, etc., send for Price List.

LEMUEL BALL, Wissinoming, Phila., Pa.

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FOR SALE.
10,000 White Cochet
ROSES,
Selected, $6.00 per 100; $55.00 per 1000.
Ordinary, 5.00 " 40 00 "
All strong two and three-year-old plants.
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1018 Market St., PHILADELPHIA, PA.
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FERNS. TO MAKE ROOM, NOTE REDUCTION.
Neph. Cordata Com., 2½-inch, strong $2.50 per 100; 4-inch, $4.00 per 100.
Asparagus Sprengeri, 4-inch, $1.50 per 100; 2½-in., $2.50 per 100.
Asparagus Plumosus, 2½-inch, $2.50 per 100.
New Double Begonia Semperflorens, 3-inch, $3.00 per 100. Roses in variety, 2½-inch, $2.50 per 100; 3-in., $4.00 per 100. Order quick with cash.
HENRY ERNST & SON, Washington, Mo.
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Palms
Home Grown, Fine Clean Stock, Grown Cool.
J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.
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For Fall Planting—Large-Flowered Clematis. Finest purple, white, lavender and pink sorts, 2 years fine field-grown or from 5-inch pots, at 18c; 1 year fine field-grown or from 3-inch pots, 9c. Clematis Paniculata fine 2 year field-grown plants, 6c. Roses—Gen. Jacqueminot, Coquette des Blanches, La Reine, Queen of the Prairie, Crimson Rambler, Clothilde Soupert, etc., 2 year fine field-grown on own roots 11c; second size, 6c. Hydrangea P. G.—nice plants, 8c; well rooted layers, 2c. Japan Gold Leaf Honeysuckle, well rooted layers, 5c. Packing free for cash.
W. H. SALTER, Rochester, N. Y.

The Cottage Gardens,
QUEENS, L. I., N. Y.
Send for Price List of
Peonies, Herbaceous Plants, Phlox, Azaleas, Specimen Trees and Shrubs.
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WHOLESALE GROWERS
GLADIOLUS, DAHLIA and CANNA Bulbs and Flower Seeds.
SOUTH HAVEN, MICHIGAN.
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Asparagus Plumosus!
Fine strong 3-in. plants, ready for a shift, $5.00 per 100.
VAN WERT GREENHOUSES
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The New Nephrolepis Fern
ANNA FOSTER
Small plants, $25.00 per 100; delivery after September 1st.
KENTIA PALMS, good, 50c, 75c and $1 each.
BOSTON FERNS, now ready at $25.00 and $50.00 per 100.
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CLOTHILDE SOUPERT ROSES.
5-inch pot plants, fine clean foliage and full of bud and bloom, 18c. Packing free for Cash.
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Strong Field-Grown Clumps.

Duke of Marlborough, Florence Vaughan, President Cleveland, Charles Henderson, A. Bouvier, Robert Christie, Queen Charlotte, Sophie Buchner, and Austria, $15.00 per 100.

Egandale, Souv. de Antoine Crozy, Sam Trelease, President Carnot, Chicago, Beauty Poitevine, and Martha Washington, $25.00 per 100.

Save heavy express charges by ordering at once by freight.....

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Asparagus Sprengeri.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

BEGONIA REX—Best named varieties. Special price to make room, from 2½-inch pots, $4.00 per 100.

BEGONIA INCARNATA—The most useful begonia for Winter flowering, 3-inch pots, $8.00 per 100.

CAREX JAP. VARIEGATA—A very useful decorative grass, from 2¼ inch pots, $2.50 per 100.

CYPERUS ALTERNIFOLIUS — Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100.

DOUBLE SWEET ALYSSUM—Do not forget this useful flower. Strong bushy plants from 3-inch pots, $4.00 per 100.

VIOLETS — CALIFORNIA — Field-grown, second size, $3.00 per 100.

PRIMROSES. (Chinese) — After several years of careful tests, we are now able to offer stock from the finest imported seed. Can guarantee satisfaction. From 3-inch pots, in white, light pink, scarlet and blue, $5.00 per 100.

NATHAN SMITH & SON

ADRIAN, MICH.

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CABBAGE—Jersey and Chas. Wakefield, Early and Late Flat Dutch, Succession and Drumhead, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE—Big Boston, Grand Rapids, Boston Market, and other varieties, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—fn varieties, 15 cts. per 100; $1.00 per 1000.

LEEK—15 cts. per 100; $1.00 per 1000.

PARSLEY—Strong, 40c per 100; $1.50 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

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Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN

SEND FOR PRICE LIST.

Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.

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LARGEST IMPORTS --- FINEST VARIETIES --- BEST VALUES.

Our importations of Azaleas are the most extensive that reach the United States, our stock is grown by the most experienced growers in Belgium and, as we buy for cash, we secure the best values and can give you best values in return.

We have commenced shipping and if you have not yet placed your order we would advise you to do so at once in order to take advantage of low import prices as well as of low cost of transportation, as the plants can at this season be safely shipped by freight.

10 to 12-in. crowns, bushy plants, **$4 50** per doz. **$35.00** per 100.

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Strong and Bushy, 3-in. pots, per 100, **$5.00.**

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Bale of 300 lbs., **$1.50.**

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Cyclamen Giganteum or Persicum. Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00. **Cinerarias**, 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. **Primulas**—Chinese—3-in., $3.00; 3¼-in., $5.00 100; Obconica—2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100, 200 for $5.00; 3½-in., ready for 5-in., $5.00 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100.

Umbrella Plants, from flats, $1.00 per 100.

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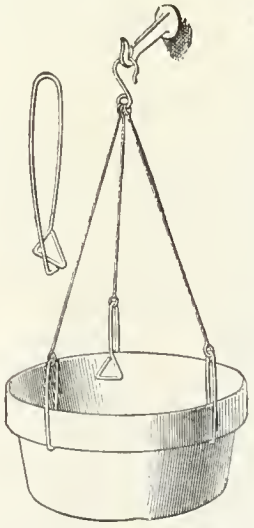

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BOILER AND PIPING.

I have a 25-horse power horizontal return tubular boiler with 28 2-inch tubes. Can it be used economically to heat these five greenhouses with hot water? Four houses cover 54x80 feet, no partition, 10 feet to ridge, south wall 3 feet of glass, north wall double boarded. One house is 20x75 and 12 feet to ridge.

How should these houses be piped to maintain a temperature of 55 to 60 degrees? Outside temperature never known to fall below zero. Top of boiler even with walks in four houses. Houses raised 2 feet above level of boiler shed. Walk of upper house 6 feet above boiler. Would like to use 2-inch flows and 1½-inch returns. J. H.

In reply to J. H., as he does not give the length of the tubes, the diameter of the boiler nor the size of the grates, we cannot advise as to its capacity, but if it is, as he states, about 25-horse power, it will be amply large enough to heat the houses he describes. For heating with water in 2-inch pipes to maintain a temperature of 55 to 60 degrees in his latitude, at least one lineal foot of pipe must be used to every one and nine-tenths square feet of exposed glass, measuring over sides, roof and end.

I notice that J. H. wishes to use 2-inch and 1½-inch pipes. If he has to buy new pipe, it would be better to use all 2-inch and avoid the greater friction contained within the smaller pipes. If, however, he has 1½-inch pipe on hand which he desires to use, it would be necessary to substitute 1¼ lineal feet of 1½ inch pipe for each foot of 2-inch pipe for which he substitutes smaller pipe.

In order to reach the farther house 20x75 feet, a 3-inch main flow and return should extend from the boiler to the coils in this distant house. All pipes should grade upward from the boiler to the extreme distant ends of the houses, there being provided with air vents. An expansion tank should be connected to the return main near the boiler and placed at an elevation of at least 3 feet above the highest point of the coils.

Henry W. Gibbons.

New York.

CLEVELAND.

Mr. Isaac Kennedy has disposed of his interests in the J. M. Gasser Co. and is now on a western trip looking over the ground with a view to establishing himself in new territory.

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New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $18.00 per oz.

Pansy, Giant Mixed, $1.00 per oz.; $10.00 per lb.

Asparagus Sprengeri, $1.50 per 1000 seeds.

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100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants ready to bloom Oct. 1, $1.00 per 100; $8.00 per 1000. Seed, $1.00 per pkt.; $5.00 per oz. Cash with order.

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ASPARAGUS SPRENGERI, 2¼-in. pots 2.00
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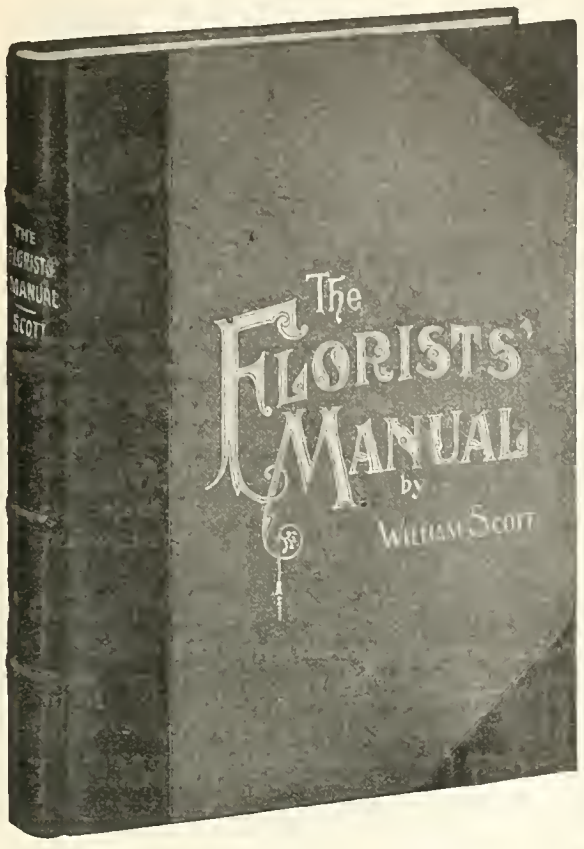

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Mention The Review when you write.

PIPING.

I have a house 20x104 piped for steam and the system does not give satisfaction. The boiler is 20-horse power and it is below the water line. The flow from the boiler is 2-inch and from it there are two 1¼-inch flows that lead into the house. The three 1¼-inch returns under the north bench are supplied by the 1¼-inch flow near the ridge and the four 1¼-inch returns under the south and center benches are supplied by the 1¼-inch flow near the purlin. Smokestack is 35 feet tall. Temperature desired is 58 degrees. Please tell me what the trouble is. R. J. F.

In reply to R. J. F., I have considered carefully the diagram which he sends with his inquiry, and see no reason why the apparatus he describes does not work satisfactorily. The size of the flow and return mains are ample, the mains and distribution of the pipes in the house are also well arranged. He does not show the location of any air cocks, nor does he indicate clearly the direction of the grade of the pipes. The pipes should all grade downward from the highest point, which I understand is where the 2-inch branches at the ridge to the two 1¼-inch mains; from this point they should grade downward back to the boiler, having a fall of not less than 5 inches in 100 feet and as much more as can be conveniently given. Air cocks should be provided on each pipe in each coil about one foot before branching into the return main.

The boiler which he describes as 20-horse-power would have a capacity for heating another house one-half the size of the present one.

Henry W. Gibbons.

New York

WILMINGTON, O.

A call on the Wilmington Floral Co. found Bro. Henderson finishing two houses 20x54. They are well built of cypress material. Harry is a gentleman and his stock looks well.

Leo Weltz's Sons have four houses of old style and have just filled one with carnations. The plants were the finest we have ever seen, short and stocky. All their plants look well and healthy. They have also a complete nursery, where everything in the fruit and ornamental line is healthy and well grown. The Weltz boys are heavy weights in the community and we believe any of them would pull down the scales to over 200 pounds.

Both firms report business good and both are pushing out for trade.

The two small houses at Loveland are out of use since the death of the proprietor, and his widow has moved to Epworth Heights. Henry Conklin.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $4.60; 5-in., $7.20; 6-in., $18.
Kentia Forsterlana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3 60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

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Crocker, Hoosier Maid, Joost, Mary Wood, $5.00 per 100; $40.00 per 1000.

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3000 very strong field carnations. Marquis and Scott, 12-15 inches across, $4.50 per 100. A great bargain at this low price. 4-in. plumosus, $15.00 per 100. Some good 4-in. pipe, $8 00 per 100 ft.

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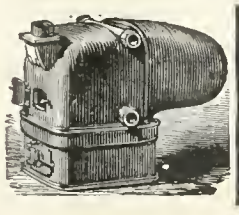

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25 plants of one variety at 100 rate, 500 at 1000.

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Buttercup, Liberty, Nydia, Sunbeam, Prosperity	1st,	$7.00	per 100
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Joost, Daybreak, Morning Glory	2nd,	4.00	"

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100 Alba, 2d size	$ 7.00	per 100
300 D. Whitney, 2d size	7.00	"
400 Stella, 1st size	10.00	"
300 Apollo, 2d size	7.00	"
50 Viola Allen, 1st size	10.00	"
200 Gaiety, 1st size	8.00	"
1000 " 2d "	5.00	"
200 Norway, 1st size	3.00	"
100 " 2d "	2.00	"
300 America, 2d "	2.00	"
100 Hoosier Maid, 2d size	2 00	"
500 Estelle, 2d size	4.00	"
2000 Extra fine Roosevelt, 2d size	4.00	"
75 Mrs. Potter Palmer, 2d size	7.00	"
50 Prosperity, 2d size	4 00	"

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12,000 strong healthy field-grown plants.

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Marquis	6.00	50.00
Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

250 of one variety at 1000 rate.

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Strong, field-grown plants.

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the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00	per 100
MACEO	5.00	"
SCOTT	5.00	"

Write for prices on large lots.

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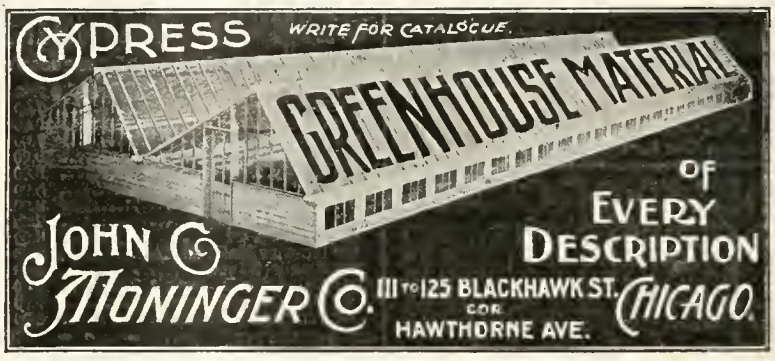

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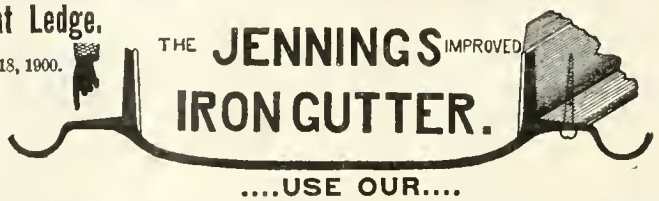

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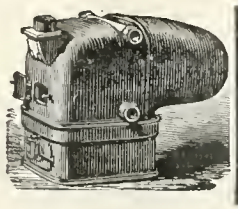

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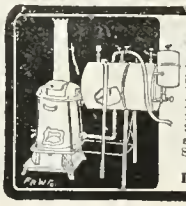

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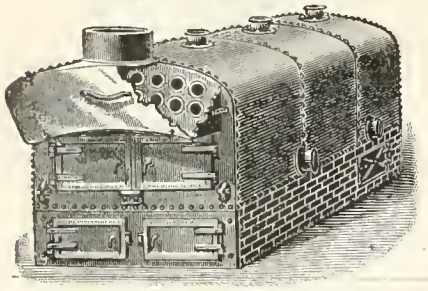

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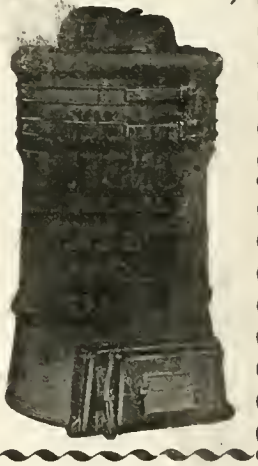

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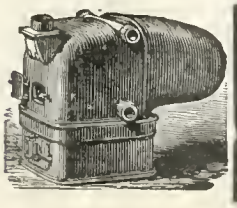

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Vol. X. CHICAGO AND NEW YORK, OCTOBER 16, 1902. No. 255.

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Carnations.

We present herewith the first illustrations in our series of floral arrangements. We start with the simplest forms of funeral bunches of carnations, and shall later take up more elaborate forms, also other flowers and arrangements for other purposes, aiming to, in the course of time, cover thoroughly the entire field of floral arrangement.

In each of the bunches of fifty shown in this issue the same lot of flowers was used, one bunch being made up and photographed, then taken to pieces and the same flowers used again in a different way. In the bunches of seventy-five the addition of twenty-five flowers to the original lot was the only change in stock aside from the greens. The idea was to show the different effects that might be obtained by the use of the same flowers.

These bunches were all arranged by Mr. L. P. Walz, Chicago, and we print his remarks regarding same below.

Bunch No. 1 is made up of fifty ordinary sized carnations, with Asparagus plumosus, common ferns for a back ground, and tied with ribbon. It is a so-called careless bunch and quite a favorite style. In making up this bunch it is necessary to wire about half of the flowers so they can be made to stay exactly where you want them. No. 24 wire is probably the best to use. Sprays of Asparagus plumosus make a pretty, graceful and lasting green and a good foundation for the flowers, it being easier to place the flowers with this than any other green. The maker-up should be careful not to place the flowers evenly for there is nothing so distasteful as to see them arranged evenly, so as to present a flat surface. A bunch of fifty carnations should be raised from eight to ten inches at the highest point. Arrange the flowers as nearly as possible in the way in which they grow naturally.

It is desirable to occasionally use carnation foliage and buds as shown in No. 2. This bunch also contains fifty flowers, and is finished with a cluster of Adiantum cuneatum at the base.

Such bunches as No. 1 and No. 2 are usually sold at $3 in Chicago, where 50 cents a dozen is a popular price for fairly good carnations.

No. 3 shows a bunch of seventy-five carnations arranged in the same style as No. 1, and No. 4 contains seventy-five blooms arranged much as in No. 2. These bunches of seventy-five, which is a very popular size, usually sell at $5, with or without ribbon. Ribbons seem to be less used now than in former years.

All these bunches can be made much larger by merely adding more flowers and other material, the selling price often reaching $25. In taking orders we find the best way is to show the customer a made-up bunch if we happen to have one, or a photograph, and name a price for the bunch complete. Do not give the price of the flowers per dozen, unless you are asked. By showing the customer as nearly as possible what he or she will get often a larger and better arrangement can be sold, and you will not only make a larger profit, but the customer will in the end be better satisfied. I do not mean to overcharge the customer, but to get a price that will enable you to give good value.

One thing is certain. You cannot afford to sell your carnations arranged in a handsome bunch at the price of loose flowers. Your time, material and artistic ability are certainly worth something.

L. P. Walz.

Funeral Bunches. No. 1.

Now is the time to prepare advs. for our special Thansgiving number, to be issued Nov. 13.

ROSES.

Feeding.

To aid in the development and maturing of crops, manure in a liquid form is of great benefit. This being ready for immediate absorption by plants, is most effectually employed when the latter are in an active state, and in want of a stimulant for assisting the development of a crop. Being easily assimilated, its action is quick and has the advantage that it can be applied just at the season when stimulants are required, and of such a strength as is best suited to the various stages of growth to insure best results.

The best and safest material to use for this purpose is cow manure, for while possessing all the elements necessary for supplying the wants of the rose, it possesses few of the caustic principles so prevalent in chemical preparations.

For the proper preparation of a liquid from this material, a tank should be built of sufficient capacity to hold at least as much water as will be required for one application, this to be used as a reservoir to distribute from, and which should, if possible, be connected with the water service pipes and pump. Another tank of smaller size should be built on a higher level and connected with the first.

Fill the smaller tank with manure and

water, and allow it to stand until fermentation takes place. It should then be drained through a half inch screen into the larger tank, and water added to reduce it to the required strength.

The first application should be rather weak, gradually increasing the strength of after applications as the necessities of the plants require. The best stage at which to begin feeding is when the young flower stems have attained a length of from four to seven inches, feeding once a week if weather permits, four such applications being usually sufficient to perfect a crop. As the days lengthen, with more sunshine and consequently increased root action, the plants will be benefited by increasing the strength and frequency of the feeding.

Plants which show any signs of being in a back going or unhealthy state are in no condition to derive benefit from liquid food. This but accentuates the trouble. Sheep, pigeon or poultry manure are all of a more concentrated and powerful nature than cow manure, and consequently they must be used in more limited quantities, and be much more weakened by dilution. To hasten the development of a crop during the short days, much benefit can be derived from a careful use of sulphate of ammonia.

All chemicals intended for use when dissolved in water should be tried first in a weak solution and the strength gradually increased if results warrant it. For a first application of sulphate of ammonia half an ounce to each gallon of water is sufficient.

In the use of liquid and concentrated foods watchfulness and careful observation play an important part, as an error may result in the absolute ruin of a crop. The grower must put on his thinking cap, and keep it there, and should be guided by a great many circumstances, such as weather conditions, health of plants, stage of crops, etc., in regulating the strength and frequency of their use.

Ribes.

CARNATION NOTES—EAST.

Mulching or Top Dressing.

Which shall it be? This depends on the quality and depth of soil when plants were housed.

With soil deficient in quantity and quality of plant food, no doubt a mulch would be of benefit after the plants are well under way, but it is preferable to have soil of such quality, that no addition need be made before Oct. 15 or Nov. 1 and that in the form of a top dressing, the food elements of which will be carried well down into the soil in two waterings.

My experience leads me to differ with the opinion of many, that the carnation is naturally a surface feeder. At digging time the feeding roots are found well down, performing their work in the manured soil and moisture below, often having particles of manure adhering to them, proving that they seek where they shall find. Mulching, too shallow benches, and careless watering, where the surface only is wet, tend to make the roots seek the surface.

Better defer the mulch until early spring, when it will serve the double purpose of supplying food and keeping the roots moist and cool at a time when the sun is growing stronger instead of weaker. Carnations should not be starved, neither should they be overfed, but of the two extremes the underfed is the easier to remedy, for with too much food in the soil it is a hard matter to remove the surplus.

Our plan is to prepare a mixture of six parts soil, one part bone flour and a sprinkle of air-slacked lime, two weeks in advance under cover, turning the pile over every day or two, keeping it evenly moist. This will give you a top dressing, the fertilizing qualities of which are practically at once available.

Choosing a bright day in which you are to water, apply at the rate of a single handful to a row of five or six plants, following immediately with water, giving enough to satisfy the plants, but allowing none to run through. The next watering will carry practically all the remaining elements where most needed.

Two weeks later a coat of unleached hardwood ashes is applied and watered in the same manner. This will be of great benefit to your Thanksgiving crop, but you must be the judge of the condition of your soil as to its being advisable to top dress again to improve the Christmas supply. Watering having much to do with this operation, it is well to remember *always* in watering, not to drench the soil to the point of saturation, thereby allowing valuable food to be carried away in solution. It will be some time yet before feeding with liquid manure need be begun, but get your material ready and tank or barrels in order.

Funeral Bunches. No. 2.

Summer Blooms.

Put in a supply of cuttings soon for summer blooming, selecting varieties such as Crane for red, Joost and Avondale for pink, Mrs. Fisher and Queen Louise for white. There may be others you have personal experience with; as mine is limited I can only name a few. When cuttings are rooted, pot into 2¼-in. pots, keep in a cool house, shift to 3 and 4 as necessary. In due time I hope to give you my plan for having a supply of bloom next summer.

Geo. S. Osborn.

LEAF SPOT.

The carnation leaves sent by "A Carnation Grower" are badly affected with what is commonly called leaf spot, and which is caused by a fungus called Septoria dianthi. The cause is too much water and a foul atmosphere.

You have not been giving your carnations enough ventilation and probably watering overhead too much and too late in the day. If you will dust the plants well with air slaked lime or grape dust and water only at the roots for a few weeks the trouble will likely disappear. Open the ventilators wide during fair days and leave them up a couple of inches over night even if you have to leave steam on. This is, of course, taking for granted that you have some coal to fire with. Those of us who use soft coal and happen to have a

Funeral Bunches. No. 3.

good supply on hand are indeed fortunate, but we must be careful that we do not waste any of it and firing will often be dispensed with when under ordinary conditions we would like to have a little steam on for a few hours toward morning.

Keeping the ventilators up a couple of inches will do a great deal of good when the days are fair, but if a cold, damp rain sets in you must start the steam. Did you ever see a rain that was not damp? Perhaps not, but you have seen many a rain that seemed to merely water and freshen up all vegetation thoroughly and after it was over the atmosphere seemed bracing and healthy. You have also experienced those chilly, drizzling rains that chill you clear to the bone. That kind of a rain is particularly hard on your carnations, and although the rain does not come into your houses the atmosphere becomes charged with dampness and that is just as bad.

To keep the air moving is the best way to dry it and a steam pipe in each house will do that. You can make it still more effective by painting the pipe with a mixture of sulphur, lime and water. Use one part sulphur to three parts of lime and mix about as thick as paint, and paint a streak about an inch wide the full length of the house. If this is made too strong it will take the color out of the colored blooms and half open buds, so be careful. Some growers use sulphur and linseed oil, making a stiff paste and smearing a little on the pipe here and there and it seems to answer the purpose.

The greater part of this article does not deal directly with the eradication of the spot disease, and yet it tells you just exactly what you should do to prevent it from making its appearance. Fumigating with tobacco will not check the spot in the least. A. F. J. Baur.

CHRYSANTHEMUMS.

Packing and Shipping.

When the crop is ready for market, the question of getting it to market in good condition becomes the point at issue. The chrysanthemum is a bulky flower and the cost of shipping considerable, and when one has gone to considerable trouble to get his flowers packed as he thinks just about right, it is aggravating to receive word from one's wholesaler to say that flowers arrived in bad condition, or something to that effect. It is very funny, and sometimes pathetic, to see the different kinds of boxes that different kinds of growers ship their flowers in. It is a great mistake to use a deep box, and pile layer on layer, for by the time such a box gets to its destination the bottom layers are crushed into a shapeless mass, and the flowers often spoiled. After considerable trouble over our shipping we finally figured out a box that answers very well, and now our troubles are reduced to a minimum.

We use a box about 5½ feet long, 20 inches wide and 10 inches deep. This box will hold from 18 to 24 flowers of extra special grade, and of course more if the flowers are smaller. Such a box is easily made. You can buy the pieces already cut at a less price than you can buy the lumber and cut it yourself. Use white pine boards 10 inches wide, and then six boards will make bottom, sides and lid. Nail your box together and put angle irons on the corners, and it will be found that the lid is better if entirely separate from the box, because if you hinge it on the box you will have to fix it about every time you ship. Half-inch lumber is plenty strong enough if you reinforce the box in the center with another light piece of wood across the bottom and up the sides, nailed, of course, inside the box. If you use heavier lumber you will find that a box will only last just about so long, anyway, and you will have to pay more expressage on a heavier box, to say nothing of the anathemas you will receive and the abuse your box will receive at the hands of the gentle expressman.

In packing your flowers, always put a roll of paper under the neck of the flowers in the bottom layer. Have the roll thick enough so that the flowers can rest in the box without crushing. Put the second layer just back from the first, so that the second row of heads are not resting on the bottom row and so on. We always put a small piece of tissue paper between each flower to keep them from rubbing, and this is important in the case of Japanese varieties, as the petals are apt to interlace, and the flower liable to be pulled to pieces when unpacking.

When the box is full the foliage is generally thick enough to keep the flowers from moving, but where this is not the case a couple of slats can be nailed across to keep down the flowers. Pack from each end of the box to the center, and then if you need slats put them on each side just after the last layer of flowers. I don't believe in packing chrysanthemum flowers too tight, but they must be sufficiently tight so that they cannot move up and down every time the box is in motion. It is perhaps unnecessary to say that the flowers should always be placed in water over night, so that the stems can fill up with water to keep the flower fresh until the journey is completed.

Always have a couple of cords around the box, one a foot or so from each end, then the box can be picked up conveniently by one man and is not so likely to be stood on end or be otherwise abused.

Brian Boru.

CARNATIONS REGISTERED.

By Gunnar Teilmann, Marion, Ind.: "Marion Beauty." A dark velvety scarlet, large fringed flower, a fine prodneer and grower. Cross between Gen. Maceo and Flora Hill.

Albert M. Herr, Secretary,
Lancaster, Pa.
For the American Carnation Society.

MISCELLANEOUS SEASONABLE HINTS.

Cannas.

A biting frost occurred a few days ago. Hope you had nothing tender outside. It usually comes with us from the 5th to the 10th and there is no excuse for being caught. Cannas will now want to be lifted and stored for the winter. They are killed down to within a foot or so of the ground. That has not hurt them in the least, but don't leave them out to be frozen down to the surface of the ground, for that will hurt. Dig them up, shake off most of the soil, and if a fine, sunny day, and mild, they will suffer no harm to dry out a little in the sun, or even a day or two if you are quite sure there will be no frost. Cut off the tops, leaving seven or eight inches above the roots.

We don't lose any roots nowadays, because we know where to keep them. Beneath a carnation bench does nicely. It's seldom after this time, or again till you water heavily in April and May, that you would ever soak the beds so heavily that they would drip through, but beneath a bench of plants where there was a thin layer of sand or ashes you always have lots of water falling through and that is just what would rot the canna roots. They want no drip on them. Don't put the roots on the moist ground or they will take hold of it, send out roots and begin to grow long before you want them to start. So lay down some old inch boards to keep the clumps of earth off the ground, and be particular that you label them correctly and keep varieties separate, or you will be planting mixed beds next spring. Or you will have Grover Cleveland flirting with Madame Crozy, or J. D. Eisele making goo-goo eyes at Florence Vaughan, which is entirely out of place in a well regulated flower garden.

Caladiums.

Caladium esculentum bulbs keep perfectly well about the same way if it pays. They can be bought in the spring so cheaply that it scarcely pays to bother. Cut the big stem off above the bulb and place them on boards beneath a rose bench. It's better to keep the caladiums a little warmer than the cannas.

Hydrangeas.

Hydrangeas are not hurt by a little frost. Even those that are wanted for Easter forcing are benefited by a slight frost; it ripens the wood. The frost we have had has not hurt them, but be careful to get them under cover when 5 or 6 degrees are expected. It is rather difficult to find a place just suited for wintering large tubs of hydrangeas (not so difficult farther south). Mr. Pierson, of Tarrytown, or rather in this case, Scarboro, digs a trench four or five feet deep and six feet wide, puts the tubs down there, and before very cold weather makes a roof of boards on which can be put mats or leaves or evergreen boughs. No place could be better, for they can be uncovered early, or partially uncovered, and still left dormant.

Few of us have root houses, such as nurserymen have, and in the ordinary basement it is too warm or too dry. Last year we built a shed, but built it substantially, and put in a very small hot water apparatus with a few 1¼-inch pipes running around the walls and a few big windows on each side. The pipes will keep the place about 35 degrees when a zero zephyr is blowing through your whiskers, and that's all you want, and a few degrees of frost outside necessitates no fire at all. We have crowded this place with sweet bays and hydrangeas, and it's just the place for them.

Bay Trees.

Those young men who never saw the sweet bay growing as a hardy evergreen shrub in Europe may not know what a hardy tree it is. That depends on how it has been treated. I have seen it come through a winter in the south of England unharmed by 20 degrees of frost, and saw many beautiful specimens killed to the ground in '61 because it went down close to zero. You will think by quoting so ancient a case that I am old. Not at all; I merely observed these climatic effects when an infant. If coddled up in a greenhouse all winter and suddenly exposed to 10 degrees of frost in April, it would likely hurt them, but in the fall they are much better left out of doors for another month, and 10 degrees of frost will not hurt them in the least.

A Storage Shed.

I would just say that this $300 shed has been an excellent investment, and I cannot see how we could now dispense with it. It could, however, be improved on. In place of the floor being on the level of surrounding ground, or a few inches above it, it could have been excavated six or seven feet. The cellar part could have been utilized for storing many roots, dahlias, etc., and the upper part for the sweet bays, etc. The warmth from the excavated part would also have helped much to resist the cold. This is a most useful structure on any florist's place, but the excavation, drainage, stone or cement walls, etc., would easily have doubled the first cost. My little shanty is about 50x20, and that will hold a lot of sweet bays.

Just let me remind you that you must not let the sweet bays get dust dry. The cooler the place the less moisture they will need, but they are evergreens and must not be dust dry. If very little fire heat is used and the shed feels moist, the hydrangeas will want but little water, just enough to keep the wood from shriveling.

Lilies.

The Japanese longiflorum lilies are arriving, and I am glad to say what we have received have a good, deep yellow color, denoting a ripened bulb. Pot them at once. A 7 to 9 wants a 6-inch pot. We pot an inch lower than we would an ordinary plant when shifting, and fill up that inch with good soil when we bring them into the houses about the first of December. We are not trying any Bermuda longiflorum. The last 1,000 we had died of paresis at a promising age. As I have once stated before this fall, if you have the heat at your command after New Years, there is no advantage in putting these Japan bulbs into the houses now. They are doing in a cold frame all you want them to do for the next six or eight weeks or more, viz., making roots. In case of heavy rains or a very hard frost be prepared to cover them with sash or boards.

William Scott.

THE ASHEVILLE CONVENTION FROM A COMMISSION MAN'S STANDPOINT.

BY SAMUEL S. PENNOCK.

[Read before the Florists' Club of Philadelphia, Oct. 7.]

Mr. President and Gentlemen:—It has been something like two years since I have enjoyed the honor of addressing you. It seemed to us at that time that we had attained a large measure of success in the promotion of the interests of floriculture. Now, looking over the succeeding months and their accomplishments, we may well conclude that we had then laid a basis for present attainments, which in their turn are to become the means to larger ends.

In the assignment of the question which I have to discuss I am prone to wander into other, though kindred, subjects rather than keep to the road laid out for me, because, while the wholesaler always has his own particular business at heart, yet because of its very nature he takes a deep interest in that of his associates, the retailer and grower. So you will pardon me if I take, or seem to take, an interest in things out of the direct line which our subject indicates.

The Asheville convention will be remembered by all who were there as a most successful and pleasant one. It took us to a section of the country never before visited by our society, and brought a great many of our southern friends in as members who in all probability would never have joined had the society not met in a southern city, thus bringing us in closer touch with the South.

The surroundings of Asheville are unrivaled by those of any city that our body has ever visited, situated, as it is, right in the heart of the Allegheny mountains of Western North Carolina at an elevaton of some 2,200 feet, with a number of mountain peaks 6,000 feet or over within a radius of ten to twenty miles, thus affording drives and climbs of unrivaled magnificence, and those who took advantage of them will have something long to remember.

Biltmore, with its thousands of acres surrounded by lofty mountains, must be seen to be appreciated. Jaunts to Overlook mountain and many other interesting points, not omitting the climb by some eleven members to the summit of Mt. Mitchell, were all most enjoyable affairs.

The convention in itself was of inestimable value to those attending, valuable information having been derived therefrom, and new and better ways of conducting business indicated by the lessons taught. These advantages could

Funeral Bunches. No. 4.

not have been acquired in any other way, and with so little time and expense.

The essays were very instructive and deserve careful consideration by all who read the reports. The subjects were admirably handled by the writers, who showed an accurate knowledge of the subjects in hand. In addition one was particularly impressed with the extemporaneous addresses, which were full of useful information, coming, as they did, from some of the brightest members of the floricultural world.

Taking it all in all the convention was a most decided success for everyone concerned. The full purpose of it was accomplished. The florist came to meet and to discuss, to interchange thoughts, and to take away that which his associate had to give, returning therefor value received. The other phase of the convention, and a most important one, was the advertising end, where were new and elaborate displays of greenhouse improvements, flowers, plants, novelties and supplies; and it must be that everyone who viewed them and made a study of their make-up and arrangement, as well as of their merits and uses, must have left better fitted for his own particular line of business.

And now, to recur to our especial subject, it is in order for us to note in considering the commission man's view point, that any movement or action which benefits any branch of the trade must needs be helpful to him, for it is by the very success and advancement of others that he is enabled to put forth his best effort; and on the other hand, his effectiveness in accomplishing his ends is his best assurance of attaining a progressive and helpful position, both with respect to himself and the ultimate consumer. Thus we find that in no other business is the underlying principle of the convention better shown than that more is to be accomplished by concerted endeavor than by individual effort.

To this end did the convention direct its efforts, and in this purpose will the influence be found to have its result. I am sure that every wholesaler there present was constantly impressed with the great good that the convention was accomplishing, and felt that his future interest depended to a considerable degree on the continuance of an institution at once so beneficial and necessary. I consider it a great privilege to have attended the convention, and I trust that I, with many of you, shall in the future be enabled to take part in the work.

AN EUROPEAN TRIP.

BY HENRY F. MICHELL.

[Read before the Philadelphia Florists' Club October 7.]

Mr. President and Members of the Philadelphia Florists' Club:—It gives me great pleasure to comply with your request to make some remarks about my recent European trip, and hope that you may pardon the rambling sketch which I have jotted down from my memory since returning. Had I known before I started on my journey that I would be called upon by this honorable body to give it some notes about my trip, I should have prepared myself with a more interesting paper for you. As my trip was, as you know, partly pleasure and recreation, I shall, with your permission, not talk shop or horticultural topics exclusively.

All the Americans who have traveled abroad will confess that they need not have gone to Europe to see more beautiful scenery than is to be found in our own grand country. Visit the lands between the Atlantic and Pacific, our own glistening lakes, the Rocky Mountains and other places of American scenery, and I feel sure that they compare most favorably with, if not exceed, the much talked of places in Europe. Certainly the customs, languages, etc., are a complete change to Americans, which is a great recreation indeed.

After a journey of very pleasant weather on the ocean we reached London, where we expected to see the much talked of coronation of King Edward and the Queen. The English people, as well as all the visitors, were so disappointed when the news was announced of the postponement that hardly a pleasant face or a smile was visible on the millions of people for two or three days.

London, especially on Regent and Oxford streets, Pall Mall, Strand and other avenues where the great processions were to pass, was in a grand holiday attire. The decorations on the great business and government buildings were massive and superb. The floral part was certainly effective. Nearly all of the balconies, windows and grand stands were a mass of bloom. The principal combinations, however, were red geraniums, white daisies and blue lobelias, which must have been grown especially for this celebration, judging by the great quantities used.

My trips around London were principally to the famous Kew Gardens, Hyde Park, Hampton Court, Kensington Gardens, Crystal Palace and St. James Park. All these grand parks are kept up in the very best manner, especially the lawns were carefully taken care of. One of my most interesting visits was the day spent at an extensive mushroom spawn establishment near London. The greatest care is taken there in the selection of spawn, which in addition to growing mushrooms for the London market is the proprietor's only business. I was made very welcome indeed by the gentleman, who on my visit ordered his new United States flag to be hoisted on the great flag staff in my honor, which was quite patriotic indeed. I asked him for the best remedy for the disastrous maggots and flies, and he informed me that the following was the best method to avoid or destroy the pests: Two ounces of salt in a gallon of water; sprinkle this over the beds once a week. A covering of salt sea sand is also a preventive. He also advised preparing the

manure one month before spawning. He also advised never to sprinkle the mushroom beds until the mushrooms are nearly due.

From England we went to France. Paris, the gay and beautiful city, is well worth a visit. The grand buildings, the beautiful and very clean streets, the broad boulevards with well trained and well kept trees are great objects of interest. France has a tremendous sized seed establishment, where I spent three days to inspect the trial grounds and warehouses. I was greatly impressed by their perfect system of handling seeds, their elaborate and expensive seed testing apparatus and facilities. I certainly obtained some very valuable information at this place. I must also not fail to speak in the highest terms of the grand entertainment accorded us by our host and hostess.

Paris has some of the finest public parks in the world, for instance, the Bois de Boulogne, the Versailles parks and a large number of others, all laid out in beautiful walks, which radiate principally from circles. By standing in any of these circles you have a view as far as the eye can reach of about six avenues of trees from each circle (very much resembling spokes of a wheel), a grand sight indeed.

After our stay in France our next place was Switzerland, which happens to be my native country. I naturally felt very much at home during our whole stay in this beautiful country, noted for its natural scenery, with mountains nearly reaching the skies, and lakes by the score, one more beautiful and fascinating than the other. In Zurich is located the most complete station in the world for testing seeds. A number of professors are engaged in this very important work, which is a state institution. The principal places we visited were Berne, the capital of Switzerland; Interlaken and Luzerne, two of the grandest places on this earth.

Our trip then took us into Germany. Munich was the first large city for us to visit. The grounds of the king's palace were handsomely laid out with carpet bedding designs, fountains and grand immense lawns carefully kept in order. Another great attraction in Munich is the immense breweries, some of which have very large gardens attached to them. These gardens are filled every evening with the population, rich and poor, all enjoying the large steins filled with the purest quality of beer. One garden has a seating capacity of 8,000. I was informed that it was filled every evening during the summer. I would have liked to have you all with me on the evening I spent there. Not one disorderly or intoxicated person is seen in these popular places. Fathers bring their wives and children to hear the military bands, which perform up-to-date music for the entertainment of guests.

Among the other places in Germany we visited Frankfort, Wisbaden, Cologne and Erfurt. The last named place is one of the greatest seed growing districts abroad. I spent considerable time posting myself in the varieties, methods and crops. It really does us seedsmen good to freshen up our records and knowledge by occasional visits. These seed farms are so large that it takes a long while to go over them and take notes of interest.

A few specials of note are: Gladiolus Queen Wilhelmina, pure white with richly marked bright red throat resembling a Maltese cross. This, I think, will become a leader.

Linaria Elegans, small white flowers in great profusion, adapted especially for cutting; annual.

Gilia Dichotoma, a choice annual, for pot plants and for use as cut flowers.

Tropæolums, ivy leaved foliage, promises to become very popular; fine seed.

Scabiosa Metaxa, white, very large, should prove a valuable addition as cut flowers, indoor or outdoor.

Strawberry "Four Seasons," from seed, excellent flavor berry.

And many others which lack of time prevents me from mentioning.

Vienna, one of the grandest of all European cities, was our next point, and we were well repaid for this long journey. The Imperial grounds and buildings are a sight never to be forgotten. The Prater park is immense in size and is patronized by nearly the whole population. The day we spent at this park there must have been over 100,000 people enjoying it, and no doubt the same occurs nearly every clear day. In the Emperor's Palace Gardens, Shoenbrun, the bedding was on an immense scale. Principally carpet bedding is done here, although a large number of beds were made of the yellow daisy, Chrysanthemum Segetum "Gloria" (which is the largest flowering yellow daisy in the market), and bordered with beautiful blue Browallia speciosa major. These two plants made a handsome effect indeed. In the first-class florists' show windows I especially noticed several strikingly handsome effects made of six long stalks of pink hollyhocks placed in pink crepe paper baskets, tied with same colored broad ribbons, and all delicately intertwined with Asparagus plumosus. These window displays were greatly admired by the public.

Our next destination was Belgium and Holland, both countries noted for their production of bulbs, etc., the first named for gloxianias, which thrive luxuriantly and develop perfect bulbs. Holland is a most interesting country to us. I was pleased to hear that the hyacinths had turned out so well, which will partly make up for the past unfavorable seasons. One of the items of especial value was to hear the splendid reports from the new spiraea, Gladstone, which won all the first prizes for spiraea wherever they were exhibited.

This wound up our trip in Europe, and we were well repaid for the time consumed. I thank you all for your close attention to these rambling remarks, and hope I have not taken up too much of your valuable time, which you could probably have spent more interestingly on the club bowling alleys, billiard tables and shuffle boards.

VENTILATION.

L. S. writes: "Will Mr. William Scott kindly give his reasons for placing ventilators on the east side of a greenhouse running north and south when opened at ridge? Would not the cold west winds be troublesome when open?"

I don't remember where or when I did give that advice, and have not the opportunity for reference at this moment. The evolution of greenhouse construction has been very rapid the past four or five years, and without defending or apologizing for that opinion, if I am the author of it, it would be more to the point to tell you what is my present opinion on this important question, and this opinion is the result of looking at a good many modern ranges of glass, both large and small. We will take it for granted that in the great majority of locations the west, northwest, north and northeast are the cold winds, and the east and south and southwest are usually mild or warm. That's about how things are in western New York. All houses in our northern states built for growing cut flowers, roses and carnations particularly, should run east and west, or, what is better still, several points east of south, so that the sun will warm up the houses before it would if the houses faced due south.

These houses, in my opinion, should have the ventilators on the north side and open at the ridge, so when the wind blows from the northwest or north the draught would not be rushing down on the plants, but would pass over. If there is a cap on the ventilators, closing down and covering the ridge, no ice will ever bother you. If the warm south winds blow it will be felt in the houses, and that you don't mind. There is no doubt about the ridge being the place for the opening, for there is where the heated air will be, and you want it to escape. Another point is that it is one-third the strain or work for your ventilating apparatus. A house with continuous ventilation hinged at the ridge would want at least two, yes, almost three, machines to do the work of one if hinged on a header and opening at the ridge.

A house running north and south is, I presume, built for growing, perhaps palms, smilax or many other plants not requiring every possible ray of sunshine that can be gathered in. If the correct way to ventilate is at the ridge, then it is as good for these houses as for the others, and I would most assuredly put the ventilators on the west side. If you hinged at the ridge in a north and south house, then by all means the east side is the place for the ventilators, because there would be many frosty, bright mornings in February and March that a little ventilation would be very necessary, but the sash would be frozen down.

There are several advantages in ventilators opening at the ridge, and I know of only one disadvantage. If caught in a sudden shower and you had a foot of ventilation there would be some wetting of the plants, but vigilance can overcome that, and you can always have two or three inches of ventilation in wet weather if the ventilator has the necessary cap, which closes over the edge. I think I have answered the question and a little more. William Scott.

CORRECTION.

The Review's proofreader is n. g. No, he is a good one—it is my horrible scribble and I will take all the blame.

In last week's Review I was made to say three things that must have sounded absurd to those who favored me with a perusal. In the description of the cement edges to the beds on the Dale Estate it read about 1½ inches high and 1½ thick. It should, of course, be 4½ inches high.

The boxes of valley when put out of doors for the winter should be covered with two or three "feet" of soil. Holy farmer, where would one get all the soil? Two or three inches sounds better.

Then I made the startling statement that when the eucharis was started into

active growth and had made some new leaves they would be mature in two weeks. My good friends, you know I meant two months.

William Scott.

BOSTON.

A Two Days' Visit at the Hub.

One may crowd into a couple of days many interesting hortieultural investigations and experiences if he "keeps busy;" especially if he has the good fortune to run into the unexpected privilege of a banquet "on the side," and this feast of reason "was a bird." The "old guard" and many of the "new" ones were there, and the Boston Society "did itself proud" in thus honoring the twenty-fifth anniversary of the founding of the cut flower commission business in Boston by Mr. Patrick Welch. The menu was faultless, and the poetical garnishing most creditable to its authors.

A Banquet.

In the chair, as master of ceremonies, sat the ponderous concentration of geniality, Fred Mathison, whose introductory address was an able effort. He said of Mr. Welch many complimentary things that the company unanimously indorsed, and gave a sketch of his career that would make any man proud, of the wonderful increase in shipments of cut flowers from Boston in the twenty-five years of progress, and characterized his activity as illustrative of perpetual motion. Mr. Mathison then appointed Mr. Edward Hatch as toast-master, a position the gentleman filled in his usual able, humorous and tactful way.

Mr. George Moore, of Quebec, assistant editor of the Journal of Horticulture, first employer of Mr. Welch in this country, was the first speaker. His carefully prepared and read address was frequently applauded. He considered Mr. Welch an inventor, being the original commission man and the father of the wholesale cut flower commission business. In 1877 Mr. Moore had charge of the Waban Conservatories, when Bon Silene, La France and M. Niel were in their glory, and Edmond Wood began the enterprising career that did so much for horticulture in New England, and the "hustler," P. Welch, was then his salesman. He spoke of Mr. Welch's honest dealings, his critical division of stock according to real value and time of cutting, of the partnership formed with his brothers, David and Edward, and of the weekly price list system, which he was the first to inaugurate. His references to the pleasant relations existing between Canada and the United States, his plea for reciprocity, and his good advice as to the desirability of larger families in American homes were appropriate and humorous.

Following Mr. Moore's address were letters of regret and congratulations from Patrick O'Mara, Robert T. McGorum, John Young, Walter Sheridan, Carl Jurgens, Frank Barnard and others who were unable to accept the invitation to be present.

Prof. Elson, of Boston, then read an original poem, with Mr. Welch for his subject, written for the occasion; and he followed this with a song, both of which were heartily applauded.

The best speech of the evening followed, and Attorney Blair demonstrated that he was not only an orator, but an elocutionist, by his superb rendering of "John Anderson, My Joe," and other poems. His speech was a masterpiece of eloquence.

William E. Doyle had only complimentary things to say of his twenty-five years' dealings with the Welch Bros., of their shipments to other large cities, of their other facilities and their reliability, closing with a brilliant prophecy as to their future success.

Lawrence Cotter's congratulations, and his peroration on the absorption of Canada, were in his best vein, and Frank Barnard's letter which followed expressed the wish that "the best days of the Welch Bros. in the past might be their poorest days in the future."

Judge Hoyt, from the rocky country of New Hampshire, was the wit of the evening, and his stories and repartee

Patrick Welch.

kept the banqueters in good humor until midnight. He called Mr. Welch "Our Sweet P," and seemed to be afraid that Lawson might want to absorb him.

Warren Ewell was the next speaker, and I regret I cannot give his oration exactly as it was delivered. Those who know Warren and have heard him speak will also regret it. Mr. Ewell's voice is still resonant and vibratory and there was no difficulty in hearing every word. Warren's reminiscences reached back to 1874, and included the suburb of Boston and its foundations, systems, taxes, horses and vegetables, a bay horse with a silver mane and tail receiving honorable mention. He spoke of experiences with the plow in his early days, and of the suburbs of New Jersey "where the glorious moon is beaming." Warren is a little difficult to follow, and it requires some care to grasp the intricate thoughts that surge through him, but the applause that followed his effort showed that he has lost none of his magnetic oratorical ability.

Michael Norton, the father of the flock, remembered Mr. Welch when he was a boy, and traced his career through all the years to the present in a most kind and complimentary way, speaking of his ability as one of the executive committee of the S. A. F. when he was president of the society, and of his methodicity and sagacity.

Mr. P. Welch then gave his response to the addresses made, in an eloquent and modest effort that was vociferously applauded. He toasted the memory of E. M. Wood, to which the gathering responded silently, paying a beautiful tribute to that gentleman's character and generosity, complimented his growers and retail customers in the most cordial and complimentary way, and closed his address with many appreciative words for his friends, who had honored him with the banquet.

A good orchestra dispensed fine music throughout the evening, and in many of the popular melodies which they gave the whole company joined. Other addresses were given by Messrs. Stewart, Jackson Dawson, George Anderson, John B. Dorr, W. W. Edgar, and William Martin, all of them full of pleasant personal recollections. About fifty participated in the festivities, and joined hands at midnight in rendering "Auld Lang Syne." It was a delightful evening and will always be a happy memory.

Items.

A visit to the home of the Anna Foster fern at Dorchester found all hands busy packing and shipping this handsome nephrolepis to every part of the country. Mr. Foster has found a great demand for his beautiful discovery and is much pleased with its reception. In addition to the small plants for the growers he has a large stock of the Anna Foster in 6, 7 and 8-inch pots ready for the retailer, and is sending these to the bon ton stores of Boston and New York. Mr. Foster anticipates a much greater demand for the fern in 1903, when its merits are more universally realized.

The sympathy of the trade everywhere is extended to Mr. Foster in the great sorrow that has befallen him in the loss of his wife last week, and those who knew this estimable lady can realize how greatly he is afflicted.

I found Mr. A. H. Hews, of North Cambridge, a little under the weather, an unusual condition for him, but his pottery business was as well as it could be, orders far ahead of shipments, and both travelers at home and not soliciting trade, because there was "not enough to go around," a most healthy state of affairs from a manufacturer's standpoint. This, too, is the oldest establishment of the kind in the country, reaching away back through several generations, and into the years when the witches were a Salem reality, and Bunker Hill and the tea episode only a few miles away.

The Boston Cut Flower Market is sadly cramped for room, and after January expects to be located in more expansive quarters with double the present space. One hundred and thirty-seven stalls at present and an average of 200 growers daily, with a spurt to 400 on holiday occasions, gives you some idea of the rush and hustle to be found there at 6 in the morning, an early hour for observation after a midnight banquet.

The manager here is certainly an adept, and a perfect and harmonious system prevails. No undue noise is heard, no smoking is allowed, and altogether it's a model market, as becometh the staid and venerable city. The display of cut flowers was fine and abundant. Alex. Montgomery was there with some fine Willowbrook mums that sold rapidly at $2.50 a dozen.

Mr. Elliott, the Asparagus King, ran in from his new place at Madbury, N. H., where his immense house, 810 feet long by 54 feet wide, with its 45,000 square feet of glass, is the wonder of New England and a veritable "sea of glass." Here he has over 20,000 plants of the American Beauty, and you can figure out what that means in the way of daily shipments, not only to the wholesale market, but all over New England. His asparagus houses at the old stand in

Brighton are doing their duty, as usual, and no signs of cessation in the demand for "cut strings" appear.

Pierce & Son, of Waltham, had a fine display of mums Saturday in the market, and are cutting 200 dozen a day already. They have 125,000 square feet of glass, one new house with 10,000 square feet entirely devoted to carnations, of which they plant annually 50,000. They have six houses of mums and expect to cut 200,000 flowers. Polly Rose, Glory of the Pacific, Bergmann and Fitzwygram constitute their present cutting, and Monrovia, the new yellow, which commands $2.50 to $3 a dozen. Mr. Pierce calls this an extra good mum year, with no diseased plants and a wonderful supply. This firm will have 175,000 lilies this season. Their shipments to the New York market are handled by Mr. John Young.

The Boston Fall Show occurs the week after the New York Madison Square exhibition.

A. T. Stearns & Co., of Neponset, is the pioneer cypress house of the north, and the largest, handling 15,000,000 feet a season. Mr. Stearns, Sr. at 82 is still hale and active in the management of the immense business of this house, which, in its greenhouse department, built in the east already this year 125 houses from 100 to 800 feet in length.

Mr. McCarthy has a clear field in the auction department of the business in Boston, and has had many very satisfactory sales this season.

Mr. Sutherland's wholesale cut flower and supply trade is booming, and his neat new store is a busy mart all the time.

A new wholesale house is called the Milk Street Cut Flower Company, and is managed by Mr. T. E. Waters, whose location and facilities promise success.

In the retail stores of Boston, which I had too little time to visit, I found a most healthful and hopeful atmosphere. At Galvin's the rush was constant, and the store handsomer than ever, as unusual care is taken daily to make the window decorations novel and attractive. Nine weddings in four days was the record last week, and great expectations as to the coming season prevail.

Houghton & Clark have a fine store on Boylston street, and report a good season with increased facilities.

Julius Zinn's store on Beacon street is as neat and prosperous as ever. McMulkin's big establishment has evidently had a share of the Boston trade and a prosperous year.

Norton Bros., Newman & Sons, William Doyle, Bunker, Carbonne and all the uptown stores demonstrate taste, enterprise and prosperity in the handsome window decorations, and illustrate their faith in the coming season by abundant preparation for the good times that are to be.

The coal question here amongst the growers is serious and absorbing, and anxious groups were discussing with a Standard Oil man at the market on Saturday the feasibility of a change of fuel and the necessity of immediate action to get their boilers ready for oil heating, which seems to be contemplated everywhere, and which if acted upon at once, may solve the serious problem of the hour.

J. Austin Shaw.

Erie, Pa.—S. Alfred Baur has completed rebuilding seven houses and his place is now in good shape for the winter season.

PHILADELPHIA.

The Flower Market.

This report, written too early to describe the first annual meeting, is necessarily meager. Secretary Rust reports encouraging support from the growers. Among the additions to subscribers are such well known firms as Myers & Samtman, M. Rice & Co., Geo. Anderson and Chas. D. Ball. Manager Meehan finds many of the small growers not heretofore heard from, favorably disposed towards the new project.

Notes.

Richard C. Lange sold the plants and fixtures at his old place on Ontario street last Tuesday, preparatory to moving to Morristown.

Chas. E. Meehan, Alfred Burton and Wm. Stevens went over to New York on Monday night, spending Tuesday in that city and Wednesday in Boston. Their object was to see the workings of the plant markets in those two cities.

The palm growers are having a very active season. Their two trials, and they are trials, are the uncertainty of getting coal and the delayed plant shipments, the railroads being less reliable than usual in forwarding freight.

S. S. Pennock is receiving some fine mignonette.

Leo Neissen is receiving some fine Beauties and valley. He finds business far ahead of last season.

Edward Reid has been doing a good shipping business. The quality of his carnations is famous.

Eugene Bernheimer has returned from a trip south. He finds the stock of his consignors in excellent condition, and predicts a prosperous season, with plenty of chrysanthemums.

Myers & Samtman are fortunate in receiving two cars of hard coal each week.

The Germantown Horticultural Society held its October meeting on Monday evening. Autumn leaves from Meehan & Sons, gladioli from Cowee and dahlias from Peacock were the features of the exhibition.

Chas. Mecky sent in the first pot chrysanthemums on the 10th. They were pink and white Pacific, very fine, in 7-inch pots.

S. S. Pennock has been receiving some very fine Ivory from Edwin Lonsdale. They bring 6 and 8 cents.

J. J. Habermehl's Sons have been very busy decorating department store openings. They have used great quantities of dahlias and other outdoor flowers in this work.

John Turnbull, with M. Rice & Co., has returned from a very successful three weeks' business trip. He reports an excellent demand for ribbon.

C. F. Knorr and Burton are sending in some very fine Brides and Maids, especially noteworthy, as the dark weather brings in much poor stock from many growers. Their place is interesting as one where Souvenir de Wootton is still grown successfully. Good soil and water in abundance favor these Fox Chase growers, while the best of fertilizers come from their own farms.

Julius Kohler & Son have built three new houses this season intended for azaleas and hardy roses. Their Clothilde Souperts are very promising. This firm has great quantities of fine stock. Their carnations are very fine. Scott especially so. Victor is also done well. A batch of longiflorum lilies kept in cold storage is just coming in flower.

Hugh Graham is cutting some fine chrysanthemums from his place at Logan, which are sold in his store.

James Verner, Garrettsford has four houses of Brides and Maids that are equal to any near this city. They are grown in benches. He also has Kaiserins in nice shape.

August Gontram, who was florist and gardener at Sacred Heart Academy, Torresdale, is about to start in business for himself on Rowland avenue, Holmesburg, having completed two houses, each about 25 feet by 150 feet, one for violets and one for carnations. The houses will be heated by hot water.

The coke supply at Holmesburg House of Correction is cut short; no more to be sold. It will be reserved for the guards, etc. Bad outlook for many small florists who have for years depended upon it.

Phil.

BOSTON.

Trade Conditions.

Owing to rather poor weather there has not been a heavy cut of first-class material for this time of year. During the past week and until Saturday about everything of all qualities was licked up by the quite steady demand, Saturday being the day of atonement, or Yom Kippur, the Hebrew element was largely eliminated, and as there was a much heavier cut than usual there was a heavy surplus to carry over Sunday.

I do not know that I ever saw the supply of material coming in more irregularly than at present, both as regards quality and quantity, from day to day. A prospective buyer needs to be in early and keep his weather eye open for the goods he can use.

Chrysanthemums now come the nearest to being plentiful, carnations next, then roses, violets, small white flowers, mignonette, lilies and odds and ends in the order named.

There seems to be quite an October crop of weddings coming on making a much better call for smilax and other green material than has existed since June, but there seems to be enough to supply the call.

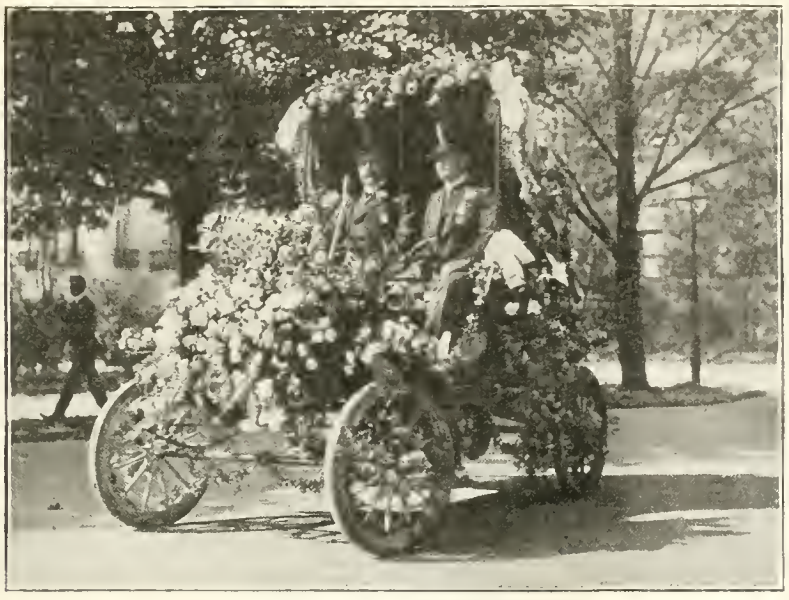
Many pink and white roses are yet badly mildewed, much enhancing the value of the clean ones.

Oil.

Several agencies have opened business in the city offering burners for use of oil in ranges and furnaces, some even going as far as to pretend to cater to heavy boiler business. Now, I took pains, preparatory to installing something of the kind, to write each of two insurance companies interested in my roof and what lies under it and asked them their opinions of such action on my part. I got word that my policies will be vitiated unless I wait until the New England Insurance Exchange takes favorable action in the matter.

Coal.

We are still "waiting till the shadows are a little longer grown," but they are getting pretty long now! The difference in the length of the night seems more noticeable than the corresponding decrease in the day to a man who arises about on the line that divides the two. Daily papers say that about 100,000 tons of soft coal are landing here per week, but I know florists who are trying



First Prize Decorated Automobile.

to obtain some of it with poor results for their efforts.

A full account of the banquet given in honor of Mr. P. Welch on the twenty-fifth anniversary of his start in the cut flower commission business, will be found elsewhere in this issue.

J. S. Manter.

A DECORATED AUTO.

The accompanying engraving is from a photograph of an automobile decorated by A. Gude & Brother, Washington, and which took first prize, a handsome silver loving cup, in the parade of motor carriages during the Grand Army Encampment in the national capital last week. The two gentlemen in the automobile are Col. C. E. Wood, the owner, on the right in the picture, and William F. Gude, president of the Business Men's Association, and member of the firm of A. Gude & Brother, on the left.

The auto was a bower of roses, chrysanthemums and carnations. The front was a mass of Kaiserin and American Beauty roses, the sides were tastefully festooned with Asparagus Sprengeri interspersed with pink carnations, and huge bows and flowing streamers of pink satin ribbon. The rear of the carriage was a bank of deep red roses and white chrysanthemums, and the wheels were decorated with pink roses.

NEW YORK.

Club Meeting.

Nearly fifty members were present at the meeting of the New York Florists' Club on Monday evening. The exhibition committee, through Mr. O'Mara, reported preparations for the great exhibition as progressing finely and everything indicating a grand display.

Mr. Lager, of Lager & Hurrell, read a paper on "Collecting Orchids in the Jungles of South America," giving many thrilling experiences with floods and reptiles, hunger and hardship. He considers Colombia the greatest place in the world for orchid gathering, there being a greater number of species there than in any other locality. He was given the thanks of the club for his essay.

A resolution by Mr. O'Mara regarding the menace of the coal strike to every one in the trade was adopted and ordered sent to the Governor of New York.

Robert Craig was present and gave a humorous address on flower show matters, suggesting the introduction of athletic sports as an incentive to attendance and intimating that a boxing match between Julius Roehrs and John N. May would prove a drawing card.

Short addresses were also made by Mr. Sander, Jr., of London, and Mr. Dimmock.

Among the Growers.

Mr. A. J. Clarke, of Clarke Bros., Portland, Ore., prolonged his visit East and "took in" several of the large establishments around New York last week. He is a native of Springfield, Ohio, and landed in Portland thirteen years ago with less than a dollar capital. Now the firm has fine greenhouse plants in 'Frisco and Portland and retail stores and nursery interests that promise, and have already materialized, a supply of "velvet" that would encourage any young man of enterprise to listen to the admonition of Horace Greeley. H. J. Millatt, formerly of Kansas City, is manager of the Portland retail department.

Out at Carlton Hill at Julius Roehrs' everything is about ready for the winter. Rebuilding has been in progress all summer and the big plant is now thoroughly in shape for the season. Sixteen of the old houses have been replaced by twelve enlarged ones. The change to heating by crude oil is in progress and all will be ready for any emergency. Burners are being put in all the furnaces and cold weather begins to lose its terrors.

Mr. Roehrs has a grand stock of everything this season, his Christmas novelties being already booked nearly to the limit. His orchid department is almost unlimited, and an exhibition in itself. The bay tree stock is much depleted but plenty of all sizes still remain. Mr. Roehrs will have a fine exhibit at the New York Club's show this fall.

Across the way Bobbink & Atkins are "booming" in all their departments. Their 60 acres of nursery and ornamental stock is a surprise to the visitor from afar, and their development of the business in the last five years indicates wonderful growth in the future. They are constantly adding to their acres, building new greenhouses and immense packing sheds and cellars, and there seems to be no limit to their ambition.

They imported in one shipment this year fourteen cars of bay trees, a veritable forest in May, now much reduced, as their sales have been constant during the summer. Their care of this stock, careful trimming in the spring and late in the fall, and constant attention, are apparent in their handsome shape and excellent condition now. Mr. Bobbink thinks: "If it were not for the labor question bays could be grown as profitably in this country as in Belgium, the growth being twice as strong here." Their collection of evergreens is large and varied, many of them fine specimens, and in twenty-five to thirty varieties, among them some grand stock of grafted Colorado blue spruce, Irish yews, golden arbor vitæ, concolor spruce, Nordmann's fir, sciadopitys and retinospora. The plants of standard, pyramid and globular buxus are apparently the better for a year of American growth.

Items.

There are whispers of an exodus of some of the wholesalers from Twenty-seventh to Thirtieth streets, to the third floor of the Coogan building, but they still lack confirmation.

Chas. Millang, of Twenty-ninth street, is building a 20 ft. sq. conservatory back of his wholesale store, intending to handle palms and plants from some of the best growers, and for the trade only.

Hicks & Crawbuck have "settled down" rapidly in their new quarters on the New York side, and are satisfied with their venture already. They are handling some excellent stock, their "special" Maids and Brides being "as good as they make 'em."

John I. Raynor has been handling some grand fancy carnations this last week and has all arrangements completed for a constant supply daily during the season.

The Millang family form a quartette now of wholesalers, Mr. August having just put out his shingle in the Coogan building.

Anton Then, of Chicago, and his wife have been visiting their boy at John May's, Summit, N. J., and taking in the sights of the metropolis on the side.

Mr. and Mrs. Murdock, of Pittsburg, have also been "in gay New York."

Next Friday, Sander & Son's annual orchid sale takes place at Cleary's.

Ford Bros.' new store is brilliant with paint, carpets, lights and a grand stock of Lager, Pacific, Henderson and Robinson chrysanthemums.

J. V. Phillips, Jr., of Brooklyn, has accepted a position as manager of the fine new retail store of Evans, of Colorado Springs, and seems much pleased with the change of scene and climate. Those glorious mountains would make any man ambitious and successful.

The Bowling Club met on Monday afternoon and organized for the season, with Will Siebrecht, president; W. Mansfield, secretary; L. Hafner, treasurer; Theo. Lang, captain. Mr. Traendly is "master of ceremonies," with vocal privileges added, and everything promises an interesting season. The monthly dues were placed at $1, as usual, and a special clause added to the by-laws reads: "All visitors will be made heartily welcome, and will pay 50 cents a night for bowling privileges"—which proviso makes it possible for all who

love the sport to come when they please and feel independent.

Mr. C. F. Bertanzel, gardener to W. L. Stow, of Roslyn, L. I., has returned from a two months' trip to France, Germany and his old home, Berne, Switzerland, where he was born. He studied Italian gardening while away and expects to illustrate many of its features in his work on the big estate at Roslyn, where he presides.

J. A. Millang has been connected with the "Cut Flower Co." since its commencement, and manager nearly four years. He reports a constant increase in the volume of his trade and refers proudly to some extra Brides, Maids and Mrs. Oliver Ames which have for the last six weeks come in large numbers from the houses of John N. May, Summit, N. J.

Wm. Plumb came up from Oyster Bay Monday in greatly improved health to attend the club meeting in New York.

Samuel McClements, of Pittsburg, is in the city, and Robert Craig and Mr. Fancourt, of Philadelphia.

J. Austin Shaw.

BUFFALO.

The agony is over and the mums are here in abundance and are taking well. The first we cut was Polly Rose on Oct. 5th. There are several sports of Glory of the Pacific, but Polly Rose is the best. I believe it originated with Mr. David Rose, and no doubt a Polly could be found in the family. We thought Willowbrook was going to supersede Polly, but in our opinion it will not. And soon flowers of every shade can be cut, and to blend with the yellow and bronze we have the glorious tints of the autumn foliage, of which the maple is the most beautiful. I see that the most cultivated English admire our word "fall" as so much prettier than the awkward sounding autumn. It is certainly easier said and descriptive of the tragedy of the vegetable kingdom.

Hereafter we will forget that we ever used the awkward word when speaking of the most beautiful season, for although it is said by the poet that "In the spring a young man's fancy gently turns to soft boiled eggs," it is so short, so muddy and we are in such a hurry that we do not enjoy spring. But many weeks of fall are given us, and if you are not satisfied with the glorious treat of the fields and forests, the pumpkin in the corn stubble and the meadow lark in the clover, the Baldwin and Northern Spy bending the branches, and many sweet sounds and sights, you ought to be confined to the house and the only recreation granted to be a two hours interview a day with your wife, and the subject to be strictly confined to the faults, failings and eccentricities of the hired girl. But that is too great a punishment even for a criminal, and we should have mercy and say just let it be solitary confinement.

I am glad to know, from what I hear of business, that it is first-class, and promises to be even better. With peace and industry restored, which must come soon, the florist can look forward to a fine winter's trade. The people who spend money with us are all feeling well off, and let us hope that all industrious classes will have a dollar to spare for the refining luxuries of life. Work is plenty in every line.

Mr. John Thorpe, of Chicago and Kansas City, sent me the preliminary schedule of the Kansas City flower show. It came in two flat cars and I borrowed the use of my neighbor's barn to unroll it. It's prodigious; it's pluck. No one but sincerely hopes that Uncle John will again score a great success. Any city of 200,000 people can make this big venture a success, if you can only make the people think it's the thing to attend. And as for a city of a million, if one in twenty of its people patronized the show it would be a success. I have heard on the best of authority that at the Edinburg, Scotland, chrysanthemum show, 42,000 people have attended in one day, and "Auld Reekie" has but something like 300,000. There will be something doing also in New York and Chicago, and we hope to see some of them. My address from the 30th to Nov. 5th will be Suite A, Waldorf Astoria, New York City.

W. S.

CHICAGO.

At a meeting of the executive committee of the Horticultural Society, held last Monday afternoon, the various sub-committees reported. Mr. E. A. Kanst was selected as superintendent of the show to be held at the Art Institute November 11 to 15. The society contributed $50 to the Florists' Club's fund for entertaining visitors at the annual banquet during the exhibition. It was announced that some interesting special prizes would be offered by the Foley Mfg. Co., of Chicago, the manufacturers of greenhouse material. They offer three prizes of $25 each for the best chrysanthemum plant, the best vase of American Beauty roses and the best vase of carnations. These are sweepstake prizes, and may be won by exhibits entered for other prizes, so double prizes may be won in each case.

The vases of Enchantress, Lillian Pond and Murphy's White carnations shown at the last meeting of the Florists' Club won much favorable comment from those who saw them.

J. A. Budlong has begun the erection of two more new houses, each 27x100. These are for young stock. He is also installing three 85-horse-power boilers to heat the range of ten new houses erected this summer, each 27x200.

Mr. Eli Hobbs has transferred his business to a corporation known as the E. Hobbs Co., recently incorporated with a capital stock of $2,500.

Asked if frequent shipments by growers were as essential this week as last, Mr. E. E. Pieser, of Kennicott Bros. Co., replied emphatically "Yes," and pointing to a lot of callas said: "The shipper of that stock usually sends in Mondays and two other days in the week. This week he waited till Tuesday. On Monday we had to chase all over for callas and couldn't fill a shipping order satisfactorily for lack of callas. Tuesday there was no call and we couldn't force a sale on what we were hungry for the day before. If consignors would keep the dealers better posted as to what to expect in the way of stock they could always do much better for them. The dealers are frequently deluged with stock today that they have been obliged to decline advance orders for the day before."

Peter Reinberg is cutting some fine white chrysanthemums that have brought as high as $3.50 per dozen.

E. H. Hunt is receiving blooms of the new pink rose Helen Gould and they find considerable favor with buyers.

Recent visitors: Wm. Murphy, Cincinnati; L. F. Darnell, Cleveland; Henry Smith, Grand Rapids, Iowa; Mrs. A. L. Glaser, Dubuque, Iowa; Mr. Rice, of Rice Bros., Minneapolis.

McKellar & Winterson have raised a fine crop of metal flowers and designs of same.

Peter Reinberg is interested in the new Columbus Brewery and has been elected vice-president of the company.

Brant & Noe's large range of glass at Forest Glen, eighteen houses in all, most of which are 300 feet long, are all planted entirely to roses, and the stock looks well.

Although Meteors are their stronghold, they have the middle benches of nine houses, also north benches of three others, planted to Beauties, and this is the first year they have run any Beauties over. Beginning June 1 the benches in one house were gradually dried off until July 1, when the plants were severely pruned and tied down to induce breaks from the bottom and sides of stems. As much of the soil was removed as could be done without injury to the roots, and the remaining soil was given a coating of air-slacked lime, the benches thoroughly watered and then refilled with a compost of cow manure, sod and bone meal; again thoroughly wetted, after which regular watering was gradually resumed as the weather permitted. The plants threw a good quantity of bud-producing stems and have given a large proportion of medium-length stems, with some fancies and firsts.

Of the nine houses planted to Meteors, three have been run over for the second year. Two of these were pruned quite generously, tied down and treated as the Beauties were, and produced heavily during the entire summer.

Their experience with Liberty is limited, having but a few plants. These have been carried over one year and give promise of doing well. They have been cutting from them for about six weeks, but as the number of plants is small, they are not able to compare it with Meteor, grown on a large scale. So far they do not feel like displacing Meteor for it, as Meteor produces so much more heavily.

Their Brides and Maids, all from young stock, look exceedingly well, as does everything about the place, which shows the care and attention devoted to it.

Mr. A. J. Clark, of Portland, Ore., passed through this city Wednesday on his way home from the east.

Edgar Sanders is still improving, though not able to move himself yet. He enjoys seeing his friends, which helps to pass away the time.

Attention Bowlers.

A meeting of all the bowlers in the trade is called for Thursday, October 23, at 8 p. m., at McKellar & Winterson's, 45 Wabash avenue, to formulate plans for a winter campaign that will result in the selection of a winning team at the national tournament at Milwaukee next year. The presence of all interested in the game is requested, whether club members or not.

Prepare advs. now for our special Thanksgiving number, to be issued Nov. 13.

ST. LOUIS.

The Market.

The week just passed was fair week in our city, which brought in a lot of strangers to see the sights, but this did not help the florists much. For the Veiled Prophet's ball on Tuesday night the trade was about the same as last year. Long Beauties seemed to have the preference over all other flowers worn at the ball. Meteors and Liberties had second call. The Merchants' Exchange Hall, where the ball was held, was handsomely decorated as in former years, and due credit must be given the Riessen Floral Co. for the way they did the work.

Trade in cut flower lines was very good the past week, mostly funeral work. The first part of the week stock was scarce and nearly everything sold out early, but the latter part of the week it became more plentiful. Chrysanthemums, such as Fitzwygrams, Glory of the Pacific, Mme. Bergmann and a few Sunderbruch, are coming in better each day and are selling in the stores at $3 per dozen.

In roses there was a full supply of choice Meteors, Brides, Maids, Gates, Carnots and Perles. Beauties in all classes seem more plentiful. All of the above are of good quality and very little mildew is seen.

Carnations, too, were more plentiful and are coming in with longer stems. Flora Hill, Scott and Crane are among the best. The demand for them the past week was great and hardly enough came in to supply it.

Violets are very much better in color and size, and California is the only variety in the market. Cosmos, outdoor-grown, are being offered in large quantities and sell well. Valley sent to this market by George & Allan, of Cincinnati, is of very fine quality.

The dealers report the cut flower trade as being very satisfactory.

The St. Louis Fair.

At the forty-second annual fair, held last week by the St. Louis Agricultural and Mechanical Association, $500 was offered in premiums for plants, cut flowers and floral designs. The only exhibitors were W. M. Schray & Sons, Ellison & Tesson and C. Young & Sons Co. In the exhibition of plants Wm. Schray & Sons captured $248 in prizes, and C. Young & Sons Co. came in second with $140 in prizes. In the exhibition of floral designs, cut flowers and table decorations Ellison & Tesson came in for $56, and C. Young & Sons Co. for the same amount. The displays were not so large as in former years. The warm day had a bad effect on the cut flowers and designs, which looked bad before the judge made his rounds. The attendance on big Thursday, the day of the floral exhibit, was 50,000, and a goodly crowd was in Floral Hall all day long.

Visitors.

Miss Alice Winans and Martha D. Foote, of the Summit Greenhouses, Eureka Springs, Ark., were visitors the past week, attending the fair and calling on the trade.

A Check Swindler.

Several South St. Louis florists were victims of the fraudulent check scheme the past week. At the Eggling Floral Co.'s the swindler ordered a wreath for $9.75 and tendered a check for $22.50. He departed after receiving $12.75 in change. The Deimer Floral Co. had the same experience, the swindler receiving $10 in change for a worthless $16.50 check. And Miss Rose Arata, on Lafayette avenue, is out $4.85 that she gave in change for a $9.85 check. The swindler is described as about thirty-five years old, tall and well dressed and a fine talker. His dealings are with the lady florists only. The police have a good description of the fellow, and should he be caught the ladies say they will make it hot for him.

Belleville Notes.

Dr. A. S. Halstedt and E. W. Guy, of Belleville, called on the trade the past week. Dr. Halstedt has bought all of Mr. Hueke's Lawson carnations and contemplates leasing the Hucke place for a number of years to grow stock for the trade. He reports that business has been very satisfactory with him and that he is now living in his newly fitted-up home.

Mr. Guy is cutting some fine mums, Maids and Gates. He says that trade so far this season has been very good with him, having had all he could do. Mr. Guy's father, an old-time florist of Kimmswick, Mo., and now living on his farm at St. James, Mo., is running for probate judge on the Republican ticket.

Hail Storm.

A hail and thunder storm visited St. Louis and vicinity at 9:25 Tuesday night. Hail stones of unusual size played havoc with some of the florists. Among those sustaining damages were Chas. J. Juengel, Eggling Floral Co., Michel Plant and Bulb Co., Missouri Botanical Garden, Mrs. M. M. Ayers and Mary Ostertag. It is also reported that most of the Kirkwood florists lost more or less glass. Nearly all the large establishments in the southern and western parts of the city escaped the storm and the proprietors consider themselves very lucky. J. J. B.

CINCINNATI.

The Market.

Bad weather during the early part of last week cut down the stock to such an extent that there was scarcely anything with which to fill orders. Several days of sunshine has changed all of this and there is now a plentiful supply of both roses and carnations. Trade also improved with the advent of a better supply and now it is all that could be desired.

Chrysanthemums are now the flowers: hundreds of them are coming in and the demand for them is good. Twenty cents is the top figure so far obtained for them in this market, the variety being Lady Harriet. Other mums coming in at present are Merry Monarch, Willowbrook and Polly Rose. Bergmann are mostly small in size and sell as low as $4 per 100. As yet there is no good yellow and a good one is needed badly. Mrs. Robinson is beginning to be cut, but it is scarcely ready.

There were no seedling mums before the chrysanthemum committee to be passed upon on Saturday.

The rose market is in good condition, and prospects are that the quality of stock will rapidly improve from now on. Liberties are coming in in large quantities and the quality is much better. Brides also are in better supply. From what little I see of the new rose Ivory, it strikes me that it is going to make good.

Carnations are improving in quality and the supply is ample.

Dahlias and cosmos are still in the market in large quantities and sell well. A few violets are to be had, but they sell slowly. There is plenty of smilax and asparagus.

Meeting of the Florists' Society.

The Cincinnati Florists' Society held its regular meeting on last Saturday evening. The principal business was the chrysanthemum show that is to be held in the club rooms on November 8. The schedule is: Best vase mums, 12 blooms each—white, pink, yellow—first prize, each, $6; second, each, $4; third, each, $3. Best vase 25 Bonnaffon, first, $10; second, $8; third, $6. Best general display, $10.

Besides this there are the S. A. F. O. H. medals, one silver and one bronze, offered for a new and meritorious plant or flower of American origin. The medals may be competed for at this and subsequent shows, not less than twelve blooms of any cut flowers to be staged in competition. Medals will be awarded at the March exhibition. The rules of the Cincinnati Florists' Society will apply to the above, which may be obtained by addressing the secretary, F. W. Ball.

There was considerable talk of combining our rose and carnation shows into one big show, to be held early in March. The majority of the members seemed highly in favor of the plan.

A vase of the new carnation, Enchantress, was on exhibition during the meeting.

Notes.

Mr. W. K. Partridge is about to erect a range of six new houses. He intends to build them during the winter, so as to have them for early spring planting.

H. D. Edwards has discontinued his Vine street store and will devote his entire time to his Newport, Ky., establishment, where he has worked up a good paying business.

George & Allan are greatly troubled with grub worms. Their destructive work is beginning to assume very serious proportions, their loss already amounting to nearly $1,000 in Beauty and other rose plants destroyed. It seems as if they can find nothing that will destroy these pests.

R. A. Murphy is cutting some fine dahlias, many of them being as large as chrysanthemums.

William Murphy was in Chicago during the past week.

E. G. Gillett and J. A. Peterson were in Dayton, Ohio, attending the Masonic Conclave.

Visitors were J. J. Lampert, Xenia, Ohio, and Herbert Heller, New Castle, Ind. C. J. Ohmer.

Olean, N. Y.—Dana R. Herron has just completed two new houses.

If you have anything to offer the trade you are cordially invited to the business banquet, to be spread in our special Thanksgiving number, to be issued Nov. 13.

Allegheny, Pa.—Messrs. G. and J. W. Ludwig recently made for the funeral of a gentleman interested in the East Liverpool potteries, a potter's kiln in flowers, for which they received $150.

ORCHIDS VALLEY **Samuel S. Pennock,** ORCHIDS VALLEY

Open from 7:30 a. m. to 8:00 p. m.

1612-14-16-18 LUDLOW STREET, PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Buffalo, October 15.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	12.50 to 15.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Extra	5.00 to 7.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnots	3.00 to 8.00
Cusins	2.00 to 6.00
Golden Gates	2.00 to 6.00
Kaiserins	3.00 to 8.00
Liberty	3.00 to 8.00
Meteors	2.00 to 6.00
Morgans	2.00 to 6.00
Perles	3.00 to 6.00
Sunrise	3.00 to 6.00
Cattleyas	40.00 to 60.00
Carnations, Commons	.50 to .75
" Selects	1.00 to 2.00
" Fancies	2.50 to 3.00
Adiantum cuneatum	.50 to 1.25
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 1.50
Asparagus Sprengeri, Sprays	1.00 to 1.50
Callas	8.00 to 12.50
Chrysanthemums, ordinary	10.00 to 15.00
Dahlias	1.00 to 3.00
Gladiolus	1.00 to 2.00
Speciosum lilies	3.00 to 5.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	1.00 to 1.50
Violets, ordinary	.30 to .40
" extra	.50 to .75

Galax, per 1000, $1.00 to $2.00
Common ferns, per 1000, $1.25 to $1.50

Cincinnati, October 15.

	Per 100
Beauties, Extra	$15.00 to $25.00
" No. 1	8.00 to 12.50
" Shorts	3.00 to 6.00
Brides and Maids, Extra	3.00 to 4.00
" " No. 1	2.00
" " No. 2	1.00
Golden Gates	2.00 to 4.00
Liberty	2.00 to 4.00
Meteors	2.00 to 4.00
Perles	2.00 to 3.00
Carnations, Commons	.75 to 1.50
" Fancies	1.50 to 3.00
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus	40.00 to 50.00
Asparagus Sprengeri	25.00 to 35.00
Valley	4.00
Chrysanthemums, Ordinary	8.00 to 10.00
" " Fancy	15.00 to 20.00
Violets, Ordinary	.35 to .50
Dahlias	2.00
Cosmos, 25c to 35c per bunch.	
Smilax	12.50 to 15.00
Galax, per 1000, $1.00	.15
Leucothoe	.50
Common Ferns	.15

BEGONIA LORRAINE.

It is better to run this begonia rather cool than too warm. If kept warm the plants will bloom early and are apt to drop their flowers about the time they are most needed to make the plants salable. As it will then be some time before they get into good bloom again disappointment will result.

Plants kept for propagating must have their vitality conserved. A shaded house at 40 to 50 degrees is to be preferred, and of course under these conditions the plants must be watered sparingly.

SAM.

Prepare ADVS. NOW
For our special
Thanksgiving Number
To be issued **NOV. 13.**

EVANSVILLE, IND.—Johanna M. Niednagel, wife of Julius Niednagel, the florist, died Oct. 5 in her 49th year, as the result of a stroke of paralysis. Mr. Niednagel has the sympathy of all in his bereavement.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—As foreman on a medium sized place. Grower of roses and carnations. State wages in first letter. Address Foreman, care of Jas. McSorley, 817 Albermarle St., Richmond, Va.

WANTED—To correspond with Arthur Detrich. Address John L. Wyland, De Haveu, Pa.

WANTED—Situation, in Chicago, as gardener; private or commercial place; 6 years' experience; good refs. Address E. V., care Florists' Review.

WANTED—Young man for flower store; must have a fair knowledge of the business and not afraid of work Answer with reference. M. K. C., care Florists' Review.

FOR SALE—One Wilks boiler, 42x48 inches, price $75.00. One fire-box steam boiler, 8 ft. long, grate 18x24 inches, price $50.00. Both are in perfect condition. Address W. Pfund, Oak Park, Ill.

SITUATION WANTED—As regular fireman by married man; has had several years experience in general greenhouse work. Address R. T., care Florists' Review.

FOR SALE—In changing plans for greenhouses I find I have a surplus of wrought iron pipe which I will sell at the following net prices: 1500 feet 1-inch at 4½c per foot; 3000 feet of 1¼-inch pipe at 6¼c per foot; 400 feet 1½-inch at 7½c per foot; 500 ft. 2-in. at 10c per foot. Please note this is not second-hand pipe, but new pipe tested to 400 lbs. water pressure and fitted with threads and couplings. At the above prices it will pay you to buy it even to use for supports. Will accept orders for all or any part. First come, first served. Address Surplus, care Florists' Review.

WANTED—A reliable firm in St. Paul, or vicinity, that can use the cut flowers of 2000 standard carnation plants and the cut from 1000 Bridesmaid, Meteor and Golden Gate rose plants. Address Northern Iowa, care Florists' Review.

WANTED—An all-around good man, single, to take care of small garden and horse. Address C. M., care Florists' Review.

WANTED—200 feet good second-hand 4-in. cast pipe, 5 ft. lengths, or good wrought pipe. Logan Avenue Green Houses, Danville, Ill.

WANTED—TO BUY—In Northern Indiana or Southern Michigan, an established florists' business with about 5000 ft. of glass. Don't write if your place is a ruin or you are being run out with competition. Address Business, care Florists' Review.

FOR SALE—One Hitchings boiler, No. 19, in perfect condition. Price $125.00, f. o. b. William Lee & Son, Bedford, Ohio.

WANTED—Three or four young men as helpers in our rose and smilax house. Apply to Bassett & Washburn, Hinsdale, Ill.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

FOR SALE—Horizontal tubular boiler 48x15 with plu hat dome and with thirty-nine 3½-inch flues; very suitable for heating hothouses. Apply to Wisconsin Box Co., Wausau, Wis.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Good retail trade. Address S. S., care Florists' Review.

WANTED—Address of Arthur L. Hilton, formerly of Setauket, N. Y. Address P. H. A., care Florists' Review.

FOR SALE—Seven acres of land; greenhouses, over 6000 feet under glass; good location; good 7-room dwelling house; No. 1 flowing well; good business; retiring from business on account of failing health. For particulars address T. Kloss, St. Peter, Minn.

WANTED.

Bright energetic man as manager for an eastern seed house. Must be conversant with catalogue work.

SEEDS, care Florists' Review.

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; terms reasonable; best of reasons. Correspond with

ROBERT P. TESSON, Trustee,
4248 Olive Street, ST. LOUIS, MO.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hard wood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100; **$45.00** per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.
Mention The Review when you write.

Cyclamen Giganteum or Persicum.

Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00. **Cinerarias,** 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. **Primulas**—Chinese—3-in., $3.00; 3¼-in., $5.00 100; Obconica—2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100, 200 for $5.00; 3½-in., ready for 5-in., $5.00 100. **White Stocks,** 2¼-in., $2.00 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100.

Umbrella Plants, from flats, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N. Y.**
Mention The Review when you write.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

DAN'L B. LONG, Publisher, **Buffalo, N.Y.**
Mention The Review when you write.

A BARGAIN!

E. Crocker	$3.00	per 100;	$25.00	per 1000
Wm. Scott	3.00	"	25.00	"
Daybreak	3.00	"	25.00	"
Prosperity	3.00	"	25.00	"
Smilax, 2-inch	.50	"	5.00	"

The above is first-class stock in every way. It is getting late and we want to close them out

S. T. DANLEY, MACOMB, ILL.
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.

Wholesale Growers of **Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees,** and **Small Fruits** in great variety.

Send for our Wholesale Price List.

LEO NIESSEN,
VALLEY, BEAUTIES.

N. W. Cor. 13th and Filbert Streets,
PHILADELPHIA, PA.

Store open from 7 a. m. to 8 p. m. until further notice.

Mention The Review when you write.

Special Offer. White Roman Hyacinths Paper White Grand. Narcissus

UNUSUAL VALUE.
QUALITY UNSURPASSED.

	Per 100	Per 1000
White Roman Hyacinths, 12 to 15 centimeters (none better)	$2.25	$22.00
True Paper White Grandiflora Narcissus, 13 centim. and over, fine bulbs (1000 to case)	1.00	8.50
Single Named Dutch Hyacinths, separate colors, for pot forcing	3.25	30.00
Single Dutch Hyacinths, separate colors, splendid bulbs, for bedding or forcing	2.30	22.00

Send for our Bulb List.

JOHNSON & STOKES, 217 and 219 Market St., **PHILADELPHIA, PA.**

Mention The Review when you write.

...THE...
Model
EXTENSION CARNATION SUPPORT.
ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.
Made with two or three circles.
Prompt shipment guaranteed.
Pat. July 27, 1897; May 17, 1898.
Write for prices and circulars.

IGOE BROS.
226 N. 9th St., Brooklyn, N. Y.

Fall Bulbs!
COMPLETE STOCK NOW READY.
Bulb Catalogue on application.

Freesias French Grown, 1st size, 100, 60c.; 1000, $4.50. Mammoth, 100, 85c; 1000, $7.50.

Narcissus Paper White, 100, 80c.; 1000, $7.00. Paper White Grand., 100, $1.00; 1000, $8.25.

Callas They are Fine Bulbs...

1¼-1½-inch	$0.75 doz.	$ 5.00	100
1½-1¾ "	1.00 "	7.00	"
2 -2½ "	1.25 "	9.00	"
Mammoth	1.50 "	12.00	"

W. W. BARNARD & CO.,
161-163 E. Kinzie St., **CHICAGO.**

Mention The Review when you write.

FANCY or DAGGER FERNS, 75c per 1000. Discount on large orders. Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

Southern Wild Smilax,
Long Needle Pines, Magnolia Leaves, Mistletoe, Holly,
Palm Crowns and Palm Leaves.

Orders filled promptly at lowest prices consistent with choice quality.

JNO. S. COLLINS, - Geneva, Ala.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, October 15.

	Per doz.
Beauties, Specials	$1.00
" Extra	3.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	$6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Carnots	6.00 to 8.00
Meteors	3.00 to 6.00
Sunrise	4.00 to 8.00
Golden Gate	3.00 to 6.00
Kaiserins	2.00 to 8.00
Liberty	4.00 to 10.00
Perles	3.00 to 6.00
Cattleyas	40.00
Carnations, Commons	.75 to 1.00
" Selects	1.50 to 2.00
Adiantum cuneatum	1.00 to 1.50
Dahlias	1.00 to 4.00
Valley	2.00 to 5.00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 3.00
Asparagus Sprengeri, Sprays	1.50 to 2.00
Mignonette, Ordinary	1.00 to 1.50
" Fancy	2.00 to 3.00
Smilax	12.50 to 15.00
Violets, Double	.50 to .75
" Single	.25 to .35

Stock is more plentiful this week and prices a shade easier. Beauties are in very active demand and sell better than any other rose. Chrysanthemums are increasing in quantity. Lady Harriet is the best pink and white variety. These came from H. Weber & Sons to S. S. Pennock and bring $2.50 a dozen. Kalb, Pacific and Bergmann bring $1.00 to $2.50 a dozen. Dahlias do not sell as well as a week ago. Violets are increasing in quantity and improving in quality. Leo Niessen has some very nice pansies and is also receiving some L. longiflorum. Taken all in all business is very satisfactory for the season. Phil.

Pittsburg, October 15.

	Per 100
Beauties, Specials	$25.00 to $30.00
" Extra	18.00 to 20.00
" No. 1	10.00 to 15.00
" Shorts	2.00 to 5.00
Brides and Maids, Specials	6.00
" " Extra	4.00 to 5.00
" " No. 1	2.00 to 3.00
Cusin	2.00 to 3.00
Golden Gate	2.00 to 4.00
Kaiserins	2.00 to 8.00
Liberty	2.00 to 6.00
Sunrise	2.00 to 3.00
Carnations, Commons	.75 to 1.00
" Fancies	1.25 to 2.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 3.00
Asparagus Sprengeri, Sprays	2.00 to 3.00
Chrysanthemums, Ordinary	8.00 to 12.00
" Fancy	15.00 to 20.00
Dahlias	1.00 to 2.00
Valley	2.00 to 4.00
Violets, Ordinary	.50 to .75
Smilax	6.00 to 15.00
Galax	.15
Common ferns	.20
Leucothoe	1.00

Always Mention the....
Florists' Review
When Writing Advertisers.

GEORGE M. MOSS,
WHOLESALE FLORIST,
Beauties, Brides, Maids, Carnations, Smilax and Asparagus.
32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.
Mention The Review when you write.

EDWARD REID
WHOLESALE FLORIST.
A large Stock of **Roses, Carnations, Valley** and other Flowers.
1526 Ranstead St., PHILADELPHIA.
Store closes at 6:30 P. M. Saturday, 1 P. M.
Long Distance Telephone.
Mention The Review when you write.

FRED. EHRET,
WHOLESALE FLORIST,
Specialties: Bridesmaids, Brides and Beauties.
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Grower of
Areca Lutescens, Kentia Belmoreana, Kentia Forsteriana and Latania Borbonica.
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Headquarters for Florists' RIBBONS and NOVELTIES.
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LILIES AND VIOLETS "THE LILY KING." All Kinds of Flowers and plenty of them.

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Beauties, Meteors, Brides and Bridesmaids are the leaders.

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ORCHIDS A SPECIALTY.

HEADQUARTERS FOR NOVELTIES

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THE VIOLET AND CHRYSANTHEMUM HOUSE OF AMERICA.

ALL VARIETIES OF CUT FLOWERS SOLD ADVANTAGEOUSLY FOR CONSIGNORS.

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Tel. No. 168 Madison Sq.

We ship all over the U. S. Ont-of-town florists telegraph your needs. Consignments of first-class flowers always realize with us the best market prices.

If years of great success and reputation for stability,
Are proof of first class goods and true reliability,
Then why the shadows follow, why seek elsewhere what you need?
We may not do all the business, but you well know that we lead.

Mention The Review when you write.

MOORE, HENTZ & NASH,

Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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GEO. SALTFORD,

Author of "HOW TO MAKE MONEY GROWING VIOLETS."

WHOLESALE FLORIST,

46 West 29th Street, NEW YORK CITY.

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CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

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Daily Reports. Weekly Payments.

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Wholesale Cut Flower Prices.

New York, October 15.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Fancies	15.00 to 25.00
" Extras	12.00 to 20.00
" No. 1	8.00 to 12.00
" No. 2	4.00 to 6.00
" No. 3	1.00 to 2.00
Queen of Edgely, Specials	20.00 to 25.00
" " Fancies	15.00 to 20.00
" " Extras	10.00 to 12.00
" " No. 1	3.00 to 5.00
Brides and Maids, Specials	8.00 to 10.00
" " Extra	6.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	1.00 to 2.00
Golden Gates	.50 to 4.00
Liberty	2.00 to 8.00
Meteors	.50 to 4.00
Perles	1.00 to 3.00
Cattleyas	20.00 to 35.00
Cypripediums	10.00 to 12.00
Dendrobium formosum	25.00 to 40.00
Carnations, Commons	.50 to 1.00
" Selects, white	1.50 to 2.00
" " piuk	1.00 to 1.50
" " red	1.00 to 1.50
" Fancies	1.50 to 2.00
" Novelties	2.00 to 5.00
Adiantum cuneatum	.50
" Bardii	1.25
" Farleyense	6.00
Asparagus plumosus, Strings	25.00 to 35.00
Plumosus Sprays, $2.00 a doz. bunches.	
Sprengeri Sprays, 2.00 "	
Chrysanthemums, Ordinary	2.00 to 5.00
" " Fancy	15.00 to 30.00
Harrisii lilies	8.00 to 10.00
Valley	2.00 to 5.00
Violets, Ordinary	.15 to .25
" Extra	.25 to .50
" Specials	.75
Smilax, First Grade	10.00 to 12.00
" Second Grade	6.00 to 10.00
Mignonette, Ordinary	3.00
Dahlias	1.00 to 3.00
Galax, per 1000, $1.00.	
Leucothoe	1.00
Common Ferns, per 1000, 50c to $1.00.	

At time of writing prices show a downward tendency. The specials are not numerous and they have to be extra fine to command the prices quoted.

The chrysanthemum has taken possession and the largest blooms have reached the high water mark of $4.00 a dozen, but they are few. There is a great deal of inferior stock in the market and there are indications of an oversupply before the week is out. The best varieties now being received are Lager, Willowbrook, Pacific, Kalb, Polly Rose and Yellow Monarch.

Violets are rapidly improving in quality, but the supply exceeds the demand and the prices are low, the pick of the stock seldom reaching 75 cents.

The best valley reaches $5.00, but most of it goes at $3.00. Asters and gladioli have passed but the dahlia still reigns. Lilies come in slowly and bring good prices.

JOHN YOUNG

Special American Beauties, Surpassing Carnations, Lily of the Valley, Orchids and all seasonable flowers.

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Tel. 1905 Madison Sq.

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YOUNG & NUGENT,

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Are supplying the most superb stock of Seasonable Flowers ever offered to New York buyers. Meteor, Liberty, Beauty, Bride and Maid Roses. Splendid Cattleyas.

Send for quotations.

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AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.

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BRADSHAW & HARTMAN,

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53 West 28th Street, NEW YORK.
Telephone 1239 Madison Square.

Consignments Solicited.

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Open from 6 a. m. to 5 p. m.

Cut Flower Exchange, 55-57 W. 26th St.

Phone 299 Madison Square. NEW YORK.

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CHICAGO, ILL., October 15th, 1902.

TO THE TRADE: With a heavy frost Monday night and some bright weather, flowers ought to improve. Roses, Beauties and Mums are in full supply, Carnations are only in fair supply.

Following are the current prices: **Roses, Maids, Brides, Meteors, Perles,** first quality, 4c to 5c; second quality, 2c to 3c. **Liberty,** 4c to 8c. **Chrysanthemums,** 50c to 75c; fancy, $1.50 to $2.00 per doz. **Carnations,** our selection, $1.25; Carnations, good to choice, $1.50 to $2.00; fancy, $3.00. **Valley,** 4c to 5c. **Violets,** 50c to $1.00. **Am. Beauties** run according to stem from 6c to 25c each.

Everything in Season at Chicago price day of shipment.

Thanking you for past favors, we remain, yours respectfully,

KENNICOTT BROS. CO.

42 and 44 Randolph St. - - CHICAGO.

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Established 1872.

JOHN J. PERKINS,

WHOLESALE AND COMMISSION FLORIST,

115 W. 30th St., NEW YORK.

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WANTED a few more reliable growers of Carnations and VIOLETS.

Only first-class stock handled.

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WALTER F. SHERIDAN,

Wholesale Commission Dealer in

CUT FLOWERS

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Receiving Extra Quality American Beauties and all other varieties of Roses.

Telephone 902 Madison Square. Carnations.

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BUYS New, Rare and Choice PLANTS and FLOWERS.

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Props. of THE CITY HALL CUT FLOWER MARKET.

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WEEKLY REPORTS! MONTHLY PAYMENTS!

(OR OFTENER IF DESIRED.)

ESTABLISHED 1877. FACILITIES UNEQUALLED.

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Wholesale Cut Flower Prices.

Boston, October 13.

	Per 100
Beauties, Specials	$30.00
" Extra	20.00
" No. 1	15.00
" Shorts	5.00 to 6.00
Brides and Maids, Specials	10.00
" " Extra	8.00
" " No. 1	4.00 to 6.00
" " No. 2	1.00 to 2.00
Carnots	2.00 to 8.00
Golden Gates	2.00 to 6.00
Kaiserins	2.00 to 8.00
Liberty	2.00 to 12.50
Meteors	2.00 to 10.00
Morgans	2.00 to 8.00
Carnations, Commons	1.00 to 2.00
" Selects	2.00 to 4.00
Callas	10.00
Dahlias	.50
Gladiolus	3.00
Longiflorum lilies	10.00
Valley	3.00 to 5.00
Smilax	12.50
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus, Striogs	50.00
" " Syrays	1.00 to 2.00
" Sprengeri, Sprays	1.00 to 2.00
Violets	.50 to .75
Galax	.15
Common Ferns	.10
Mignonette	1.00
Chrysanthemums, Ordinary	4.00 to 8.00
" Fancy	8.00 to 20.00

HARDY CUT DAGGER and FANCY FERNS.

A-No. 1 quality, $1.00 a 1000.

Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.

Orders by mail, telephone or telegraph promptly attended to. Discount on large orders. L. D. Telephone 2618 Main.

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GALAX, Bronze, $1.25 per 1000. Green, 1.00 "

FERNS, FANCY .....$1.50 per 1000. DAGGER.....75c "

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Ferns, Galax Leaves and Leucothoe Sprays

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3000 6-inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

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Vigorous, 6-inch pots, 18 inches high, **$12.00** a dozen. Also 7-inch at **$1.50** each; 8-inch at **$2.00** each.

JOHN WELSH YOUNG, GERMANTOWN, Upsal Station, Penna R. R. Philadelphia, Pa.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, October 15.

	Per doz.
Beauties, 36 to 40-inch stems	$ 3.00 to 4.00
" 30-inch stems	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.25
" 12 "	1.00
" 8 to 10-inch stems	.75
" Shorts	.50
	Per 100.
Bridesmaids, Specials	6.00
" Firsts	5.00
" Seconds	3.00 to 4.00
" Culls	1.00 to 2.00
Brides, Specials	6.00
" Firsts	5.00
" Seconds	3.00 to 4.00
" Culls	1.50 to 2.00
Perles, Firsts	5.00
" Seconds	3.00 to 4.00
Liberty, Specials	10.00 to 12.00
" Firsts	6.00 to 8.00
" Seconds	4.00
Golden Gate, Firsts	6.00
" Seconds	3.00 to 5.00
Meteor, Firsts	4.00 to 6.00
" Seconds	2.00 to 3.00
La France	10.00 to 12.00
Mme. Chatenay, Firsts	8.00
" Seconds	4.00 to 6.00
Sunrise	4.00 to 6.00
Ivory, Firsts	10.00 to 12.00
" Seconds	5.00 to 8.00
Carnations, Fancy	4.00 to 5.00
" Commons	2.00 to 3.00
" Culls	1.00 to 1.50
Valley	3.00 to 5.00
Roman hyacinths	4.00
Violets	.50 to 1.00
Harrisii lilies	12.00 to 18.00
Chrysanthemums (Fitzwygram)	4.00 to 10.00
" (Kalb, etc.)	12.50 to 25.00
Smilax	8.00 to 12.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" " Sprays	2.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

The fair weather continued during most of the past week and the supply has so increased that prices have eased all through the list. There is now no shortage except in white carnations. The quality of stock coming in has improved in spots, but an unpleasantly large proportion of the increase in supply is in roses of poor grade. There is considerable mildew, and soft, flabby, short-stemmed stock is much in evidence. The "specials" are still few and far between, there is a fair supply of "firsts," a goodly lot of "seconds," and altogether too many "culls." Cull Brides bring a little more than Maids of same grade, probably on account of the shortage of white carnations.

A hard killing frost last Monday night put a period to the cut of carnations from outside plants, and the indoor stock is not yet producing freely enough to meet all demands. Few of the sorts usually termed fancy are yet producing and our quotations on this grade are only occasionally realized. For all practical purposes $3.00 is the top and really good stock can be had for that price. Culls are sold at as low as $1.00, but there are few so poor as to get to that notch. More are sold at $1.50.

In chrysanthemums, Fitzwygram is passing out and the supply of Kalb and Bergmann is increasing, while October Sunshine and Willowbrook are adding tone to the stock. Pacific is also in evidence, but its color is against it and it lags. Sunshine and Willowbrook are the varieties that command the top figure, large yellow flowers seeming to be in best demand. A very good flower can be had for $2.00 a dozen and they have to be very select to get the top.

The supply of violets has largely increased and prices have weakened. Roman hyacinths are a new item in the list. Cosmos have appeared.

Prepare advs. NOW

FOR OUR SPECIAL

Thanksgiving Number

To be issued

November 13.

SMILAX, strong 2-inch, $1.25 per 100.
GERANIUMS, mixed, $1.25 per 100.
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THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
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Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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Poehlmann Bros. Co.
Wholesale Growers of and Dealers in **Cut Flowers.**
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of **CUT FLOWERS**

WIETOR BROS.
Wholesale Growers of.. **Cut Flowers**
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given
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WHOLESALE GROWER OF Cut Flowers,
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GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598.
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WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

Lily of the Valley
Fancy cut Valley in large quantities at Chicago market price. Fine pips from cold storage $1.50 per 100; $13.00 per 1000.
H. N. BRUNS, 1409-1411 West Madison Street, CHICAGO.
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FRANK GARLAND,
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Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
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BENTHEY & CO.
35 Randolph Street, CHICAGO.
F. F. BENTHEY, Manager. Wholesale and Commission **FLORISTS**
Consignments Solicited.
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McKELLAR & WINTERSON

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WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

Let us figure with you for fancy Ferns the year round. Everything in season.
26 MIAMI AVENUE, Detroit, Mich.

Headquarters for Michigan's Famous MT. CLEMEN'S VIOLETS.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, October 15.

	Per doz.
Beauties, Specials	$3.00 to $4.00
" Extra	2.50 to 3.00
" No. 1	1.50 to 2.00
" Shorts	1.00 to 1.50
	Per 100
Brides and Maids, Specials	$4.00 to $6.00
" " Extra	3.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.50 to 2.00
Carnots	3.00 to 5.00
Golden Gates	2.00 to 4.00
Kaiserin	2.00 to 4.00
Liberty	4.00 to 6.00
Meteor	2.00 to 5.00
Perle	2.00 to 4.00
Carnations, Common	1.50 to 2.00
" Selects	2.00 to 2.50
" Fancies	3.00 to 6.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" " Sprays	1.50
" Sprengeri, Sprays	1.50
Chrysanthemums	10.00 to 25.00
Gladiolus	3.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	4.00 to 5.00
Violets	.35 to .40
Galax	.15
Common Ferns	.15

Milwaukee, October 15.

	Per 100
Beauties, Specials	$18.00 to $20.00
" Extra	12.50 to 15.00
" No. 1	8.00 to 10.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	6.00
" " Extra	5.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gates	4.00 to 6.00
Kaiserins	4.00 to 6.00
Liberty	4.00 to 8.00
Meteors	4.00 to 6.00
Perles	3.00 to 5.00
Carnations, Commons	1.50 to 2.00
" Fancies	3.00
Asparagus plumosus, Strings	60.00
" Sprays	2.00 to 6.00
" Sprengeri, Sprays	2.00 to 6.00
Daisies	.50
Chrysanthemums, Ordinary	8.00 to 10.00
" Fancy	12.50 to 20.00
Valley	4.00
Violets, ordiuary	1.00
Smilax	15.00
Galax	.20
Common ferns	.20

HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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H.G.Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, ST. LOUIS, MO.

Long Distance Telephone Main 2018 M.

CONSIGNMENTS SOLICITED

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The Finest Cut VALLEY

No better to be had, at $5.00 per 100.

Medium grades also.

AUGUST JURGENS,

134 to 144 Herndon St., CHICAGO.

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Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

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Greenhouses: Pleasant Hill, Mo.

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The Cincinnati Cut Flower Co.,

437-439 Main St., CINCINNATI, O. Wholesale Florists.

Consignments Solicited.
Special Attention given to Shipping Orders.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Detroit, October 15.

	Per 100
Beauties, Specials	$35.00
" Extra	25.00
" No. 1	20.00
" Shorts	8.00
Brides and Maids, Specials	6.00 to 8.00
" " Extra	5.00 to 6.00
" " No. 1	4.00
" " No. 2	3.00
Golden Gates	3.00 to 6.00
Kaiserins	3.00 to 8.00
Meteors	3.00 to 6.00
Perles	3.00 to 6.00
Carnations, Commons	1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 4.00
Adiantum cuneatum	1.00 to 1.50
Asparagus plumosus, Strings	50.00 to 75.00
Asparagus Sprengeri, Sprays	2.00 to 5.00
Dahlias	3.00 to 4.00
Chrysanthemums, Ordinary	8.00 to 10.00
" Fancy	12.50 to 20.00
Harrisii lilies	12.50 to 18.00
Valley	4.00 to 5.00
Smilax	12.50 to 15.00
Violets, Double	.75 to 1.00

Galax, per 1000, $1.00 to $1.50.
Common ferns, per 1000, $1.00.

There was a great call for American Beauty last week, thousands being used by the stores. Roses are improving, both in stem and color, and very little mildew noticeable. Mums are coming in more freely and are a great help in easing up on roses and carnations. Carnations are still short in supply and shipments are cleaned up as soon as they appear on the counter. Violets are good and prices are most satisfactory, but there are not enough good ones to go around. With colder weather and a little more sunshine they will improve wonderfully. Dilger.

Baltimore, October 15.

	Per 100
Beauties, No. 1	$10.00 to $16.00
" Shorts	5.00 to 8.00
Brides and Maids	3.00 to 5.00
Golden Gates	3.00 to 5.00
Kaiserins	3.00 to 5.00
Liberty	3.00 to 5.00
Meteors	3.00 to 5.00
Perles	2.00 to 4.00
Carnations, Commons	.60 to 1.00
" Selects	1.50
Chrysanthemums, Ordinary	3.00 to 6.00
" Fancy	8.00 to 12.00
Adiantum cuneatum	1.00
Asparagus plumosus, strings	25.00 to 75.00
Callas	8.00 to 10.00
Smilax	15.00 to 20.00
Valley	4.00 to 5.00
Violets, Ordinary	.30 to .40
Callas	8.00 to 10.00

FOR SOUTHERN WILD SMILAX

(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers
Caldwell The Woodsman Co., Evergreen, Ala.
or their agents: L. J. Kreshover, New York; J. B. Deamud, Chicago; H. Bayersdorfer & Co., Philadelphia; W. F. Kasting, Buffalo; J. M. McCullough's Sons, Cincinnati, Ohio; Vaul Seed Co., Indianapolis.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, in variety, 2¼-in., $2.50 100.
R. Vincent, Jr., & Son, White Marsh, Md.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALYSSUM.

Giant and dwarf dbl. alyssum, 2¼-in., $2.00 100. R. Vincent, Jr., & Son, White Marsh, Md.

Double sweet alyssum, strong, bushy plants, 3-in., $4.00 100. N. Smith & Son, Adrian, Mich.

AMPELOPSIS.

Ampelopsis Veitchii, 3 years, open ground, heavy, fine, twice transplanted, $7.00 per 100. Packed free for cash with order.
E. Ferrand & Sons, Detroit, Mich.

ARAUCARIAS.

We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Arancaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

Araucaria excelsa, A. excelsa glauca and A. robusta compacta in all sizes. Fine plants, low price. Bobbink & Atkins, Rutherford, N. J.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
Julius Roehrs, Rutherford, N. J.

ASPARAGUS.

Aspargus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100.
NATHAN SMITH & SON, Adrian, Mich.

ASPARAGUS SPRENGERI, strong plants from flats, $1.00 per 100, $7.50 per 1,000, $25.00 for 5,000. Cash.
PHILIPPI BROS., Citrus Nurseries, Rocklin, Placer Co., Cal.

Asparagus sprengeri is our specialty; 2-in., $2.00; 2¼-in., $2.50; 2½-in., $3.00; 3-in., $4.00; 4-in., $8.00 and $10.00 per 100. Special rates on large lots. J. H. Bornhoeft, Tipton, Ind.

A. plumosus nanus, 3½-in., $5.00 100; $40.00 1000. A. Sprengeri, from flats, $1.00 100; $7.50 1000; $25.00 for 5000.
California Carnation Co., Loomis, Cal.

ASPARAGUS PLUMOSUS, 2¼-in., strong, $3.00 100. A. Sprengeri, 2¼-in., $2.00 100. Cash. JOS. H. CUNNINGHAM, Delaware, O.

Asparagus plumosus out of 3-in. pots, ready for 4-in., strong and healthy, $6.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Asparagus Sprengeri, nice 2½-in. stock, $2.50 per 100, $20.00 per 1000.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Asparagus plumosus, 3-in., 5c; 5-in., 25c. Fine plants in fine condition.
Crown Point Floral Co., Crown Point, Ind.

Field-grown Asparagus Sprengeri, at $3.00, $5.00 and $7.00 per 100.
C. WINTERICH, Defiance, Ohio.

Asparagus, Sprengeri, fine 2½-in., $2.00 100; 2-in., $1.25 100.
Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

A. plumosus, strong 3-in., ready to shift, $5.00 100. Van Wert Greenhouses, Van Wert, O.

A. Sprengeri, 2½-in., ready for 3½-in., $2.50 100. Cash. Estate of D. Fisher, Montvale, Mass.

Asparagus plumosus, strong and bushy, 3-in., $5.00 100. W. C. Beckert, Allegheny, Pa.

A. Sprengeri, 1,000 3-in., $2.00 100; $18.00 1,000. Gulf Coast Nurseries, Dickinson, Tex.

2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus plumosus, 2-in., $3.00 100, $25.00 1000. Livingston Seed Co., Columbus, O.

Asparagus Sprengeri, 3-in., nice plants, $4.50 100. J. B. Heiss, Dayton, O.

Asparagus Sprengeri and plumosus. Write. Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, $2.00 100, $15.00 1000. W. Stuppe, Westbury Station, N. Y.

Asparagus Sprengeri, 4-in., $6.00 100. Cash. M. & S. L. Dysinger, Albion, Mich.

Asparagus plumosus, 4-in., $15.00 per 100. W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2¼-in., $1.50 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

AZALEAS.

DREER'S AZALEAS—Finest varieties, best values. For sizes, prices, etc., see displayed adv. in this issue.
H. A. DREER, Philadelphia, Pa.

Azalea indica; leading varieties, now ready.
F. W. O. Schmitz, Prince Bay, N. Y.

BAMBOOS.

Thirty-two distinct varieties of BAMBOOS, from 6-inch pots up to large specimens in tubs. 8 to 10 feet high. Prices reasonable. Beautiful ornamental stock. Write for prices to
J. H. TROY, New Rochelle, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

BAY TREES.

Box Trees. Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Mrs. Shepherd's TREE BEGONIA, assorted 2½-in. pots, strong, $2.00 doz., delivered. MAJORIE DAW, fine winter bloomer, 2½-in. pots, $1.60 doz., delivered. Other varieties in great variety. Send for catalogue and trade lists.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

Rex begonias, best named varieties, 2¼-in., $4 100. Begonias incarnata, the most useful begonia for winter-flowering, 3-in., $8 100.
N. SMITH & SON, Adrian, Mich.

BOUVARDIAS.

1000 pink and white bouvardia, $6.00 100. Leo. Niessen, 13th and Filbert sts., Philadelphia, Pa.

BULBS.

Send for our FALL BULB CATALOGUE and see the SPECIAL OFFERS we are making on TWO MILLION surplus bulbs, consisting of LILIUM HARRISII, LILIUM LONGIFLORUM, HYACINTHS, French and Dutch; TULIPS, NARCISSUS, CALLAS, FREESIAS, etc.
CLUCAS & BODDINGTON CO., S12-S14 Greenwich St., New York.

	100.	1,000.
White Roman hyacinths, 12x15 cms., none better	$2.25	$22.00
True paper-white grand. narcissus, 13 cms. and over, fine bulbs	1.00	8.50
Single named Dutch hyacinths, separate colors for pot forcing	3.25	30.00
Single Dutch hyacinths, separate colors, splendid bulbs for forcing or bedding	2.20	22.00

SEND FOR OUR BULB LIST.
JOHNSON & STOKES.
217-219 Market St., Philadelphia, Pa.

	100.	1,000.
Roman Hyacinths, 12 to 15 cms.	$2.00	$25.00
Narcissus P. W. Grand.	1.00	9.00
Narcissus P. W. Grand, Giants.	1.25	11.00
Dutch Hyacinths, Miniature, best named sorts	2.25	20.00

Tulips in variety. Send for list.
A. C. BROWN, Springfield, Ill.

Double Von Sion narcissus. I have a few of these bulbs left. They are fine bulbs, many double noses. Will close them out at $10.00 per 1,000.
W. F. Massey, Raleigh, N. C.

SPECIAL OFFERS to make room for incoming stock. Quality of stock the best. Prices small. Bulbs large. 25 at 100 rates; 200 at 1,000 rates.

HYACINTHS.

	100.	1,000.
French Roman White, 11x13	$2.90	$18.00
French Roman White, 12x15	2.25	22.00
Dutch Hyacinths in white, blue, rose and red separate, 15 centim. up	2.50	24.00
White Italian, reds Rioned	2.25	21.50

NARCISSUS.

	100.	1,000.
Paper White true grandiflora	$1.00	$ 8.50
Mammoth, 13 centim. up	.90	8.00
Trumpet Major, French, forces earliest	1.00	9.00
Von Sion, Extra Mammoth, double nosed	2.00	18.00
Von Sion, fine large top bulbs, many double nosed	1.75	15.00

OUR $10.00 COLLECTION.
We will send for $10.00 the following:
100 French White Roman Hyacinths, 12x15 centimeters.
100 Dutch Hyacinths, separate colors, white, blue, rose and red; large fine, bulbs, 15 centimeters up.
100 Paper White Grandiflora.
100 Von Sion, double flowered or 50 Japan Lil. Longiflorum, 7x9.
100 Tulips—La Reine.
100 Tulips—Belle Alliance.
100 Tulips—Keizerskroon.
100 Tulips—Yellow Prince.
Or half of above quantity for $5.00.

TULIPS.
A few Leaders—Florists' Favorites.

	100.	1,000.
La Belle Alliance	$1.25	$11.50
La Reine	.75	6.50
Keizerskroon	1.00	9.00
Yellow Prince	.90	8.50

CALLA ETHIOPICA.
Magnificent Bulbs. Large, strong, center shoots.

	12.	100.	1,000.
4x5 inch circumference	$0.60	$4.50	$40.00
4x6 inch circumference	.75	5.25	50.00
5x7 inch circumference	1.00	7.00	65.00
Monster bulbs	1.50	10.00	

LILIUM HARRISII.
We have a late shipment of a few thousand 7x9 bulbs in finest condition, which we are trying to sell off at growers' price. Sure to make money. Lil. Harrisii, 7x9, 100, $8.00. Case of 200, $15.00; 1,000, $70.00.

DO NOT MISS THIS CHANCE.
Lil. Candidum. Want to clear out a fine lot of strong, sound bulbs, 18 centi. up, at 100, $4.00; 1,000, $35.00.
Lil. Longiflorum, Japan grown. Same reliable stock we have given florists for 20 years.

	12.	100.	1,000.
5x 7 inch circumference	$0.30	$1.80	$17.50
6x 8 inch circumference	.40	2.50	23.00
7x 9 inch circumference	.50	3.75	35.00
9x10 inch circumference	.85	6.00	57.50
10x11 inch circumference	1.00	9.00	80.00

Longiflorum Multiflorum, 2 weeks earlier—20 to 25 per cent higher than Longiflorum.
H. H. BERGER & CO., 47 Barclay St., New York.

Lilium Harrisii, 7 to 9, $80.00 1,000; Roman hyacinths, 12 to 15 cms., $22.00 1,000. Narcissus paper white grand. 13 cms. and up, mammoth bulbs, $8.00 1,000. The above have just arrived and prices are for immediate orders. All Dutch and Japan bulbs now on hand.
F. W. O. SCHMITZ, Prince Bay, N. Y.

FREESIAS. SPLENDID QUALITY. Per 1000.

¼ to ⅜ inches in diameter	$2.50
⅜ to ½ inches in diameter	3.50
½ inch and up in diameter	5.00

Fresh stock, just arrived from our own farms in California.
JACKSON & PERKINS CO., Newark, New York.

HARRISII LILIES. Our Harrisii for the past four years have averaged 90 per cent good bulbs. Our prices are low. A few more cases of 7-9 left; every bulb guaranteed sound.
W. W. RAWSON & CO., Seedsmen, 12 and 13 Faneuil Hall Square, Boston, Mass.

We have unexpectedly received a large consignment of LILIUM HARRISII; send us the number you require and we will make you a SPECIAL PRICE.
J. M. THORBURN & CO., 36 Cortlandt St., New York.

WHY PAY MORE? See my special of bulbs, for SPOT CASH, in this issue. Send for my catalogue.
C. H. JOOSTEN, 178 Greenwich St., N. Y.

FALL BULBS. Complete stock now ready. Bulb catalogue on application.
W. W. BARNARD & CO., 161 Kinzie St., Chicago.

NARCISSUS VON SION, the double-nosed variety, mammoth bulbs, $10.00 1000. Paper white grandiflora, $8.00 1000. A few more cases of HARRISII, 7 to 9, 200 bulbs to case, $15.00.
WM. ELLIOTT & SONS, New York City.

Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.
BOBBINK & ATKINS, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
JAMES VICK'S SONS, Rochester, N. Y.

1000 double Von Sion bulbs, 1st quality, selected double-nosed, $15.00. Write at once to
Daniel E. Gorman, Williamsport, Pa.

Ex. Pearl tuberose and Caladium esc. bulbs.
Jno. F. Croom & Bro., Magnolia, N. C.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla bulbs, 1st size, $4.00 100.
California Carnation Co., Loomis, Cal.

CALLAS.

Calla lilies, 18 inches high, 5 and 6-in. pots.
Biddisoa Bros., Raspburg, Md.

CANNAS.

Strong field-grown clumps of Duke of Marlborough, Florence Vaughan, Pres. Cleveland, Henderson, A. Bouvier, Robt. Christie, Queen Charlotte, Sophie Buchner, Austria, $15.00 100.
Egandale, Antoine Crozy, Treasure, Pres. Carnot, Chicago, Beaute Poitevine, Martha Washington, $25.00 100. Save express charges by ordering at once by freight.
STORRS & HARRISON CO., Painesville, O.

Cannas, fall delivery. Italia, Austria, A. Bouvier, Alsace, Burbank, $1.50 100; $12.00 1,000. Sample bulbs, prepaid, 25c. Write us.
MANGELSDORF BROS CO., Atchison, Kas.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

CAREX.

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

SURPLUS CARNATIONS.

	Per 100.
100 Alba, 2nd size	$ 7.00
300 Dorothy Whitney, 1st size	7.00
400 Stella, 1st size	10.00
300 Apollo, 2nd size	7.00
50 Viola Allen, 1st size	10.00
200 Gaiety, 1st size	8.00
1000 Gaiety, 2nd size	5.00
200 Norway, 1st size	3.00
100 Norway, 2nd size	2.00
300 America, 2nd size	2.00
100 Hoosier Maid, 2nd size	2.00
500 Estelle, 2nd size	4.00
2000 Roosevelt, extra fine, 2nd size	4.00
75 Mrs. Potter Palmer, 2nd size	7.00
50 Prosperity, 2nd size	4.00

E. G. HILL CO., Richmond, Ind.

FIELD-GROWN CARNATIONS.

	1st size.		2d size.	
2000 Norway	$8.00	100	$6.00	100
1000 Flora Hill	6.00	100	5.00	100
1500 Mermaid	6.00	100	5.00	100
500 Egypt	5.00	100	4.00	100
500 Maceo	5.00	100	4.00	100
300 Gov. Roosevelt			5.00	100
200 Lorna			6.00	100
300 Queen Louise			6.00	100

W. E. HALL, Clyde, Ohio.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1,000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Field-grown plants.	100.	1,000.
Norway, extra fine	$7.00	$60.00
Genevieve Lord	6.00	50.00
Mermaid	5.00	
Beau Ideal	5.00	
Admiral Cervera	5.00	

25 plants of one variety at 100 rate; 500 at 1,000 rate.
H. WEBER & SONS, Oakland, Md.

FIELD-GROWN CARNATIONS, strong, healthy plants. Per 100:

	No. 1	No. 2
1000 Russell	$5.00	$3.00
800 Gomez	4.00	
200 America	4.00	

Cash with order from unknown parties. Packed to carry safely by express.
CHAS. BLACK, Hightstown, N. J.

FIELD-GROWN CARNATION PLANTS.
Prosperity, Marquis, Evanston and Joost at $4.00 per 100; $35.00 per 1000.
GEO. REINBERG, 51 Wabash Ave., Chicago.

MURPHY'S WHITE. A commercial white carnation; vigorous and healthy grower; early, free and continuous bloomer; stem and calyx its strong points. Will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1000, $45.00 5000.
I am headquarters for Estelle cuttings. Price: $4.00 100, $30.00 1000.
WM. MURPHY, Station F, Cincinnati, O.

FIELD-GROWN CARNATIONS.

	100.	1000.
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00
Marquis	4.00	35.00
Guardian Angel	4.00	35.00
Melba	4.00	35.00
White Cloud	5.00	

P. REINBERG, 51 Wabash Ave., Chicago.

EXTRA FINE, FIELD-GROWN PLANTS.

	100		100
Prosperity	$8.00	Wm. Scott	$5.00
Mrs. Joost	6.00	Hill	5.00
E. Crocker	5.00	Cartledge	4.00
300 Maceo	7.00	McGowan	4.00
1000 Fisher	4.00	1500 Norway	7.00

LEO NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$7.00	$60.00	Lord	$5.00	$40.00
Marquis	6.00	50.00	Melba	5.00	40.00
Scott	4.00	30.00	M'Richm'd	5.00	40.00
McGowan	4.00	35.00			

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

FIELD GROWN CARNATIONS.

3000 Daybreak.	450 Scott.
2000 Marquis.	500 Lord.
2500 Crocker.	500 Portia.

1600 dark pink (a sport from Scott).
Fine strong plants, $40.00 per 1000.
W. F. KASTING, Buffalo, N. Y.

REDUCED PRICES—Good plants, $3.75 100; $35.00 1,000.

300 W. Scott.	1000 Crocker.
1000 Joost.	150 John Young.
	150 Mrs. J. Dean.

300 Flora Hill, small, $2.25 100. Cash with order, please.
JOHN CURWEN, Glen Head, L. I., N. Y.

Carnations, strong, healthy plants grown on high ground.

	100.		100.
165 Prosperity	$9.00	200 Marquis	$7.00
1200 Glory	7.00	390 Joost	$5 & 7.00
2000 Triumph	5.00	120 Lord	5.00

W. J. & M. S. VESEY, Fort Wayne, Ind.

Healthy, field-grown carnations.

	100.	1000.
Joost	$3.00	$25.00
Scott	3.00	25.00
Hill, medium size	3.50	30.00

250 at 1000 rate. Cash or C. O. D.
WM. FLUEGGE, 2791 N. Leavitt St., Chicago.

FIELD-GROWN CARNATIONS.
$4.00 per 100. $35.00 per 1000.

4000 Lord	2000 Norway,
2000 Egypt,	200 Triumph,
	250 Peru.

GRAND RAPIDS VIOLET CO., Grand Rapids, Mich.

LILLIAN POND, the largest and best white—it's a money-maker for all of you. Delivery commences Jan. 1, 1903. Prices: 12 $1.50, 25 $3.00, 50 $5.00, 100 $10.00, 250 $23.00, 500 $37.50, 1000 $75.00.
S. J. REUTER, Westerly, R. I.

Surplus stock of field-grown carnations—150 The Marquis, 200 Gen. Gomez, 200 Ethel Crocker, 200 Daybreak, 400 Frances Joost, 100 White Cloud, 100 Bon Ton, $5.00 per 100. Cash with order. Chas. H. Green, Spencer, Mass.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail, 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Healthy, strong, field-grown carnations.

280 Bon Homme Richard	$4.00 100
135 White Cloud	4.00 100
50 Bradt	4.00 100

JOSEPH LABO, Joliet, Ill.

GOODENOUGH, the most profitable white, $7.00 100. Frances Joost, Maceo and Scott, $5.00 100. All strong, field-grown plants. Write for prices on large lots.
S. LITTLEFIELD, No. Abington, Mass.

FIELD CARNATIONS. Vigorous, healthy, large. Norway, Marquis, Glacier, Joost, Mary Wood, Nydia, Crocker, Scott, for cash, to close out, $4.00 100, $35.00 1,000.
A. C. BROWN, Springfield, Ill.

Field-grown carnations. Order at once while stock is in fine condition. Russell, Avondale, Joost, Peru, Prosperity, $5.00 100; $40.00 1,000. Cash.
S. ALFRED BAUR, Erie, Pa.

1,500 each of Scott and Cartledge, $3.00 per 100. Guaranteed first class. Cash with order. Howard P. Kiefhaber, Easton, Pa.

Carnations—Crane, Chapman, Hill, White Cloud, etc. Write for prices and sizes.
Crabb & Hunter, Grand Rapids, Mich.

Strong, healthy, field plants grown on high land. McGowan 3c, Crane, Crocker, Joost, Portia, Scott, Eldorado, Daybreak and Victor, 4c; Norway, 5c. J. J. Styer, Concordville, Pa.

5,000 carnations. Extra strong plants from field. Maceo, Gomez, Melba and America, $5.00 per 100, f. o. b. Louis Couche, 72nd and Haverford Sts., Philadelphia, Pa.

50,000 CARNATION PLANTS, extra fine stock. Write for prices. If you have any stock to exchange write at once.
Union St. Greenhouse Co., Geneva, N. Y.

Strong field-grown carnation plants. Per 100: 600 MARQUIS, $5.00; 800 CROCKER, $4.00; 200 PROSPERITY, $7.00.
SCHLURAFF FLORAL CO., Erie, Pa.

Field-grown carnations. Joost, Roosevelt, Crane, Marquis, Melba, Crocker and Mermaid, strong plants, $4.00 100. Cash.
JOSEPH HEINL, Jacksonville, Ill.

Field-grown carnation plants. 200 McGowen, 50 Daybreak, 100 Crane, $3.00 100. 1000 Crocker, $4.00 100; $30.00 1000.
Wagner Park Conservatories, Sidney, Ohio.

Carnations, large, field-grown plants; no rot. 10,000 Wm. Scott and 2,000 Lizzie McGowan, $30.00 1000.
CHAS. HUNT, Box 258, Port Richmond, N. Y.

Daybreaks, extra fine, bushy plants, $5.00 per 100, $40.00 per 1000. Cash.
W. G. Kroeber, 35 Tremont St., New Bedford, Mass.

A carnation BARGAIN. Crocker, Scott, Daybreak, Prosperity, $3.00 100, $25.00 1000. First-class stock. S. T. Danley, Macomb, Ill.

SPECIAL PRICES in my clearing sale of high grade Joost. Write for them.
Otto Bourdy, Lowell, Mass.

Field-grown carnations. Strong, healthy plants of Marquis and Norway, $4.00 100.
A. C. CANFIELD, Springfield, Ill.

Strong field-grown Marquis and Scott, 12-15 in. across, $4.50 100.
W. H. GULLETT & SONS, Lincoln, Ill.

4000 extra fine, field-grown MARQUIS, $4.00 per 100.
J. L. DILLON, Bloomsburg, Pa.

Strong field-grown Joost, $3.00 100, $25.00 1000. Cash. Dana & Son, Westfield, N. Y.

Carnations Crane, Avondale, Guardian Angel, 4c. Cash. J. J. Lampert, Xenia, Ohio.

5,000 McGowan at $25.00 per 1000.
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POT-GROWN CHRYSANTHEMUMS, 5 and 6-in., all the best varieties; first-class, bushy plants, none better, 15 and 18c. Will exchange. Daniel E. Gorman, Williamsport, Pa.

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Cinerarias, finest large-flowering dwarf, mixed colors, ready for 3-in., $2.00 100. Cash.
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4000 Deutzia Lemoinei, 1 yr., 2 to 4 branches, 12 to 16 inches, $2.00 100; $15.00 1000. 500 Spirea Anthony Waterer, 1 yr., 8 to 10 inches, bushy, $2.50 100. Cash with order.
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We offer to the trade a large and varied collection of the best HARDY PERENNIAL PLANTS, and we also make a specialty of our best native shrubs, both collected and nursery-grown. Our trade list for 1902-3 is now ready and will be mailed on application.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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5000 hollyhocks from seed, double white, yellow, pink and red; fine plants, ready now, $1.00 100. GEO. ENGEL, Xenia, Ohio.

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Impatiens Sultani, 2, 3 and 4-in. pots, 3, 5 and 8c each. J. H. Bornhoeft, Tipton, Ind.

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In. pots.	In. high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
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Pansy, MME. PERRET, the finest strain in the market, 50c 100; $3.50 1000; 3000 for $10.00.
J. C. SCHMIDT, Bristol, Pa.

Five-leafed pansy plants, 50 cents per 100, $4.00 1000. Cash.
Hull Floral Co., Morris, Ill.

Giant, fine as any strain, 50c 100, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

Pansies, finest giants, $3.50 1,000. Cash.
John F. Rupp, Shiremanstown, Pa.

PEPPERS.

Christmas peppers, strong, from open ground, 6-15c. W. Stuppe, Westbury Station, N. Y.

PETUNIAS.

Petunias. Dreer's and Henderson's latest sets, strong rooted cuttings, $1.25 100.
Buckley Plant Co., Springfield, Ill.

PHRYNIUMS.

Phrynium variegata, 4-in., $15.00 100. Cash.
Livingston Seed Co., Columbus, O.

POINSETTIAS.

Poinsettias, fine stock, 4 and 5-inch pots, 10 and 12 cts.; larger plants, 15 cts. Cash with order, please. R. G. Hanford, Norwalk, Conn.

PRIMULAS.

Primroses—Chinese, 3-in., $3.00; 3¼-in., $5.00 100. Obconica, 2¼-in., $2.00 100 (300 for $5.00); 3-in., $3.00 100 (200 for $5.00); 3½-in., ready for 5-in., $5.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primula obconica grandiflora. 6000, in 8 separate colors and varieties, fine 2½-in., $2.00 100. Primula Forbesii, 2c. Cash or C. O. D.
W. J. Engle, R. D. No. 8, Dayton, O.

Improved Chinese primroses, large-flowering, fringed varieties, single and double, ready for 3-in., $2.00 100. Cash.
John F. Rupp, Shiremanstown, Pa.

Primroses, from finest imported seed, white, light pink, scarlet and blue, 3-in., $5.00 100.
N. Smith & Son, Adrian, Mich.

Chinese primroses, ready for 3½-in., $1.50 100. Cash. J. W. MILLER, Hatton, Pa.

Stock of primroses, Primula obconica, ready Oct. 15. N. O. Caswell, Delavan, Ill.

Chinese primroses, assorted colors, $2.00 100. Cash. Livingston Seed Co., Columbus, O.

Chinese, single mixed, 2¼-in., $1.50 100. Cash. Jos. H. Cunningham, Delaware, O.

Chinese primroses, 2-in., nice, $2.00 100. Cash. M. & S. L. Dysinger, Albion, Mich.

Baby Primrose, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

PRIMROSES, 4-in., $8.00 per 100.
C. WINTERICH, Defiance, Ohio.

PRIVET.

Choice California Privet, 2½ to 3 feet, $26.00 per 1000; 2 to 2½ feet, $23.00 per 1000; 20 to 24 inches, $18.00 per 1000; 12 to 20 inches, $10.00 per 1000; 1 foot and under, $6.50 per 1000. Also 6 to 8 feet, 25 for $5.00. F. O. B. and packing free for cash with order.
Atlantic Coast Nurseries, Office 606 Fourth Ave., Asbury Park, New Jersey.

ROSES.

SPECIAL OFFER, for October delivery, of American roses on own roots. Quantity limited. Two-year field-grown Magna Charta, Coq. des Alpes, Perle des Blanches, $12.00 100; La France, $15.00 100. Catalogue on application.
C. H. JOOSTEN, 178 Chambers St., New York.

Jacqueminot, Coq. des Blanches, La Reine, Queen of Prairie, Crimson Rambler, C. Soupert, etc., 2-yr. field-grown, or on own roots, 10c; 2d size, 6c. C. Soupert, 5-in. pot plants, clean foliage, full of bud and bloom, 18c.
W. H. Salter, Rochester, N. Y.

10,000 WHITE COCHET roses, selected, $6.00 100, $55.00 1,000; ordinary, $5.00 100, $40.00 1,000. All strong, 2 and 3-yr.-old plants.
H. F. MICHELL,
1018 Market St., Philadelphia, Pa.

Brides, Meteors and Golden Gates, strong 3-in., $4.00 100, $30.00 1,000; 2-in., $2.00 100, $20.00 1,000. Fine healthy stock.
W. H. GULLETT & SONS, Lincoln, Ill.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

ROSES—Continued.

Roses. 225 3-in. Brides, 225 3½-in. Maids and 200 3-in. Maids, all fine plants, the lot at $5.00 100.
W. F. KASTING, Buffalo, N. Y.

Brides and Maids, 3-in., strong, $3.00 per 100. Cash. W. W. Stertzing, Maplewood, St. Louis, Mo.

200 Brides and Maids, strong, healthy 4-in. stock, $4.00 100.
Chas. Frueh & Sons, Saginaw, Mich.

500 extra strong Golden Gates, 4-in., $6.00 per 100.
CHICAGO CARNATION CO., Joliet, Ill.

3000 Crimson Ramblers, $9.00 to $12.00 per 100. Chas. Lenker, Freeport, L. I., N. Y.

Get list before buying. Stock fine, prices right. C. M. Niuffer, Springfield, O.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 18 to 24-in. high, 6-in. pots, $1.00 and $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

200 Ficus elastica, 20 to 24 inches high, fine plants, 6-in. pots, $5.00 per doz. Cash.
F. Walker & Co., Louisville, Ky.

Ficus are all sold out from now until May, 1903; for later delivery speak quick.
A. C. OELSCHIG, Savannah, Ga.

Ficus, well-established, 30c, 40c and 50c; extra good value.
JOHN SCOTT, Brooklyn, N. Y.

SALVIAS.

Salvia Silver Spot, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, St. Louis and Bonfire, 75c 100.
Buckley Plant Co., Springfield, Ill.

SEEDS.

Johnson & Stokes' KINGLY COLLECTION of pansy seed comprises all the best sorts, which makes it the best strain offered; 1,000 seeds, 30c; 2,000 seeds, 50c; 5,000 seeds, $1.00; oz., $5.00. Send for our new bulb and flower seed list.
Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Petunia seed. GIANTS OF CALIFORNIA, mixed, 1000 seeds, 40c; 10,000 seeds, $3.50. Double fringed, mixed, 1000 seeds. 70c; 10,000 seeds, $7.00. SHASTA DAISY SEED, 100 seeds, 25c; 1000 seeds, $2.00.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

New crop of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 oz. A. Spreogeri, $1.50 1000. Giant pansy, mixed, $1.00 oz., $10.00 lb.
California Carnation Co., Loomis, Cal.

The famous JENNINGS' strain of pansy seed, $1.00 pkt., $5.00 oz. Cash.
E. B. Jennings, Box 254, Southport, Conn.

Aster seed, Semple's white and mixed. Send for sample.
Michigan Seed Co., South Haven, Mich.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

PANSY SEED. Genuine Mme. Perret and leading kinds. BEAULIEU, Woodhaven, N. Y.

Pansy seed, Ne plus ultra strain, $4.00 oz. Cash. Jos. H. Cunningham, Delaware, Ohio.

Zirngiebel's GIANT pansy seed, trade pkt. $1.00. Denys Zirngiebel, Needham, Mass.

SMILAX.

About 20,000 good healthy smilax plants must be sold at once to make room. While stock lasts prices are reduced to $6.00 1000, 80c 100 for 2-in.; $15.00 1000, $2.00 100 for 3-in. This is good straight stock and will give satisfaction. R. Kilbourn, Clinton, N. Y.

SMILAX SPECIAL. 2000 No. 1 smilax at $10.00 1000 if taken at once.
Geo. A. Kuhl, Pekin, Ill.

CUT SMILAX, 6 ft., 10c per string on board cars here. Cash with order.
CHAS. POMMERT, Amelia, Ohio.

Smilax, 2¼-in., $1.00 100; $9.00 1,000. Bargain. W. Stuppe, Westbury Station, N. Y.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C. Betscher, Canal Dover, O.

Smilax, extra strong 2¼-in., $1.00 100, $8.00 1000. Buckley Plant Co., Springfield, Ill.

Fine, strong smilax, worth planting, $1.25 per 100. Otto Hansen, Mont Clare, Ill.

Smilax, 2-in., 50c 100, $5.00 1000.
S. T. Danley, Macomb, Ill.

Smilax, strong, 3-in., $3.00 100.
EVENDEN BROS., Williamsport, Pa.

Smilax, good, 2½-in., $2.00 100.
Harry White, R. R. No. 6, Wabash, Ind.

Smilax, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

STOCKS.

White stocks, 2¼-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

SWAINSONAS.

Swainsona alba, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

UMBRELLA PLANTS.

Cyperus alternifolius, 6-in., fine plants, $2.50 doz., $20.00 100. H. H. Battles, Newtown Square, Del Co., Pa.

Cyperus alternifolius, outdoor-grown, 3-in., ready for a shift, $4.00 100. N. Smith & Son, Adrian, Mich.

Umbrella plants, from flats, $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Umbrella plants, 4-in., $4.00 100. Cash.
Livingston Seed Co., Columbus, O.

VEGETABLE PLANTS.

Curled winter lettuce plants, $1.00 1,000. Fine, strong plants. J. B. Rapp, Box 66, Owensville, Ohio.

VEGETABLE PLANTS. All vegetable plants in their season, by the 100, 1000 or 10,000.
R. VINCENT, JR. & SON, White Marsh, Md.

Parsley, large, field-grown clumps, 40c 100, $2.50 1000. J. C. Schmidt, Bristol, Pa.

Moss-curled parsley, fine roots, 50c 100.
GEO. ENGEL, Xenia, Ohio.

VERBENAS.

Our 20th century collection; 25 of the latest mammoth varieties; labeled; strong plants, 2¼-in., $1.50 100, $14.00 1000.
Buckley Plant Co., Springfield, Ill.

Lemon verbenas, 2¼-in., $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vincas. 8000 extra field-grown vines, $4.00 100; $7.00 200; $15.00 500. Rooted tips, better than rooted cuttings, 75c per 100; $5.00 per 1000. Cash or C. O. D. W. J. Engle, R. D. No. 8, Dayton, O.

Vinca var., strong field-grown, $3.00 100, $25.00 1,000; rooted tips, 50c 100, $4.50 1,000. Cash. Dann & Son, Westfield, N. Y.

Vincas. Large field-grown plants, nicely bunched, fine runners, $4.00 per 100.
E. E. SMITH & SONS, Penn's Grove, N. J.

Variegated vincas, large field-grown, $4.00 100. See COLEUS for another bargain.
J. A. WIBE, Downers Grove, Ill.

Vinca var. from field, strong plants, $5.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

VIOLETS.

Healthy field-grown Campbell violets now ready. No. 1, $3.00 per 100, $25.00 per 1000; No. 2, good plants, $1.50 per 100, $13.00 per 1000. Packed to carry safely. Cash with order from unknown parties.
CHAS. BLACK, Hightstown, N. J.

Princess of Wales and California violets, extra strong field-grown plants, $4.00 per 100; $35.00 per 1,000.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Violets. Fine, large field clumps of hardy English (dbl. dark blue), $1.75 per doz., $10.00 per 100. 2000 each of Marie Louise and Campbell, 3-in. pots, $3.00 per 100.
GEO. ENGEL, Xenia, Ohio.

Princess of Wales and Lady Campbell violet plants. Strong, field-grown clumps from sand struck cuttings, ready September 1. $5.00 per 100, $40.00 per 1000. Samples, 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Marie Louise, Campbell and Swanley White, 2½-in., strong, $3.00 100, $25.00 1000. California, field clumps, $3.00 100, $25.00 1000. All fit to bench now. Cash.
Benj. Connell, West Grove, Pa.

Imperial, M. Louise and Swanley White violets, 3-in., $3.75 100; $35.00 1,000. Campbell, $3.50 100, $30.00 1,000. Field-grown Imperial, $3.50 100. Crabb & Hunter, Grand Rapids, Mich.

Grand Rapids violets. Field-grown Lady Campbell and Swanley White at $4.00 100, $35.00 1000. Sample 10c. Cash with order.
ELI CROSS, Grand Rapids, Mich.

Princess of Wales violet plants. A few thousand at $7.00 per 100. These are fine plants and will plant about 15x15 inches.
WM. SIM, Cliftondale, Mass.

Marie Louise violets, in 3½ and 4-in. pots, $3.50 100. Vinca variegata, field-grown plants, ready for 4-in. pots, $4.00 100.
Russell Davis, Xenia, O.

Marie Louise violets, thrifty field-grown plants, now established in 4-in. pots, $1.25 doz., $8.00 100, $75.00 1,000.
H. A. DREER, Philadelphia, Pa.

Large field-grown clumps of Campbell, Imperial, Princess of Wales, California, $5.00 100, $45.00 1000. J. C. SCHMIDT, Bristol, Pa.

Farquhar violets, free from disease, 2½-in. pots, $3.00 per 100. Cash. Chas. H. Green, Spencer, Mass.

MARIE LOUISE violets, fine, healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Strong field-grown M. Louise, $5.00 100. Cash with order.
I. N. KRAMER & SON, Cedar Rapids, Iowa.

Fine, healthy violet plants from field, $4.00 100, $35.00 1000.
C. C. POLLWORTH CO., Milwaukee, Wis.

TO EXCHANGE.

To exchange or for sale. 100.
Latania Borbonica, 18-20, 4-in.....$15.00
Boston ferns, 4-in..... 12.00
Rubbers, 5 to 6 in., $3.50 and $4.50 per doz.
Cannas, 10 varieties, prices on application.
GEO. JUST, Jacksonville, Fla.

BABY GREENHOUSES.

Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express. 16 and 18 lbs.
SIEBRECHT & SON, New Rochelle, N. Y.

BIRD SEED.

Choice recleaned Canary, Rape, Henning's Mocking Bird Food, Song Restorer, Bird Tonic, Fish Food, Bird Fanciers' Supplies. Send for samples and price list
A. G. Henning & Co., 62 Cortlandt St., N. York.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns, $1.00 per 1000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

SEMINOLE SPECIALTIES—Prepared Palm and Cycas Leaves—Green Palm Leaves, Trunks and Crowns—Spanish Moss-Needle Pines—Fresh Cut Cycas Leaves.
SEMINOLE PALM CO., Haines City, Fla.

Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Millington, Mass.

Fancy and Dagger ferns, wild smilax, evergreens, mosses, holly, etc. Low prices. Garland Evergreen Co., Garland, Ala.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 West 28th St., New York.

Wild smilax, needle pines, magnolia leaves, etc. Orders filled promptly.
JOHN S. COLLINS, Geneva, Ala.

Fancy and Dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 6th Ave., New York.

For southern wild smilax, write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
McKELLAR & WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone Meal, best for roses and carnations, at $3.50 per 200 lb. bag, or $32.50 per ton.
ALBERT M. HERR, Lancaster, Pa.

FLORAL DESIGNS.

Wax Flowers and Wax Floral Designs.
J. Stern, 1928 Germantown Ave., Phila., Pa.

FLORISTS' LETTERS.

Krick's florists' letters, emblems, designs, etc. Give them a trial. Best on the market. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GREEN GALAX LEAVES, postage prepaid, 75c per 1000. H. H. Hill, Victoria, Macon Co., North Carolina.

GALAX LEAVES. Bronze, $1.25 1,000; green, $1.00 1,000.
A. J. Fellouris, 468 6th Ave., New York.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GLASS, ETC.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass.
WHEELER-STENZEL CO.,
30 Sudbury St., Boston, Mass.

Florists' Specialties in Glass, Paint and Putty. Instructive advertising free for the asking. Write JOHN LUCAS & CO., Philadelphia, Pa.

80 boxes, 18x20, double-strength A glass (new), $4.50 per box; all or part. Cash.
F. Walker & Co., Louisville, Ky.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

GOLD FISH.

Six beautiful goldfish, $1.00. Express prepaid in U. S.
DONKER, 148 Columbus Ave., New York.

HOSE.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

NIKOTEEN does not injure the most sensitive plants; indorsed by prominent florists; used for fumigating or spraying, indoors or out. Sold by seedsmen. Circular free.
SKABCURA DIP CO., Chicago.

Fostite, the standard remedy for mildew and black rot on roses, carnation rust, etc., $2.50 for 25-lb. box.
C. H. JOOSTEN, 178 Greenwich St., N. Y.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

Tobacco stems, fresh and strong, bale of 300 lbs., $1.50. W. C. Beckert, Allegheny, Pa.

PAINT AND PUTTY.

GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

BUSINESS BRINGERS—
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SPHAGNUM MOSS.

Sphagnum moss of first quality. Can ship at a moment's notice—2 bales, $1.50; 10-bale lots, $6.00. Send for sample bale.
Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

TIN FOIL.

American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

BALTIMORE.

Various Items.

August was a month of great dryness in this section, but since there has been a great precipitation, the total rainfall for September reaching nearly seven inches. Since October came in we have also had heavy rains and the water courses are full to their brims. There have been no general frosts, and outdoor vegetation continues fresh and green.

The trade in cut flowers is good. Carnations are coming in and are earlier and better flowers than ordinarily. A few violets, not of the highest grade, are coming to market. Roses are improving in quality and increasing in supply, while outside stuff, dahlias and cosmos excepted, are declining in quantity.

A good many fall weddings are taking place; the customary demand for funeral purposes never fails; social observances begin to influence the demand and a very fair all-round business is apparent.

The fuel question is uppermost in the minds of most of the members of the trade. The coal supply is utterly demoralized and few of our growers have their stock in. A number have purchased coal oil burners, of which several varieties are being pushed on this market, but their efficiency as applied to heating greenhouses remains to be demonstrated. Several growers have changed their boilers when those in use were not adapted to soft coal, but this last material is almost as difficult to secure in ample quantities as anthracite. R.

INDIANAPOLIS, IND.

At the meeting of the State Florists' Association, which was held on the 5th, it was decided to hold a free flower show. John Hartje, A. F. J. Baur and I. Berterman were appointed to arrange for the show. There will be no competition and no premiums, but the society always stands ready to pass upon and certificate anything new of real merit, and those have seedling mums or carnations will find it profitable to send some blooms to this show, which will be held on November 5. Address all packages to J. Hartje, Horticultural rooms, State House, Indianapolis, Ind., unless you intend to come yourself to set up your exhibit. All exhibits sent in care of the committee will be well taken care of and staged to the best advantage. At the last meeting Baur & Smith showed a vase full of their several fine seedlings which will no doubt be seen at some of the shows this winter.

Business has been very good of late and fair stock is finding ready sale at good figures, although we do not hear of many carnations being sold at 6 cents; 2 to 3 cents is the ruling figure around here. The quality is getting better all around. Mums are coming in in quantity now and find ready sale. The fall festival and horse show are calling for many flowers and this is proving a busy week for the florists. A. B.

KANSAS CITY, MO.

Uncle John Thorpe and his assistant, Mr. Lindsey, have arrived to remain until after the flower show, and they will devote their attention between now and the opening to completing the final details.

The press of Kansas City should come in for some credit, for the newspapers are giving elaborate accounts of what may be expected. It is in keeping with the Kansas City spirit that nothing but the best will do for Kansas City, and they are "boosting" the flower show.

The most of us growers were given a very bad half-hour Sunday morning in the shape of a hail storm, and while little damage was done a few extra gray hairs crept in while it lasted.

The first mums are making their appearance in quantity, and fair quality, but are not moving with desirable rapidity, and prices dropped very quickly from $3 to $1 per dozen.

Miss J. E. Murray has moved her store back to the Midland Hotel.

J. H. Vesey.

GRAND RAPIDS, MICH.

All have their carnations housed except the Grand Rapids Floral Co., which has not quite completed the rebuilding of a portion of its establishment.

Mulick Bros. are just getting through planting carnations.

Henry Smith says that a month's work with painters and decorators has put his store in first-class condition for business.

Mums are appearing in the store windows. In a few days they will be very plentiful. The principal variety is Kalb, the earliest and best white.

Carnations are scarce, although more plentiful than for the past two months, in which a perfect famine existed. In fact, an outside florist, on being told that his order could not be filled, replied: "It looks like the flower market is as bad as the coal market."

Roses are scarce and then plentiful by streaks. Local demand is good and shipping brisk.

Violets are blooming, and the flowers at this writing are of better quality than at this time last year.

Roses are $1 per dozen; American Beauties, $1.50 for shorts to $3 per dozen for longs. Carnations have already gone up 5 cents per dozen on common and 25 cents on fancy stock. Lilies are $2 per dozen; violets, 20 cents per dozen.

Recent visitors: Mrs. Cohn, of Manistee, Mich., and E. Ford, representing Siebrecht & Son, New Rochelle, N. Y.

G. F. C.

LONDON, ONT.

The weather has been mild but dull, with an abnormal amount of rain. October 9 was the first severe frost of the season. Prior to that all kinds of bedding plants continued their summer appearance. Notwithstanding that the weather has been mild there has been a shortage of all kinds of flowers, and the demand has far exceeded the supply. Roses are coming in a little more plentifully and of better quality. Carnations are still below the demand but the quality is daily improving, and with the relief brought by the daily increased supply of chrysanthemums it is thought that the quantity will soon be sufficient to go around.

Coal, the all absorbing topic, is about as scarce as the proverbial hens' teeth, and none of the craft have a supply worth mentioning. To some who burn hard coal it is a serious question, serious enough to all, for even those who burn slack cannot get their supply in. The price has advanced to, slack, $4 to $5 on cars; lump, $8 to $10; smokeless, $12, and a very little hard has been sold lately at $15, and considered a great favor to get it at that.

Messrs. Gammage & Sons report a large demand for general stock and an unprecedented retail demand for all kinds of bulbs, which they have gone into extensively.

Mr. William Gammage has recovered from his severe attack of bronchitis and is now able to give his whole attention to business.

The London Horticultural Society is making its fall delivery of bulbs, giving each member six hyacinth bulbs.

Lond.

DES MOINES, IA.

Trade is looking up a bit since the cooler weather set in and the number of weddings makes a brisk demand for roses and carnations, as mums have only just appeared, and they are small and not extra in quality.

There has been some enlarging of greenhouse room in the city this fall, W. L. Morris has built three houses and I. W. Lozier is building on his ten-acre tract east of the city. As I have not had time to call on him, I cannot say how many houses he is putting up. He is going to open a new store on the west side of the river in the very near future. This will give him two greenhouse plants and two stores.

Mr. Peter Lambert has moved into the new cottage built for the park keeper at Greenwood Park, and his son, John D., has taken the greenhouses and the old residence. Mr. John D. was married on October 1 to Miss Anna K. Kuhlman, of this city. "May their days glide smoothly on and trouble never assail them."

Fulmer has recently moved to Union Park, the house in which he lives being one of the early landmarks of the city. He has been busy enlarging the park greenhouse and in taking in his stock. The early frost of September spoiled some of the more tender plants.

We have heard of some of the craft who are already dropping their pennies into a paint keg in order to be able to take the trip to Milwaukee next August. Here's success to them.

J. T. D. F.

Buchanan, Mich.—O. S. E. Baldwin, the nurseryman, died Oct. 5.

Franciscea Calycina

IN EXTRA STRONG BUSHY PLANTS.

Per 100 .....150, 200 and 300 Marks.

BETTER AND PRETTIER THAN AZALEAS.

Sell it to your customers and make customers because it is always in bloom.

Citrus chinensis,

SPECIMEN PLANTS, thick with foliage, globular shaped, with plenty of fruit.

2 to 10 Marks each.

These plants are shipped most successfully in quantities to Sweden and Norway.

Address **E. F. ZIEGER,**

Hamburg--Eilbeck, Germany.

ESTABLISHED 1863.

Mention The Review when you write.

Fine Grafted. **ORANGES** Bearing Sizes.

12-inch, bushy, from 4-inch pots,	$20.00 per 100
15-18 " " " "	30.00 "
KIN KANS.	Per 100
10-12-inch, bushy, from 4-inch pots	$20.00
15-18 " " "	30.00
LEMONS.	Per 100
12-15-inch, bushy, from 4-inch pots	$20.00
18-24 " " "	30.00
ROSES.	Per 100
Climbing Clothilde Soupert, strong field-grown	$10.00
Crimson Rambler, strong, field-grown	7.00

CLEMATIS APIIFOLIA.

A fine variety. Somewhat similar to C. Paniculata, but blooms earlier and lasts longer. Strong plants from 3-inch pots, $8.00 per 100. (Not less than 40 of a class at 100 rate.)

CITRUS TRIFOLIATA.

(Best defensive hedge plant.)	Per 1000
Strong 2-year-old, field-grown	$15.00
Strong 3 " "	20.00

AMOOR RIVER PRIVET.

(Better than California Privet.)	Per 1000
18-24-inch, branched	$15 00
24-36 " "	20.00

(Not less than 400 of a class at these rates.

Rubbers, Kentias, Phoenix, Latanias, Pandanus, Ornamental Trees and Shrubs in large quantities. Write for catalogue.

P. J. BERCKMANS CO. (Inc.)

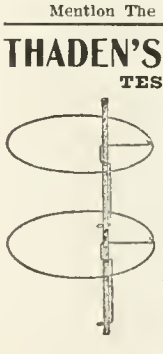
FRUITLAND NURSERIES. **AUGUSTA, GA.**

Established 1856.

Mention The Review when you write.

THADEN'S WIRE TENDRIL

TESTIMONIALS.



From A. Gude & Bro., Washington, D. C., April 11, 1902. "In reply to your inquiry of March 19 in reference to the Wire Tendril, we beg to say that we find them very satisfactory in every respect.

AWARDED

CERTIFICATE OF MERIT

at the

Asheville Convention of the

S. A. F. and O. H.

Sample package of 100, by mail prepaid, 60 cents.

H. THADEN & CO.

472 W. Hunter St., ATLANTA, GA.

Eucharis Grandiflora

It is a mistake to associate this flower with Eucharis Amazonica. The free-blooming qualities of the grandiflora are so much superior that the other cannot be brought in comparison at all except through its similar beautiful flowers. Eucharis Grandiflora will give five crops of bloom, properly handled, to one of Amazonica. It is one of the most profitable and successful flowers for florists to grow who wish something fine for funeral and wedding work.

A stock of bulbs once secured and let alone will produce from time to time through the season a beautiful show of flowers that can be compared to no other white flower for beauty and fragrance. It is both delicate in texture and fragrance, and its lasting qualities are superior to most of the white flowers of this class. It only needs a warm, shady corner of the house and very little care and the blooms will come in at seasons when white flowers are very scarce.

We still have a supply left and prices are offered the same as in former advertisement, $2.50 for large clumps of 15 to 20 bulbs, which are in bloom at the present time, and $10.00 per 100 for single flowering bulbs. The clumps will bloom again for the holidays with proper handling.

Sample flowers, with full instructions for growing will accompany all purchases.

All orders Cash.

"CRITCHELL'S"

Avondale, CINCINNATI, OHIO.

Mum Stock Plants

White and Yellow Fitzwygram; White, Yellow, Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wannamaker, Snnshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Peerin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100.

Stock will be shipped as soon as cut down.

POEHLMANN BROS. CO.

MORTON GROVE, Cook Co., ILL.

No. 1

SMILAX SPECIAL

2000 to close out at $10.00 per 1000 if taken at once, need room.

GEO. A. KUHL, PEKIN, ILL.

HEADQUARTERS FOR

ASPARAGUS PLUMOSUS NANUS

W. H. ELLIOTT

BRIGHTON, MASS.

Cut Strings, 50 Cents each.

Mention The Review when you write

ESTABLISHED 1802

THORBURN'S SEEDS

SEND FOR

SPECIAL LOW PRICES

.....ON.....

Lilium Harrisii,

stating number you require.

We have unexpectedly received a large consignment.

J. M. THORBURN & CO.

36 CORTLANDT STREET, NEW YORK.

The GLENWOOD NURSERIES

EVERGREENS.

The largest and most complete assortment of **Specimens**, sheared and of natural form. All root pruned and carefully grown.

Evergreen Trees, Evergreen Shrubs and **Vines** for window boxes and Winter decorations.

DECIDUOUS TREES.

20,000 **Oriental Plane Trees**, 6 to 14 feet.

25,000 **Oaks**, in variety, 6 to 14 feet.

100,000 **Maples**, in variety, 8 to 18 feet.

Beech, Birch, Ash, Elms, Ginkgo Poplars and other leading varieties.

HEDGE PLANTS.

200,000 **California Privet**, 1 to 4 feet. The finest grown.

Osage Orange, Berberry Thunbergii, Altheas, etc.

FLOWERING SHRUBS.

15,000 **Hydrangea Paniculata Grandiflora**, 1 to 4 feet.

5,000 **Deutzias (Gracilis** and **Lemoinei)** for forcing.

A complete assortment of Shrubs of all sizes, including quantities of large shrubs for immediate effect plantings, as well as smaller grades.

Climbing Vines.

5,000 **Ampelopsis Veitchii**, 1 and 2 years.

20,000 **Hall's Japan Honeysuckle.**

20,000 **Clematis Paniculata.**

English and **Irish Ivies, Wistarias** and other vines.

Crimson Rambler, Wichuraiana and other climbing and running roses.

Special Quotations to large buyers. New Trade List now ready.

Descriptive Illustrated Catalogue on application.

THE WM. H. MOON CO., MORRISVILLE, PA.

60 miles from New York. 30 miles from Philadelphia.

Mention The Review when you write.

Prepare advs. now

FOR OUR SPECIAL

Thanksgiving Number

To be issued **Nov. 13.**

MANETTI Rose Stocks

English Grown, especially graded for Florists' grafting. Write for prices.

Headquarters for RAFFIA.

THOMAS MEEHAN & SONS, Inc.

Wholesale Dept. Dreshertown, Montg. Co., Pa.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,

300-306 Dearborn St., CHICAGO.

Mention The Review when you write.

B. & A. Specialties.

Dutch, French, Chinese and Japanese Bulbs.

AZALEAS for Easter forcing in all sizes and the finest New York market varieties. KENTIAS in all sizes from 2-in. pots up to 10 ft. specimens. Evergreens and Boxwood for window boxes and outdoor planting.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Mention The Review when you write.

PITTSBURG.

Trade the past week was very good and all stock found a ready market. Prices have advanced a few points since last week's report. The demand for good Maids and Brides was heavy; the inferior grades were over-plentiful. Carnations are arriving in large quantities; the quality is good. American Beauty roses are not so plentiful. Chrysanthemums are increasing in supply; among the varieties in the market at present are some very fine Glory of Pacific, Mme. F. Bergmann, Amelia Henderson, Polly Rose and Marquis de Montmort. Dahlias are still coming in in fine shape. Mr. H. P. Joslin is cutting some very good single varieties and a good double pink; also exceptionally good cosmos.

The visitors last week were: Messrs. J. M. Gasser, of Cleveland, Ohio; Mr. J. Florey, of Media, N. Y.; Mr. S. S. Skidelsky.

Over in the Allegheny market they all report business exceptionally good. Mr. J. W. Ludwig is much pleased with the outlook for a good fall trade. Mr. E. C. Ludwig is doing a fine business. He had considerable funeral work last Saturday which amounted to hundreds of dollars. Mr. Chas. Ehrhardt is Mr. Ludwig's head artist.

Pittsburg and the vicinity will have to depend mainly upon the supply of coal from river mines, as all railroad mines are sending their product east to take the place of anthracite. If winter sets in early and the rivers become icebound, prices will begin to soar. The current rate per bushel now is 10½ cents, 1½ cents above the price of last winter. The president of one of the largest coal companies said he did not predict anything serious in the winter's supply. Their mines are working full time and consignments are coming in regularly. This company alone has 20 million bushels ready to go south via the river route.

Hoo Hoo.

WOMEN FLORISTS.

In an article under the above heading the Pittsburg Dispatch pays high tribute to the artistic abilities of Mrs. E. A. Williams, the florist of that city. It says:

Mrs. E. A. Williams, who has a flower store on Penn avenue, near Sixth street, enjoys the distinction of being Pittsburg's only woman florist, and one of the very few professional women floral decorators in this country. She possesses in a marked degree that particular attribute which goes to make a design artistic, impressive and attractive. She employs a large corps of skilled florists, who are able to impart their marked originality to the finished products of their designs. Great care is given by Mrs. Williams to the selection of her assistants; as to her other qualifications she adds that of being a good business woman, and realizes that her extensive and exacting patronage can only be retained through meritorious work.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3 in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

The GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.

New Canna "West Virginia."

See illustrations in last week's issue of the **Review.** I offer the entire stock for sale. It consists of about 900 plants averaging about 10 to 15 eyes to a plant.

If you want to control the best new Canna write me.

GUSTAV OBERMEYER, Parkersburg, W. Va.

Mention The Review when you write.

BUCKLEY'S October Offer!

GERANIUMS—Extra strong rooted cuttings true to name. **Jean Viaud** (the pink novelty), $2.00 per 100, $18.00 per 1000. S. A. Nutt, Alp, Ricard, Beaute Poitevine, E. G. Hill, Frances Perkins, Mme. Jaulin, Mme. Bruant, Duchess of Orleans, Thos. Meehan, L. P. Morton, La Favorite, Gaar, $1.50 per 100, $14.00 per 1000.

VERBENAS—Our 20th Century Collection, 25 latest mammoth varieties to date, labeled, strong plants, 2¼-in. pots, $1.50 per 100, $14.00 per 1000.

SMILAX—Extra strong plants, 2¼-in., $1.00 per 100, $8.00 per 1000.

ASPARAGUS SPRENGERI—Extra fine, 2½-in., $2.00 per 100; 2-in., $1.25 per 100.

PETUNIAS—Ten novelties from Dreer's and Henderson's latest sets; strong R. C. $1.25 per 100.

FEVERFEW — Little Gem, strong R. C., 75c per 100.

MARGUERITE—Chrysanthemum Frutescens, white and yellow, $1.00 per 100.

SALVIA—The two best, St. Louis and Bonfire 75c per 100.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

THE REGAN ...PRINTING HOUSE...

Nursery..... .....Seed..... Florists'.... **Catalogues**

87-91 Plymouth Place, Chicago.

CARNATIONS.

Strong, Field-Grown Plants.

600 Marquis	$5.00	per 100
800 Crocker	4.00	"
200 Prosperity	7.00	"

Schluraff Floral Co.

ERIE, PA.

ROSES AND CARNATIONS.

3000 strong 3-in. Brides, Meteors and Golden Gates, $4.00 per 100; $30.00 per 1000. 2-in., $2.00 per 100; $20.00 per 1000. Fine healthy stock.

3000 very strong field carnations, Marquis and Scott, 12-15 inches across, $4.50 per 100. A great bargain at this low price. 4-in. plumosus, $15.00 per 100. Some good 4-in. pipe, $8 00 per 100 ft.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

FIELD-GROWN CARNATIONS.

Joost, Roosevelt, Crane, Marquis, Melba, E. Crocker, McGowan and Mermaid, strong plants, at $4.00 per 100. Cash.

JUNIPER, Irish, 3 ft. trees, $15.00 per 100; $125.00 per 1000. 3½ to 4 ft. trees, $20.00 per 100; $150.00 per 1000. Extra heavy, 4 to 4½ ft., $25.00 per 100. Savin Juniper, 2½ ft., $15.00 per 100. Boxing at cost. Terms cash.

JOSEPH HEINL, JACKSONVILLE, ILL.

EXTRA FINE
FIELD-GROWN

Carnation Plants.

500 Prosperity	$8.00	per 100.
1500 Wm. Scott	5.00	"
2000 Ethel Crocker	5.00	"
1500 Cartledge	4.00	"
1500 McGowan	4.00	"
400 Hill	5.00	"
1000 Mrs. Joost	6.00	"
300 Maceo	7.00	"
1000 Fisher	4.00	"
1000 Norway	7.00	"

BOUVARDIA
1000 Pink and White.....$6.00 per 100

LEO NIESSEN

WHOLESALE FLORIST,
N. W. Cor. 13th and Filbert Streets,
PHILADELPHIA, PA.

Mention The Review when you write.

FIELD-GROWN

CARNATIONS

Fine, Strong, Healthy Plants.

	Per 100	Per 1000
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00
Marquis	4.00	35.00
Guardian Angel	4.00	35.00
Melba	4.00	35.00
White Cloud	5.00	

PETER REINBERG

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

Murphy's White.

A Commercial White Carnation, vigorous and healthy grower, early, free and continuous bloomer. Stem and calyx its strongest points. A white flower and very fragrant. An enormous producer, both as a Summer and Winter bloomer. Price within reach of all.

Will be distributed beginning Jan. 15th, 1903. Facilities for rooting 300,000 cuttings. You will want it, so place your order at once. 100, $6.00; 1000, $50.00; 5,000, $45.00 per 1000; 10,000, $40.00 per 1000.

I am headquarters for ESTELLE Cuttings, $4.00 per 100; $30.00 per 1000.

Correspondence solicited.

WM. MURPHY,
Wholesale Carnation Grower. Station F, CINCINNATI, O.

Mention The Review when you write.

Carnations-Carnations

FIELD-GROWN PLANTS.

The following varieties still left — order quick if wanted:

	Per 100	Per 1000
NORWAY, extra fine	$7.00	$60.00
GENEVIEVE LORD	6 00	50.00
MERMAID	5.00	
BEAU IDEAL	5.00	
ADMIRAL CEVERA	5.00	

25 plants of one variety at 100 rate, 500 at 1000.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

BEAR IN MIND

If some seedsmen cannot suit you as to price, we can. For example:

NARCISSUS VON SION The double-nosed variety, mammoth bulbs, $10.00 per 1000.

Paper White Grandiflora $8.00 per 1000.

HAVE A FEW MORE CASES OF

HARRISII, 7 to 9, 200 bulbs to case, only $15.00

LONGIFLORUM IS ARRIVING IN VERY BAD CONDITION.

W. ELLIOTT & SONS, New York.

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FIELD-GROWN CARNATION PLANTS

4000 Extra Fine Marquis, $4.00 per 100.

J. L. DILLON, Bloomsburg, Pa.

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Field Grown CARNATIONS

G. H. Crane, Norway, Gen. Lord, E. Crocker, Russell, Avondale, F. Joost, Peru, Prosperity, $5.00 per 100; $40.00 per 1000.

Order at once while stock is in fine condition.

Terms cash or satisfactory reference.

S. Alfred Baur,
ERIE, PA.

LILLIAN POND....

THE LARGEST AND BEST WHITE.

A pure white flower averaging 3½ inches on long stiff stems. A continuous, free and early variety with a flower perfectly formed and very fragrant.

A Money-Maker for You All.

Orders filled strictly in rotation, delivery commences January 1, 1903.

Prices—12, $1.50; 25, $3.00; 50, $5.00; 100, $10.00; 250, $23.00. 500, $37.50; 1000, $75.00.

S. J. REUTER,
WESTERLY, RHODE ISLAND.

CARNATIONS FROM THE FIELD.

Fine strong, healthy plants.

2000 Triumph, extra	$5 00	per 100
1200 Morning Glory	7.00	"
400 Joost	$5.00 and 7.00	"
200 Marquis	7.00	"
125 Prosperity	9.00	"
125 Genevieve Lord	5.00	"

Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

ALL THE BEST CARNATIONS

LEADING NOVELTIES OF 1903.
The Best Varieties of 1902.
All the Standard Varieties.

Send in your orders for Rooted Cuttings now.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CARNATIONS!

12,000 strong healthy field-grown plants.

	Per 100	Per 1000
Bradt	$7.00	$60.00
Marquis	6.00	50.00
Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

250 of one variety at 1000 rate.

ISAAC H. MOSS,
GOVANSTOWN, Baltimore, Md.

CARNATIONS

Strong, field-grown plants.

"Goodenough"

the most profitable White, $7.00 per 100.

FRANCES JOOST	$5.00	per 100
MACEO	5.00	"
SCOTT	5.00	"

Write for prices on large lots.

SIDNEY LITTLEFIELD,
NORTH ABINGTON, MASS.

Reduced Prices for good Carnation Plants.

500 Flora Hill, small, at $2.25 per 100.
300 W. Scott, 1000 Mrs. Joost, 100 Ethel Crocker, 150 John Young, 150 Mrs. J. Dean, at $3.75 per 100; $35.00 per 1000. Cash with order please.

JOHN CURWEN, - Glenhead, L. I., N. Y.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Stumpp & Walter Co

NARCISSUS
Paper White Grandiflora
$8.00 per 1000; $37.50 per 5000; $70.00 per 10,000.
50 BARCLAY STREET,
NEW YORK.
Branch Store, 404 East 34th Street.

SYRACUSE, N. Y.

Those who have not been successful in growing the Marquis, and those who have, should, if possible, make a trip to see this grand carnation. At this time of writing (October 5) the plants are loaded with bud and bloom of large size and perfect color, thus disproving the assertion made that this is a late bloomer. Mr. Marquisee is of the opinion that wherever proper conditions prevail this variety cannot fail to give satisfaction. A good, stiff rose soil is best suited for it, cannot be too heavy, night temperature 48 to 50 degrees. It can be asserted with every kind of confidence that there is not a grander pink on the market today, and to see half a dozen houses filled with vigorous stock, averaging eighteen flowering shoots to each plant, should make us feel like looking further into the subject before discarding this valuable variety. William Matthews, of Utica, and Alfred Patrick, of Auburn, are amongst those nearby who are equally successful. We are emphatic in making this note, as so many have spoken disparagingly of a variety which it is very evident is a most profitable one when properly handled. It is a grand consort to the beautiful Lawson.

The new white, Empire State, is looking in splendid shape, full of promise. Plants have all been pinched back for stock purposes. There will be one or two seedlings shown at the forthcoming carnation convention that will make the name of our genial friend yet more famous.

W. M.

PACKING AND SHIPPING LETTUCE.

Referring to the question of No. 404, would say we raise and ship Grand Rapids lettuce in quantity for the Cincinnati market. We raise it in solid beds. We pack it in sugar barrels in the manner advised by Mr. Totty, except that we cut it close to the ground, not leaving any roots on. We pack from 75 to 90 lbs. in a barrel and cover with clean burlap, and never fail to get the top of the market.

Geo. R. McNeil.

Manchester, O.

CARNATION LILLIAN POND.

Some blooms of this new white carnation recently shown in Chicago for Mr. Reuter, the introducer, by Mr. A. T. Boddington, made a very favorable impression. The blooms are of extra good size, fine, clear white, very fragrant and with good long stems. Such fancy blooms thus early in the season certainly speak well for the variety.

Stillwater, Minn.—Frank Berry, the florist, has added a nursery department to his business. He has purchased ten acres of land, which will be planted with a stock of fruit and ornamental trees and shrubs.

Palms and Decorative Plants

A large and complete stock of all the leading varieties in the best possible condition, from 2½-inch to fine perfect specimens in 10-inch pots.

Now is the time to order as I can supply better stock and they can be shipped by freight.

For a full description as to prices, sizes, etc., send for Price List.

LEMUEL BALL, Wissinoming, Phila., Pa.

Mention The Review when you write.

Burpee's Seeds Grow

FOR SALE.
10,000 White Cochet ROSES,
Selected, $6.00 per 100; $55.00 per 1000.
Ordinary, 5.00 " 40 00 "
All strong two and three-year-old plants.
H. F. MICHELL,
1018 Market St., PHILADELPHIA, PA.
Mention The Review when you write.

Palms Home Grown, Fine Clean Stock, Grown Cool.
ASPARAGUS SPRENGERI. 3-inch pots, nice plants, $4.50 per 100.
J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.
Mention The Review when you write.

Petunia Giants of California,
splendid mixed, 40 cts. per 1000 seeds, $3.50 per 10,000.
DOUBLE FRINGED—Splendid mixed, 70 cts. per 1000 seeds, $7.00 per 10,000.
SHASTA DAISY—25 cts. per 100 seeds, $2.00 1000, $16.00 per 10,000.
A few Calla Lilies left, 1½ to 1¾ diam., $7.00 per 100 delivered to purchasers.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.
Mention The Review when you write.

For Fall Planting—Large-Flowered Clematis. Finest purple, white, lavender and pink sorts, 2 years fine field-grown or from 5-inch pots, at 18c; 1 year fine field-grown or from 3-inch pots, 9c. Clematis Paniculata fine 2 year field-grown plants, 6c. Roses—Gen. Jacqueminot, Coquette des Blanches, La Reine, Queen of the Prairie, Crimson Rambler, Clothilde Soupert, etc., 2 year fine field-grown on own roots 10c; second size, 6c. Hydrangea P. G.—nice plants, 8c; well rooted layers, 2c. Japan Gold Leaf Honeysuckle, well rooted layers, 5c. Packing free for Cash.
W. H. SALTER, Rochester, N. Y.

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ASPARAGUS PLUMOSUS, 2-inch pots, at **$3.00** per 100; **$25.00** per 1000.

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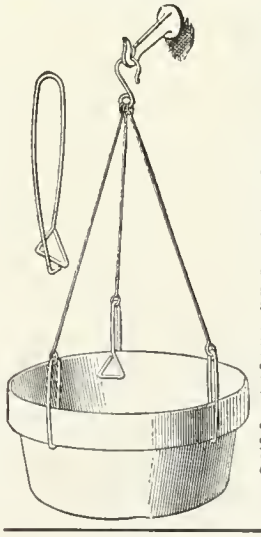

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Replying to L. S., as far as the heating of the greenhouse is concerned, there is no objection to placing the pipes as he describes them, but as the direct radiation from six lines of 1-inch pipe reaches a considerable distance, the plants nearest the coils would be warmer and drier than those in the center of the house, and will consequently require more attention in the matter of watering, and if the plants in the greenhouse are at all subject to the attacks of red spider they would be liable to suffer, as the intense heat in the spaces behind the coils of six 1-inch pipes placed vertically on the side wall furnishes splendid breeding places for such pests, which it would be difficult to reach under ordinary conditions with a hose.

In the house 100 ft. long, where the benches have 18 inches of clear space underneath and the boiler cellar is sufficiently deep to let the steam main enter the greenhouse below the floor line, it is possible to make complete circulation spread out below the benches and so keep valves all at one end, as L. S. describes. For this system, however, the house should stand level.

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SEMPLE'S WHITE and MIXED. Send for sample.
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Asparagus Sprengeri, $1.50 per 1000 seeds.
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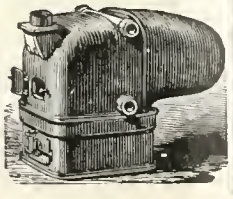

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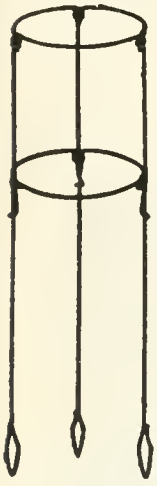

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

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Flushing, L. I., Dec. 11, 1901.
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Yours very truly,
A. L. Thorne.

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Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
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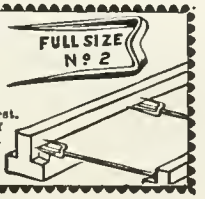

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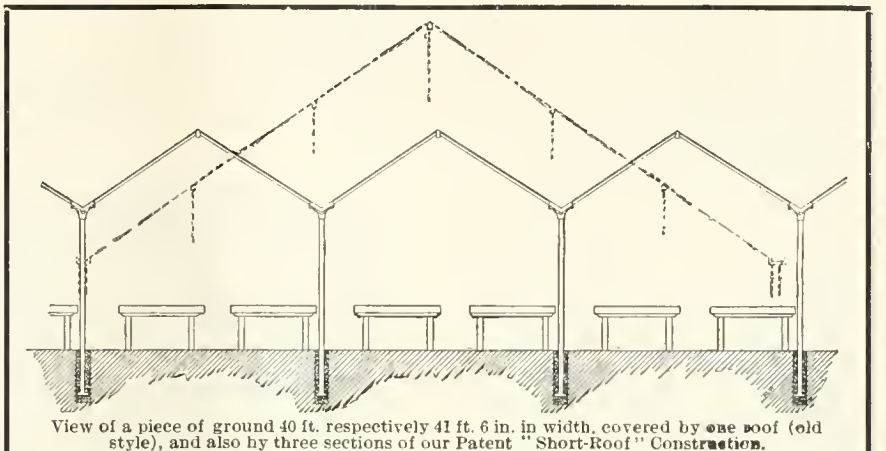

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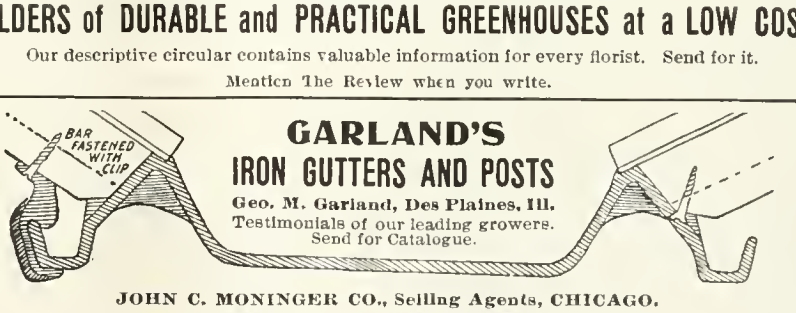

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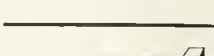

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Thanksgiving Number

To be issued

November 13.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

Subscription, $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

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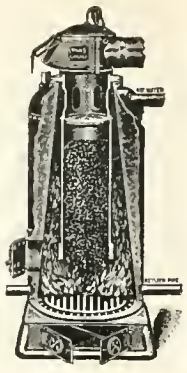

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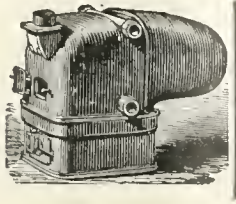

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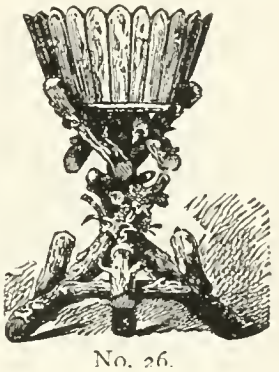

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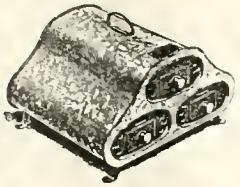

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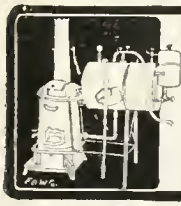

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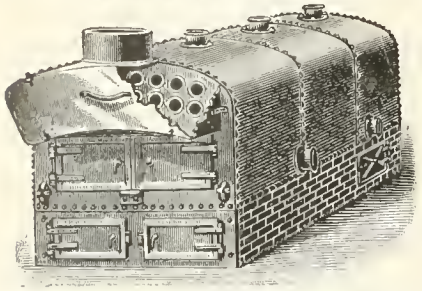

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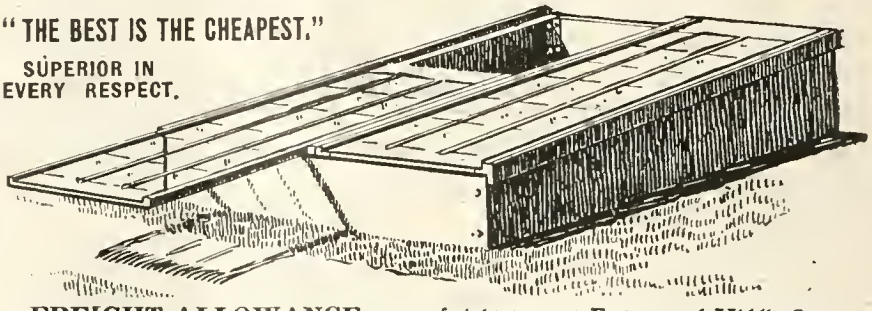

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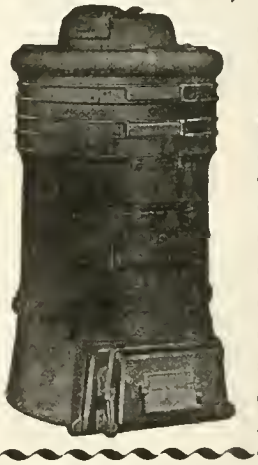

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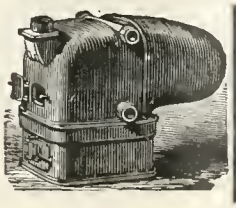

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M.
Jamaica Plain 261

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Vol. X. CHICAGO AND NEW YORK, OCTOBER 23, 1902. No. 256.

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A BOUQUET OF CARNATIONS.

The accompanying engraving is from a photograph of a bouquet of light pink carnations, arranged so it may be used either as a vase or a hand bouquet. It contains fifty carnations, some wired, the rest tied loosely, with Asparagus plumosus and a few common ferns used as a foundation. This bouquet is made round and is alike on each side, but it can be made one sided if to be used against a wall or an altar in a church, where that form would appear to better advantage and there would also be a saving in flowers. A one-sided bouquet can be arranged with a little more than one-half as many flowers as are required for a round bouquet and will give the same effect where only one side is to be seen.

These vase bouquets are used a good deal in decorating rooms for weddings, receptions, etc., and it is as simple and effective a way to display the flowers as any we know of. L. P. Walz.

A BANQUET DECORATION.

We present in this issue a full page engraving from an excellent photograph of the very elaborate decoration arranged by Mr. Geo. M. Stumpp, New York, for the banquet of the Millionaires' Club of that city.

It is very rarely that such an excellent photograph of an elaborate decoration can be obtained and we feel it a great privilege to give our readers such a good view of a decoration that can be classed among the best work done by a leader among the artists of the great metropolis.

The picture has such excellent detail that a description seems unnecessary. Over 10,000 American Beauties were used.

CHRYSANTHEMUMS.

Notes on Varieties.

Cutting has commenced in earnest and there are several varieties now in excellent shape. Chief of these is Mrs. Robinson, cutting of which commenced on the 16th. We cannot yet find a white to come near this variety in its particular season, which is with us from the 18th to the end of the month. Alice Byron is as good as Robinson in every way, but it can be got in ahead of Robinson and will not conflict with it in any particular.

A white that was sent out as a good variety to immediately precede Robinson is with us a complete failure. This variety is C. Holst. Why it has done so poorly I cannot say, but the plants became hard and never grew right. Holst may be all right in certain sections of the country, and with other growers, but we have no use for it whatever.

Two other varieties that have made a very indifferent showing are two French kinds, Nouvelle Vie and M. X. Rey Jouvin. Many of the buds of Nouvelle Vie rotted, and the ones that have produced flowers are decidedly poor. Rey Jouvin is producing a fair sized flower but it is showing a center and the color is away off. It could not be classed with either the whites or pinks. Another variety that is a wretched failure is the imported Vicar of Leatherhead. It is said to be a seedling from Madame Carnot, and such an aristocratic mother would lead one to look for a good son. Unfortunately the flower only shows a double row of petals surrounding an immense disk, or center, and is the poorest variety that I have seen for a long time. I understand it is a magnificent variety in England; it must be in fact to be spoken of so highly, but it only bears out previous experience that varieties which are excellent in one country may be worthless in another.

Importing varieties is a good deal of a lottery, though one can generally find an odd prize in the batch. Just such a prize is Mrs. Coombes. No words of praise are too warm for this variety. It is a wonderful pink. Its only fault from an exhibition standpoint is that it is a little too early. This year it was in good shape by the 11th and at present writing (Oct. 18) is a glorious flower over twenty inches in circumference. It is a duplicate of Morel in shape, a shade lighter in color and one of the strongest and easiest of growers. Coombes must undoubtedly rank first as a second early pink. To get the finest flowers get the crown bud about August 18 to 20 and the result will gratify you. It will stand feeding without damping its petals and will perfect every flower. On the late bud the color is a little better, but the flower is lacking in size and finish. I would always recommend the early bud.

Nellie Pockett is coming on very well and will produce some very fine flowers from crown buds. Its chief value is of course as an exhibition variety.

Princess Bassarabu de Brancona has made good wood but the flower shows a large eye and it will be discarded. If a mum could only speak what would it say to being burdened with such a name as this. One can imagine it saying with poor Wolsey: "Too much honor. Oh, 'tis a burden, Cromwell, 'tis a burden, too heavy for a mum like me to bear." No wonder it shows an eye, and if that eye had a tear in it one could hardly be surprised.

A Round Bouquet of Carnations.

Robert Halliday was ready for cutting by the 16th. It is a neat flower, very clean looking in color and may safely be classed as a very useful variety.

Henry Hurrell is earlier this year and cutting commenced by the 16th. This variety is by no means a novelty but it might be grown more with advantage by many growers. It is a very vigorous grower and a splendid keeper, a fine color but a trifle too small for an exhibition flower.

Australian Novelties

are becoming very prominent in our lists nowadays, with the probability that they will be largely increased in the near future. Possibly the climate of

Australia resembles the climate of this country so far as its effect on the mum is concerned. Certain it is that many of our best varieties today are of Australian origin. Nellie Pockett, T. Carrington, Australie and others. Mr. Pockett seems to be the most prominent raiser as is shown by the number of varieties bearing that name, and some of his latest novelties are really startling. Mrs. T. W. Pockett is, I think, the most beautiful chrysanthemum I have ever seen. It is a Japanese as large as the largest flowers of Carnot and somewhat on the style of a good flower of that variety. The color is a deep clear yellow and the general appearance of the flower intensely fascinating. The habit of the plant is ideal—dwarf and exceedingly robust.

C. J. Salter, another of Pockett's giants, is truly a monster. It is the largest incurved I have ever seen—nine inches across—and canary yellow in color. Appleton is dwarfed in size by this new arrival. It is also exceedingly robust in growth and I believe such varieties as these when they are exhibited will place the mum on a more popular plane than it has ever been.

Charles Longley is another immense thing, rosy purple in color and very striking. It would be interesting to know what varieties Mr. Pockett used to cross with to obtain this race of giants.

Millicent Richardson is another variety on the rosy purple order, but much brighter in color than the last named. It will possibly be more popular than Longley, but either one is a great advance.

I know not gentle reader whether any of these varieties will be for sale next year or not. Possibly some of them may, but these notes are not intended to help the sale of any variety. I write of varieties as I find them, and having nothing for sale write sometimes perhaps critically, but always, I hope, truthfully so far as my own experience with varieties is concerned. These Australian novelties I do not possess but I am in a good position to observe them closely and they are putting our own varieties completely in the shade.

Brian Boru.

MISCELLANEOUS SEASONABLE HINTS.

Azaleas.

Some weeks ago I had occasion to speak of newly imported azaleas. They will be arriving in a few days. Perhaps you have yours. Let me remind you once more that it is very essential to dip the ball of roots in a tub of water for a minute or so or until the ball is thoroughly saturated. Some lots may not need this as much as others, but it won't hurt any of them. Do this after you have cut the ball down with a sharp knife or hatchet to the desired size. That does not hurt them and you don't have to use a pot that looks two sizes too big for them, or as I would look if wearing an old hat that once belonged to Mr. Gladstone. Any cool house will do and in more favored climes a cold frame will do for another month, but no frost.

After being potted a week or so you should select the plants you want for flowering at Christmas, and the freshly imported plants are the ones for that purpose, not the summered over plants, as would most likely be supposed to be best adapted for that purpose. Leave those for Easter for they are better at that time than the fall imported plants. They are not so inclined to make these young growths at base of flower bud which if allowed to grow soon rob the flower buds of their strength, and you have a flowerless plant. Some varieties should never be flowered the first season but have one summer under your care and then they are magnificent. Notably that fine variety, Bernard Andreas, which is a fine, bright, rosy pink, superior to the much-in-demand Mme. Van der Cruyssen. The latter, however, forces finely the first winter after importing, while Bernard Andreas is about useless the first year, but the second it puts Van der Cruyssen in the shade. For Christmas sales there is nothing in white that equals Deutsche Perle. Simon Mardner is the best deep pink we know of and Vervaeneana is the fine variegated or mottled pink and white. Azaleas sell well at the holidays.

Rhododendrons, Etc.

Along with the azaleas will come rhododendrons, Azalea mollis and perhaps deutzias and other hardy shrubs for forcing. In our soil the ericaceous plants make little or no roots and what rhododendrons and Azalea mollis are not sold we dump on the rubbish heap as it would be an imposition to donate them to friend or foe. So it is not necessary to pot them or the shrubs till New Year's. A deep cold frame with some nice friable soil or leaf-mold and the plants heeled in will keep them very well till New Year's, but before they are heeled in the roots should be thoroughly wet. Perhaps I may be a little clearer in this by saying that rhododendrons should be potted and in the greenhouse by New Year's as they take some time to start and expand their flower buds.

The deciduous azaleas will want only seven or eight weeks in the heat while the deciduous shrubs will vary in time and that of course will depend somewhat on the amount of heat you give them. In 60 degrees at night a Deutzia gracilis will want seven or eight weeks, a lilac four weeks. It is a long while yet before you are handling them and what concerns you now is to take care of them at this busy time, for it is a busy time.

Don't think because a lilac and spiraea or Viburnum is a hardy shrub when well established in our gardens that you can expose them to zero after coming out of a warm box in the hold of a steamer. They really get slightly stimulated into growth during the journey and are in no condition for a severe freeze. Let them be protected from cold cutting winds with sash or boards and later they will endure a freeze without any harm.

Spiraea.

That weighty article, the spiræa or astilbe, will soon be along. This pretty feathery flower will stand more abuse when dormant than a tom-cat, but the latter is seldom dormant till dead. Many people leave the case of three or four hundred roots out of doors just as they arrived. If we get a warm spell the roots start to grow and they get matted together. They may not be much the worse for this harsh treatment yet I prefer to unpack and place the roots in boxes with a little earth between the clumps and a few inches over the crowns, wetting the roots before putting them away. In this condition they are safe till you want to force them after New Year's.

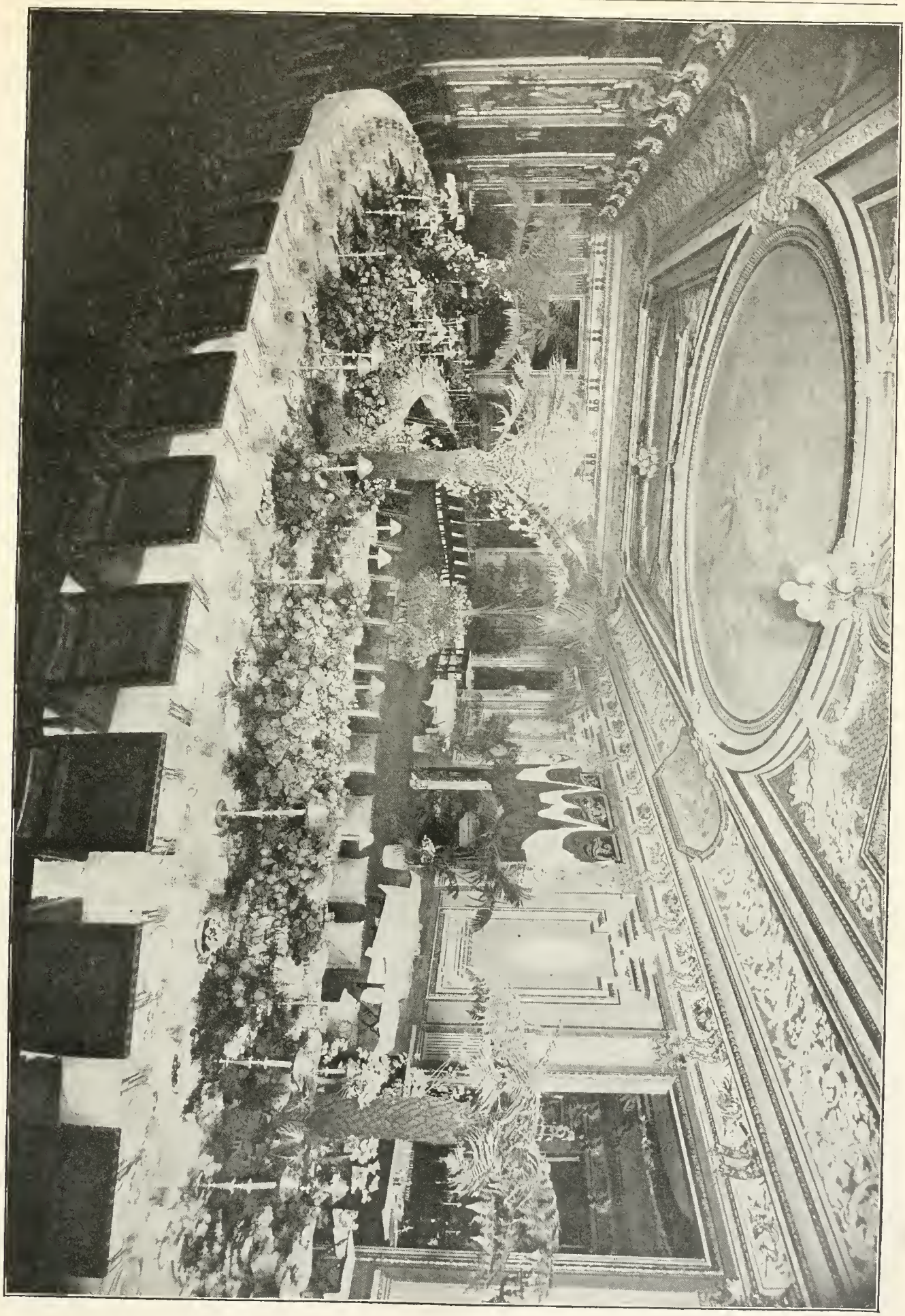
Bulbs.

We will hope that you boxed up a good many of each variety of early single tulips for your January and February forcing. If you have them out of doors covered with three inches of soil they will not have needed any artificial watering, at least not with us as rains have been copious; but if in your locality it has been dry you must soak the beds once a week or root growth will not be going on as it should and without roots they won't force.

We are now potting our named hyacinths in 4-inch pots. These we prefer to put in a cold frame, standing the pots on old boards or a few inches of coal ashes. After a good soaking cover with two or three inches of loam or leaf-mold or decayed refuse hops. This will do till hard winter comes when we cover again with six or seven inches of stable litter and then with sash or frames. Hard freezing would not hurt the bulbs or their prospect of flowering, but it is hard work and a nuisance to be chopping them out of a frozen mass in the months of February and March.

We grow a good many pans of hyacinths for Easter, all one color in a pan. They can be planted now in the pan or you can grow the hyacinths in a 3-inch flat, forty bulbs in a flat 2 feet by 1 foot. When they are about in full flower they can be transferred into the pans and will make finer pans than those planted in the fall. There is no fraud about this. The flower will last just as long. They are as lasting and pretty as if grown there all winter. You need not lose a root in taking them out of the flat because the soil can be washed off but that is of no consequence. The loss of some roots will make no difference. By this method you will save room in the frame, save breaking of pots and pans and have no blanks in your pans. We take up tulips from flats when in flower and make into pans to please customers, but tulips do not lend themselves to this treatment and always look floppy and pulled about. Not so with hyacinths.

Get all your forcing tulips and hyacinths in flats as soon as possible. But don't hurry about planting in beds out of doors. After trying all dates from early October to a January thaw, I am convinced that the middle of November, or even later, if weather is open, is the



Decoration Arranged by Mr. George M. Stumpp, New York, for the Banquet of the Millionaires' Club.

best time to plant. It may be wet and muddy, that makes no difference. The winter will put all that to rights. Plant deep, five or six inches is not too deep for tulips. A blunt stick and a hole with the tulip at the bottom of it is all the science there is about it.. Why this late planting gives better results than early, is, I venture to say, accounted for as follows: If planted early and there is two months' mild weather before a freeze-up the bulbs make about all the roots they ever will make and in the spring the roots are hard and do not supply much nourishment to the leaves and flowers. If planted late the roots are in the most active state after spring releases the frost from the ground and the flower is more abundantly supplied from the active roots. The flowers are larger, a better color, and better than all, they last longer.

I will conclude by telling you from observation how not to do it. As you all know the Pan-American company had so much money that ordinary methods of construction and cultivation did not dispense it with the desired rapidity. A large bill of A No. 1 bulbs (supposed to be) was bought by the landscape department. The beds and borders were first excavated six inches deep, then an inch or two of sand was spread on the surface, then the hyacinths and tulips were set on the sand in geometrical lines and figures. A gang of civil engineers and helpers did the geometry part of it. Then the earth that was excavated was thrown over the bulbs and beautifully leveled off and later covered with straw, and then, unfortunately, it was the poorest lot of flowers we have ever had the misfortune to see. And many such little narratives could be told of waste, extravagance and impudent ignorance accompanied by "loafer's gall."

I meant in speaking of the astilbe to say that last fall a few dozen clumps of a variety called "Washington" was sent us by a New York firm. It proved a grand thing, much finer in every way than compacta or the old type.

William Scott.

ROSES.

Seasonable Hints.

Now that we are at the beginning of the season of steady firing a few reminders as to the care of the houses under these conditions may not be out of place.

The burning questions for some time to come will be the supply of coal, and how to economize on that item, and this question requires most careful consideration. Merely keeping the temperature at a fixed figure at night or during the day with the smallest amount of coal possible is hardly the kind of economy that pays. There are days and nights, too, when the temperature can be kept to the normal by simply closing the ventilators, and no doubt many will be tempted to try this plan to save a few dollars, but the quality of the cut will soon deteriorate and the injury to the general health of the stock will be more than an offset to the few dollars saved.

This method of treating roses is one of the most fruitful sources of trouble. The air becomes close and stagnant, causing the foliage to become soft, the young growth will lose that vigor and robustness so necessary to carry a well finished bud, and the plants will acquire that condition of impaired vitality that will make them susceptible to the ravages of any disease by which they may be attacked.

In order to keep the plants in a vigorous and healthy condition it is essential to keep the air fresh and sweet. This can only be done by keeping up a good circulation without creating a direct draught, and the best means to attain this is to use heat and ventilation.

In such a season as the past summer it has been a hard matter to keep stock from growing soft and spongy, and in many places no doubt it is in a very unfit condition to enter on the winter with, and care should be taken to use every means to harden it up before dark weather begins. To do this successfully the houses should have as much air on every favorable opportunity as it is possible to give with safety.

During close and muggy weather the ventilators should be left partly open at night, and as many pipes left on as will keep the thermometer at the required mark, and even through the day it is better to keep some of the pipes on so that a greater amount of ventilation can be given. Watering also will require special care at this time, as the roots are beginning to lose a great part of their activity, and consequently will be less able to use so much as heretofore. A careful examination of the benches every morning will be necessary as this will reveal many dry spots that will require attention.

During the hurry and bustle of getting ready for winter, boxing and storing bulbs, lilies, etc., tying will be apt to receive less attention than it should. Any neglect in this matter at this season will later on result in crooked and weak stems, which will detract very much from the value of even the best developed buds. The eyes will also break weak by reason of want of light and air, and a growth of blind wood will be encouraged which is undesirable at this season. Each stem should be tied up neatly and separately, and in such a manner as to allow free circulation of air among the leaves, so that they may dry quickly after syringing; this also facilitates syringing.

Keep the benches clear of all ripe and decaying leaves, especially in Beauty, Liberty and Meteor houses. Apart from the untidy appearance these create they are also a source of disease and trouble, affording a nursery for fungous growths and shelter for troublesome insects.

Precautions against mildew are still in order. Keep the pipes painted with the sulphur mixture at least once a week, and also use the blower frequently, always selecting a bright day for this work.

Greenfly will begin to give some trouble, but a light fumigation once a week will hold this in check. Thrips will also put in an appearance and it may be better to fumigate twice a week in Beauty and Kaiserin houses.

Disbudding and removing of laterals should receive frequent attention. If these are allowed to remain on too long they spoil the appearance of the finest stems and reduce them in grades.

From now on during the winter the floors and paths should be kept as dry as possible, there being usually moisture sufficient and to spare in the atmosphere during the next four months. By economizing on water it is easier to economize on coal.

It is only by carefully attending to details, and keeping a vigilant eye on attending conditions that we are able to circumvent our enemies and induce those conditions so necessary to the welfare of the plants, and the proper development of a crop of perfect buds.

Ribes.

EEL-WORMS IN ROSES.

Please tell what to do for eel-worms. I have been using lime water and tobacco stems soaked in water over night. It seems to hold them back for a week. The leaves turn yellow and die.

I had a great deal of trouble last spring with bedding plants. They had sufficient air, water and heat. The water in this section contains more or less salt and mineral matter. The soil is a light black loam and seems to lose its strength after watering it a few months. M. F. C.

The specimens of roses received were very badly infested with eel-worms. The plants seem never to have made any vigorous growth, and of course infested as they are they never will. So far I have been unable to learn of anything that will destroy the worms, without also destroying the plants. They perish in solutions of acids, and of most metallic compounds, but these unfortunately are most destructive to plant life. It seems a pity, but the best thing to do is to destroy every affected plant, renew the soil and replant with healthy stock. The sample of soil sent seems suitable for rose culture if composted properly.

Anent the trouble with bedding stock. This same soil would in my opinion be the ideal soil for such. The fault may be in the water, and M. F. C. should have some one in the locality examine the source of supply. Ribes.

TOBACCO ASHES—MANURE.

Are tobacco-stem ashes all right to use as a top dressing on rose or carnation benches? And would well rotted horse manure do if no cow manure can be had? Or is fresh cow manure from last spring that is not rotted yet all right to use? Or should it be rotted first? J. B.

Ashes from vegetable growth consist of such elements as are always required for their perfect maturity, and it is evident they must furnish one of the best manures which can be supplied for their growth. They contain in fact every element and generally in the right proportion for insuring a full and rapid growth.

At the same time great care must be taken not to give too much by way of top dressing. One bushel of such ashes will be sufficient for 150 square yards of bench surface for a first application. If the results are satisfactory a slight increase in the quantity at the next application may be of benefit. If the plants are showing any signs of unhealthiness they will be better without it; in any case be cautious.

Well rotted horse manure mixed in the same proportions as recommended for cow manure is a good substitute.

Cow manure collected during last spring should now be sufficiently decomposed for this purpose. By mixing it with soil in the right proportions, and turning it over once a week it will be quite fit for a mulch in three weeks. One inch thick will be heavy enough.

Ribes.

CARNATION NOTES—EAST.

Handling the Product.

This important branch of our business brings us to the point where it is a question of value or price. Flowers have no intrinsic value; it is only when passing from you to the buyer that you can say for value received, so then you must place your product before him in the most attractive form. This can be accomplished only by intelligent, careful and systematic handling with strict attention to every detail.

As we retail practically all our output, there may be more detail and varied conditions under which we are compelled to work, but the principal features can be carried out by the wholesaler as well.

Late in the afternoon we go over the benches, cutting those which are to go out on order the next morning, *immediately* placing the stems in vases deep enough to cover at least one-half the stems with moderately cool water, standing the vases for the night in a temperture not above 50 degrees or below 45 degrees.

Early next morning all blooms sufficiently developed are cut and treated in the same manner, being used through the day as occasion demands. Carnations are sometimes cut too soon, but oftener left on the plants too long. The happy medium may perhaps be hard to regulate in order that there shall be no loss, especially with the grower who retails. It is better to err on the side of cutting too soon, at least with varieties liable to fade in strong sunlight, such as Daybreak and Lawson.

I could never see the sense in allowing blooms to develop to their utmost before cutting, for they are then almost sure to be in a condition to self pollenize easily and with the handling they must be subjected to it is more than likely that they will be on their last legs when they reach the consumer.

Store cut blooms where there are no direct draughts or strong lights, but in a shady place where the air is constantly changing. Do not try to see how many blooms can be gotten into a vase; a vase crammed full of stems must of necessity contain little water, besides the petals get bruised and have that tired look, so quickly noticed by a critical buyer.

Change the water in the vases daily; once a week have them thoroughly washed, using a few drops of ammonia in the water.

Sleepy Blooms.

Last season there was much complaint about sleepy flowers, largely among those retailers who depend on the grower or commission man for their supply. I believe all parties concerned contributed to the trouble. The grower may allow blooms to stand too long on the plants or allow cut bloom to lie around some time before placing in water. Blooms picked from plants suffering for water soon wither.

Strong applications of chemical fertilizers and maintaining too high temperature produce only inferior stock. Rough handling as I would apply to cordwood, by both grower and commission man, would almost put a dried cape flower to sleep. You will see store men at closing up time clipping the ends of stems on left over stock with scissors; this mangles the tissues of the stem, blocking the passage of water.

Crowding vases too full, using stagnant water, allowing blooms to stand in a draughty window under strong sun and permitting customers to paw over stock as seen on bargain day at dry goods counters, all help to induce sleepiness.

My endeavors being intended for the grower, would advise him to keep his eyes open abroad as well as at home, suggesting a few pointers down along the line.

GEO. S. OSBORN.

MISREPRESENTATION.

BY GEO. S. OSBORN.

[Read before the Hartford Florists' Club Tuesday evening, October 14, 1902.]

It is the purpose of this article to place before you a few circumstances that have actually occurred at the expense of the writer or in his presence, not in any spirit of revenge nor as a matter to be treated as a joke, but rather to point out to you as men of business how short-sighted it is to place your worthy occupation in any other light than an honest one. To be sure, there is a vein of humor running through some of these occurrences, but there is a deeper and more lasting tendency to carry one to the belief that every one is a rascal until proven an honest man, a condition of mind to be deplored.

Misrepresentation is defined in the Standard dictionary as the act of giving intentionally or unintentionally an incorrect report or giving a wrong impression. The same authority defines prevarication as the act of giving a wrong color to facts in speaking or answering or misrepresentation by shape or turn of statement. Thus it will be seen that these two words have practically a common meaning.

The plain, unvarnished truth will assert itself in spite of all attempts to conceal it, especially in the florist's trade, where sight is the chief sense to be gratified, not only at the moment of sale, but later when the articles are sent to their destination to be admired under new surroundings and perhaps by another and more critical eye. With food stuffs, chemicals and coloring matter can be employed, one to deceive the taste, the other the eye, so adulteration may go unnoticed; not so in the plant, shrub and flower trade, for Dame Nature quickly resents any deviation from her ways, allowing the true conditions to come to light.

First let me state that the personal pronouns "we" and "us" are to be taken as applying to the florist, nurseryman and seedsman alike, from the fact that these branches of trade are closely allied.

Second, allow me to say that if the chips fall in unpleasant places I can only answer with the proof of my statements.

One great trouble is that we are human, and it is not human nature to depreciate one's wares in whatever line, still it is not necessary to tell a cus-

The New Greenhouses of the Geo. Wittbold Co., Edgebrook, Chicago.

THE GEO. WITTBOLD CO.

We present herewith several views from photographs of the new range of houses recently built by the Geo. Wittbold Co., at Edgebrook, Ill., which is just outside the city limits of Chicago, on the C. M. & St. P. Ry. It is 11 miles from the Chicago Union station.

This establishment is intended to supplement that in the city, there being no more room available at the city place. The new houses are three in number, each 27 ft. 4 in. by 300 feet, and contain 30,000 feet of glass. The company has here 30 acres of land, which gives them ample room for further expansion. Part of the land has been planted with nursery stock.

One of the pictures gives a view in a house of palms and another shows a house of Boston ferns. The houses are of Garland iron gutter and post construction, and are built to stay.

tomer that Adiantum Farleyense can be grown with success in an ordinary dwelling house; however, I have heard such a statement made.

I have seen vegetables and flower seeds exposed for sale when the fly specks of years' accumulation on the envelope containing them would indicate anything but fresh seed, still they were represented as such.

Sample palms have been shown me in July, then in 4-inch pots, to be shifted soon to 5-inch and delivered during September and October at a certain price. This stock was represented to be on the grower's place in a certain state. When the goods arrived some time after promised they were still in 4-inch pots, needed no shift, were smaller than sample shown and came from an entirely different grower, situated in another state; a case of selling short.

Having seen violets offered for sale a sample was sent for, which, proving good, induced me to order a quantity. The quantity came, but the quality was all in the sample plant. Two and sometimes three old stumps or stools, some of which had no roots, had been bunched together and stuffed with soil into a pot. Several times geranium cuttings have been ordered of one distinct variety; at blooming time they proved to be a motley array.

Most of us know the character and source of supply of department store roses, sold at 10 cents each. They are as a rule offered by the importer, bought and sold by the retailer as they really are. What would be your opinion of a nurseryman seen coming from one of these stores laden with several bunches of these roses going in the direction of his place of business? I saw this several years ago, but never forgot it or changed my opinion.

It is a matter of record that a few years ago a certain variety of carnation was offered for sale as being a sport from a well known and profitable sort. Quite a controversy was carried on through the trade papers as to its really being a sport from the variety named. At last a committee was appointed or asked to investigate and report. The committee reported that it believed the sport to be a true one and recommended any florist having $10 to spare to send for a hundred cuttings. Evidently there was a nigger in the wood pile, for the so-called sport failed to show any $10 a hundred qualities, but is now practically forgotten, while the old standard is still in cultivation.

Now to reverse things somewhat, placing the wholesaler or grower at the mercy of the retailer or store man. It is a most despicable practice to misrepresent one's needs to a grower of cut flowers who has stock, perishable as it is, to offer; this is commonly called shrewd buying. Not so; it is the downright, selfish grinding accomplishment of obtaining goods under practically false pretenses.

Another practice which in some places seems to be growing, is that of obtaining the over supply from public and private establishments by a favored few, thus placing a premium on begging at the expense of the whole community, at the same time placing the parties implicated in a dangerous position, for "murder will out."

Our special Thanksgiving number will be issued November 13. Prepare advs. for same now.

PAINTING HEATING PIPES.

Mr. Gibbons says in the Review that red lead and linseed oil is the best preventive of rust, and if the color is an objection add some lamp black, which I suppose will make the pipes black. Beneath benches and side walls this is doubtless the best thing you can do, and something should be put on them wherever they are, for rust they will. This very day we have had to replace several lengths of 1¼-inch pipe that were eaten through with rust, and that were put in seven years ago. There was a drip on this coil and it rusted badly. Mr. Gibbons also adds that the lead and oil will make no difference in radiation of heat given out through the coils. In that I think he is very sound.

Now white is a very much better color (if color it can be called) for the interior of a greenhouse, and in the new system of building, where a whole block of houses has no partitions in it, it is often convenient to have part of the steam pipes supported or hung on the iron posts that support the gutters. To paint those pipes, which are perhaps two or three feet from the ground, either red or black, would, I think, be a detriment and not nearly so pleasant to the eye or conducive to a light house as painting them white. It is light we are after, no matter whether it comes from the north, south, east or west.

Notice the difference between a house where the bars have recently had a coat of white lead and a house that has not had an interior coat for three or four years. I have several houses heated by hot water where the flow is a 2-inch pipe running near the wall plate. I gave them two coats of white lead and linseed oil directly after they were put up. After seven or eight years they are clean and bright, with not the slightest trace of rust, and as for radiation, I am sure they get as hot as it is possible to make them with the heater and fuel behind them.

Now I am out to learn from Mr. Gibbons, and I want to know why white lead and oil will not do for all pipes that are seen. I have 18,000 feet of 1-inch pipe waiting for Mr. Gibbons' advice, but I don't want them either red or black. If not white, then I would rather paint them the color of grass when covered with snow, which is "invisible green." W. S.

Replying to W. S., there is no very serious objection to painting the pipes which are not exposed to the drip from the benches or other excessive moisture with white lead. The white lead will, of course, retard radiation slightly, but the loss in this respect is probably counteracted by the gain of reflection. If the pipes are subject to corrosion they should first have a coat of red lead, then a coat of white for appearance's sake. Henry W. Gibbons.
New York.

NATURAL GAS FOR FUEL.

Which would you consider the most economical fuel—Pittsburg bituminous coal at $3 per ton, or natural gas at 25 cents per 1,000 feet? My place contains about 7,000 square feet of glass and is heated by two Hitchings No. 17 hot water heaters. B. F. E.

The bituminous coal at the price mentioned equals natural gas at about 21 cents per 1,000 feet. We would think it desirable from every point of view for your correspondent to use the gas. With gas there is no stoking, no soot, no ashes, and it saves practically three-fourths the time ordinarily required where soft coal is used.

Natural gas is a luxury and at price named would certainly advise its use. Would advise consulting some gas expert as to best type of burner, for it makes a great difference in the bills where a scientific burner is used. E. G. H.

BUSINESS METHODS FOR BUSY FLORISTS.

XI.

Expansion.

This is something we heard a great deal of a few years since in a political way. In reality a new word was coined in the heat of political discussion, or a broader, larger meaning given to an old word. It obtained a national meaning and in a measure set every one thinking about expanding his business, his income or his expenditures.

Those who are older in the florist business than the writer have seen a wonderful expansion in the business during the past twenty-five years. Even during the last decade business has doubled, and still there seems room for much more. At what rate can this expansion go on and when should a halt be called. That is one of the hardest questions confronting the trade today. For the most part local conditions will determine the answer to each individual in the business, but a few cardinal rules should be observed before plunging into new projects too hastily.

If you are a grower and your business is prosperous, as we have a right to suppose, and your annual profits amount to 10 per cent of your invested capital, you should not hesitate to invest more in your chosen vocation. If your trade is growing in proportion to your income all of your yearly profits over your living expenses can be safely used in expansion by building more houses.

Right here the question of borrowing money to conduct your business comes in. When business is prosperous and times are good money is easy to obtain and rates of interest are usually lower. Oftentimes money can be borrowed and used to good advantage. But if you are out of debt don't borrow more than 10 per cent of your invested capital. This will enable you to pay it all within a year. If you are in debt, rather try to decrease it than to increase it. If your business has not been profitable or has not paid you 10 per cent, don't borrow more money, for if you can't make a profit on your own capital it isn't likely that you can on some one else's.

Keep within the limit, don't expand more rapidly than your business will warrant. I know that many large firms have built up a big business on borrowed capital, but unless your profits are unusually large don't attempt it. It is too risky for yourself as well as the other fellow. A business built from the ground up on your own money and brains is much more likely to stay by you than if you built it upon borrowed capital. The man with money can always make money during times of depression, and the man who borrows will lose during such times.

House of Palms at the Establishment of the Geo. Wittbold Co., Edgebrook, Chicago.

You can expand your trade by advertising judiciously, which as I stated in a former article means more than simply writing an advertisement for a newspaper. To be effective it must be followed up by good goods and close and careful attention to orders. I would not discourage or deter any young man from engaging in business without capital, but be on the safe side at all times and do not borrow more than you can repay in a year's time.

Nearly all large concerns have built up their business from small beginnings, and what they have done you can do by perseverance, pluck and industry. We often hear that "it takes money to make money." This is true in a restricted sense only. Brains make money, brawn will make as much as brute strength can command in the market, but brains will organize labor and capital and make more, many times over, than either one could alone.

I would lay down these rules for all in the business or about to engage in the business to follow:

Expand your business in proportion to your profits.

Never borrow money to expand your business unless your annual profits are at least double the rate of interest you have to pay.

Never expand your business unless it shows a good annual profit.

Never borrow more than 10 per cent. of the amount invested in the business.

If for any reason you cannot comply with these rules you had better go out of business. Any business that shows an annual increase of 10 per cent. or more is prosperous.

Expansion is the keynote to modern business, but conservatism is the balance wheel that carries it over the hard places. SYSTEM.

CORRESPONDENTS, please note that a quotation "per bunch" does not convey any information unless it is specified how many the bunch contains. It is better to make all such quotations by the hundred as bunches vary so in size in the different markets.

PHILADELPHIA.

The Flower Market.

The first annual meeting was held on Thursday evening, October 16, in Horticultural Hall, President Lonsdale in the chair. The by-laws were taken up first and gone over with care. One amendment and some changes were proposed, but after discussion it was decided that no changes or additions be made, the whole being adopted as presented. The charter, handsomely engraved, was exhibited with the seal of the commonwealth and the signature of the governor attached.

The election of directors resulted in the choice of David Bearn, W. P. Craig, H. C. Geiger, W. K. Harris, Joseph Heacock, Edwin Lonsdale, R. G. Palmer, H. G. Tull and J. W. Young. The tellers were Robert Craig and George Anderson. It was a great pleasure to see the former again looking well and hearty. It was decided to let the directors themselves draw lots for their terms of office, and to hold an opening reception on ladies' night in the new market.

Next day the directors' terms were decided as follows: To serve for three years, H. C. Geiger, W. K. Harris, Joseph Heacock; for two years, David Bearn, Herbert G. Tull, J. W. Young; for one year, W. P. Craig, Edwin Lonsdale, R. G. Palmer. The officers chosen for the ensuing year were: President, Joseph Heacock; vice-president, William K. Harris; secretary, Edwin Lonsdale. The treasurer will be elected later.

Arrangements will rapidly be made to have everything in shape by Thursday evening, October 30, when every florist is expected to come to the third floor of 1224 Cherry street, and to bring his family or his sweetheart with him to the great party. If by any accident you don't get an invitation, just buttonhole W. K. Harris, W. P. Craig or C. E. Meehan before the day arrives and they will make it all right.

The President.

Joseph Heacock, who has been elected market president for the first year, is one of our foremost growers, a man whose ability and integrity have won him respect everywhere and whose bright, cheery nature has won him a host of friends. He is an earnest worker, having put an amount of hard work on this enterprise that few men who are as busy as he is could or would have done.

Mr. Heacock started in business as a florist about fifteen years ago, making carnations a specialty. Later he added roses, and a few years ago palms. Today his specialties are Beauties and palms and his place is famous as one of the best and most prosperous near this city. Under such a president the market's success is assured.

The Manager's Trip.

Charles E. Meehan, the manager of the new flower market, who spent a couple of days last week looking at the flower markets of New York and Boston, was greatly pleased with his trip. He was especially enthusiastic about Boston. He and his friends were so kindly received by all the Boston growers that they felt at home at once. Business in the Boston market was rushing and stuff pretty well cleaned up and the growers away by 8:30 a. m. Many features of interest were noted.

The rest of the day was spent among the growers. At the Waban Conservatories a great house, 700 feet long, or more, full of superb Brides and Maids, was admired. At W. H. Elliott's the lofty asparagus house, 40 feet high, and a Liberty house, 140x30 feet, just cut back, which has proved a little mint during the past season, were objects of especial interest. The last place visited was William Nicholson's, at Framingham, where fine carnations were a feature. The glad hand and good stuff go a long way toward making a trip pleasant.

The Coal Question.

The florists of this section of the country owe to President Roosevelt a deep debt of gratitude for his efforts, which have finally ended the great anthracite coal strike, that, as nearly all the resolutions passed by the S. A. F. O. H. put it, threatened the very life of our business.

Coal will come down to us slowly, with the strong probability of many vexatious delays, but there is every reason to believe that the coal can be had at but little advance over last season's rates.

It is confidently predicted that some of our growers will not return to anthracite coal. It is understood that the Dreer place, at Riverton, will give bituminous coal a full years' trial and test.

Notes.

S. S. Pennock received some fine Mrs. Robinson chrysanthemums this week. Weber, Halliday and DeWitt are all sending him fine October Sunshine.

The Pennsylvania Horticultural Society meeting was held on Tuesday. Preparations for next month's show are being actively pushed.

Adolph Fahrenwald is sending in some special Beauties and Liberties to Leo Niessen.

Eugene Bernheimer is handling a handsome yellow chrysanthemum called "October Sunrise." Also fancy Edgelys and Beauties.

Wm. J. Baker is receiving some fine

chrysanthemums in variety. Also smilax in quantity, extra heavy strings.

The election of Joseph Heacock as president of the Flower Market was a fitting recognition of three months' earnest work bringing the growers together.

A. J. Pennock is sending some very fine valley to his brother, S. S. Pennock.

Leo Niessen is receiving some fine valley from the greenhouses of Walter P. Sloan, C. G. Papsch, manager, Moorestown, N. J.

The genial Robert Lockerbie is now on the road for G. C. Watson. PHIL.

BUFFALO.

The weather keeps mild and that's a blessing for all of us. The great struggle seems temporarily patched up but that does not heal the wounds that have been made, and it must be weeks before we can buy fuel at even a high normal price. Still the fact that there is a distant prospect of fuel feels as if a two-ton weight was taken off our heads.

Demand for flowers of all kinds is good. Plenty of white and pink chrysanthemums, but a really good yellow is much needed. J. K. Shaw is a fine pink just about in; Glory of the Pacific is very early but the buyers don't like its dull, heavy color. If Robert Halliday could be brought in by the 10th it would be a great acquisition. The 20th of this month is about as early as we can cut it. Like the man it is named after, it is grand in every way except that it has not the elongation, and "Bob" has none of the rich yellow color in his makeup. Ten times as many carnations could be sold were they to be had. Lawson and Dorothy have produced the best flowers up to date and Marquis is giving us fine flowers. Violets are asked for continually and the supply is short and quality poor.

Mrs. C. Schoenhut (nee Nusbaum) has added to her establishment and erected two houses adjacent to her store on the corner of William and Jefferson streets. This is the heart of the east side business district and Mrs. Schoenhut does a very large business among the Americanized continental Europeans. The houses will be in charge of Carl Reish, famous as a good worker and expert left-handed bowler.

We were dreadfully disappointed on returning to civilization last night to hear that Mr. and Mrs. Anton Then of Chicago had called on us and we had missed them. Now then, that's too bad. Then is when we missed you. Then, when shall we see you? Perhaps at Milwaukee. I hope then, but then you can't tell. But if then, then there will be a glorious time.

I will never forget the hour (more or less) spent with Mr. Anton Then and Mr. Fritz Bahr at Indianapolis. It was just after the banquet. We were at peace with all the world. The coal strike had not begun and the time table was not of particular interest and our better halves were far, far away and outside telephone communication. The subject of our animated conversation was the close affinity of the higher horticultural minds with the beauties of human nature. "Toot, toot."

Chicago lays claim to both these jolly men but they should travel. When well wound up and in good nature, as I believe they only can be, Weber and Fields is tiresome and insipid in comparison. As a cure for the blues or dyspepsia they are better than all the medicine or mineral springs in the world, and their humor is honestly natural, and that's what makes it so enjoyable. I shall be glad again to hear that musical "toot, toot" for "Then" I will be happy.

The first annual convention of the Chrysanthemum Society of America at Chicago should be an unqualified success. This land is big enough and broad enough and the gorgeous autumn queen is admired by millions of our people and specialized by hundreds of expert growers. As with the carnation this continent (for that word includes Timothy Eaton and Mr. Miller) since the awakening to popular favor of the chrysanthemum some fifteen years ago, has raised more really good varieties in the same time than the experts of Europe—that is the varieties possessing more first class qualities. I think our October weather is better than they have in the British Isles. Ivory has immortalized Mr. W. K. Harris more even than his crack marksmanship, and a dozen American varieties could be mentioned that stand now as the ideal in their colors and season.

The Chrysanthemum Society has dragged out a precarious existence, being sorely afflicted with somnia most of the time, and all because there was not a national exhibition. What would our Carnation Society be without its annual exhibition—nothing worth talking about. I fancy the Chrysanthemum Society has launched out in just the right channel. This year at Chicago, next year at New York, next year at—but there, I had better stop. There are, however, twenty cities that should be too glad to have the convention, for it would be the making of their local exhibitions. Whether this glorious consummation will be realized will largely depend on the degree of patronage both with exhibits and personal attendance of members at Chicago.

The convention does not clash with Madison Square, and whatever may be contemporary in time should not be any excuse for the non-attendance of those who grow and love the bounteous, curly headed beauties that so gladden our hearts at this lovely season of the year. The officers of the Chrysanthemum Society of America have worked hard and earnestly to bring out a great exhibition and they have been more than liberally supported by the Horticultural Society of Chicago, which has come forward handsomely with its proverbial open-hearted hospitality and enterprise. Let us all go and give this great exhibit a fitting send-off and gladden the hearts of the men who have shouldered a lot of hard work and responsibility.

W. S.

PITTSBURG.

We have had a week of very fair weather, consequently the supply has increased very much. Prices have slid down a few points. Roses are of better quality, especially Maids, which are exceptionally good. The supply of Beauties has not increased and prices have advanced on them a little.

Varieties in chrysanthemums are increasing. Merry Monarch, Amelia Henderson, Robinson, October Sunshine, Robt. Halliday, G. S. Kalb, Lady Harriet and Mme. F. Bergmann, are arriving in quantities. The very best blooms sell at $15.00 per 100 and as low as $6.00 for the smaller ones; culls are not salable at any figure. Smilax, Sprengeri and asparagus have all been much in demand.

The supply of carnations in pink exceeds the demand and lots of 1,000 were sold at $10.00, while white are still short in supply and the lower class of white roses are used as a substitute. Some good Crocker and Prosperity are in evidence; these are bought up quickly.

The best roses the writer has seen so far this season were shipped by Fred Burki from his Bakerstown plant. The Maids and Brides are worthy of mention. Mr. Burki says he consigns all his cut to the Pittsburg Cut Flower Co.

Charles T. Siebert, the carnation specialist, is sending in quantities of chrysanthemums.

A. W. Smith, the Sixth avenue florist, is doing considerable decorating. Mr. Smith, Jr., reports business good and a long list of advance orders.

At L. I. Neff's Sixth street store one can always find Mr. L. I. busy. A general collection of beautiful ferns and small plants grown at his Aspinwall houses adorn his windows. He reports business good and says his branch stores (of which he has four) are all doing good business.

The new florists in Allegheny, Struff & Neigel, are well pleased with their business.

The Pittsburg Cut Flower Co. has sent out a very neat catalogue of florists' supplies.

C. K. Hoffmeyer, of Carnegie, met with a very painful accident last week. While cutting down a canna he struck his foot with the scythe. He is badly disabled.

Mr. Jacob Beckert, of the old firm of Beckert Bros., the early pioncers of the seed and plant business in this city, died last week at his home, Mount Troy.

Hoo-Hoo.

SAN FRANCISCO.

Business is very good at this date and has been for some time past with the outlook very bright for the coming holidays. The queen of autumn, the chrysanthemum, is with us in all her glory, every store in town making a most beautiful display of this stately flower. The Chinese growers are bringing in large quantities of outside chrysanthemums that go at 10 to 50 cents per dozen. Fine Queens, S. Sievers and Bonnaffons, inside grown, are selling at $1 to $2 per dozen. Violets are very fine in quality and plentiful, and are bought up eagerly. Carnations have been very scarce for some time past but are now coming in more plentifully. Roses are only middling in quality but no doubt will improve as the season advances. Cosmos and dahlias are in abundant supply and are taking the place of asters as a cheap flower. The weather continues as usual —delightful. Our first rain came on October 11 and merely laid the dust.

Mr. Charles Kruse, Piedmont, Cal., has returned from the Klondike after an absence of four years. At one time Mr. Kruse was reported to have died while up north, but Charlie's sudden appearance in town a few weeks ago has knocked that rumor right in the head. A partnership has been formed between Mr. Kruse and the present caretaker, Mr. Hugh B. MacGowan. They will grow roses and maidenhair fern.

Sievers & Boland have opened a branch store in the Palace Hotel building under the able management of Mr. L. Costa.

The Pacific Coast Horticultural So-

House of Boston Ferns at the New Establishment of the Geo. Wittbold Co., Edgebrook, Chicago.

ciety held its annual election of officers October 11 at the Mission Opera House. The officers elected are as follows: President, Hans Plath; vice president, Thomas A. Monro; recording secretary, Charles Mitchell; financial secretary, Milton Borkheim; treasurer, Fred Elias; librarian, Hugo H. Lilienthal; ushers, M. Waddington and L. Mayer; trustee for three year term, W. A. H. Krabbenhoft. The society will give a complimentary chrysanthemum show Saturday evening, November 1, in the Mission Opera House. All applications for space should be made to Thomas A. Monro, 1701 Oak street, San Francisco.

The florist clerks of San Francisco have formed a union under the title of the "San Francisco Florists' Protective Union," with headquarters at Pythian Castle, 909 Market street, San Francisco. The union has received its charter from the Federation of Labor. It is about time the clerks banded together for a betterment of their condition in life; $1.50 to $2 per day for a day's labor of fourteen to fifteen hours seems to me to be the rankest kind of slavery. It may not be out of place to mention right here that the street sweepers of San Francisco are receiving $2.50 per day of eight hours. I can't see where there is much art in street sweeping unless it be sweeping around the lamp posts.

Mrs. L. Matrica, wife of Mr. V. Matrica, the Powell street florist, committed suicide on October 13 by drinking carbolic acid. J. N.

ST. LOUIS.

Florist Club Meeting.

A very pleasant, interesting and well-attended meeting of the St. Louis Florists' Club was held last Thursday afternoon, October 16, in the Odd Fellows' building.

President Dunford was in the chair and fourteen members were present when the meeting was called to order at 3 o'clock.

Mr. Jablonsky offered a resolution changing the time of meeting from 3 to 2 o'clock, which was read for the first time.

The trustees outlined the yearly programme of essays. The members proposed some changes in the programme, which, after completion, will be given to the press before the next meeting of the club.

It was proposed that at the next meeting the club should hold its annual chrysanthemum exhibition in the club rooms. Ten dollars in prizes is offered for the best three vases—$5 for the first, $3 for the second and $2 for the third. This is open for all. Any grower who has anything new to offer in this line would do well to send a few blooms for exhibition. The date of the exhibition is Thursday, November 13, at 3 o'clock p. m.

The St. Louis Carnation Co. exhibited a vase of well-grown new carnations, among which were Governor Wolcott, Dorothy, Higinbotham, Dorothy Whitney, Roosevelt, Melba, Enquirer, Apollo, Prosperity, Stella, Alba and Queen Louise. They were very fine and attracted much attention. A vase of the new carnation, Enchantress, was much admired.

Dr. A. S. Halstedt showed a few well-grown blooms of Queen of Edgely roses, also a few American Beauties, illustrating that these roses can be grown successfully in Belleville. Fred Ammann and Otto Koenig were the judges.

After reading the questions from the box the meeting adjourned until Thursday afternoon, November 13, at 3 o'clock.

Retail Trade.

Trade for the past week has been good as far as funeral work is concerned, but rather dull in other branches and does not show any marked improvement on the week previous.

Chrysanthemums are coming in more freely each day, and the prices on roses and carnations have taken a drop. It seems that everybody wants chrysanthemums for his show windows and will hardly look at roses and carnations, except when he has an order for them.

There are plenty of first-class roses in the market just now, such as Brides, Maids, Meteors, Gates, Perles and Wootton, which are all of good quality, but are selling slowly. Chrysanthemums are also beginning to take a drop in prices and are selling cheap in 100 lots. Carnations, too, are feeling the effects of the mums. Plenty of them of fine quality are in the market, white and light pink being the best sellers.

The florists' windows are making a great show of fine cosmos, which are a great glut and many of them are dumped.

Violets and valley had a good call the past week. Should this warm, pleasant weather continue the cut flower market will suffer from the effects of it.

As we will have no show this year there is a plan on foot for a dozen or more florists to make a trip to Chicago and Kansas City during the shows at those places. Mr. Ellis has the trip in charge and anyone wishing to go can make application to him. The trip will be a pleasant one and all those who can should go as a certain number of passengers are required in order to get low rates.

Mrs. Palagie Saucier, a descendant of one of the oldest French families, died last Thursday. She was the mother-in-law of Alexander Waldbart, the florist. The funeral services were held Sunday at Mr. Waldbart's residence, 3542 Lawton avenue. Many beautiful floral offerings were sent.

Table Decorations.

On Monday four florists competed for prizes to be given for the best table decorations, at Simmons Hardware Co.'s retail store, using the company's china and crystal ware.

Ostertag Bros.' table was made up with electrical effect and pink was the prevailing color.

Chas. L. Connon's table was called the "Golden Wedding." Nothing but yellow chrysanthemums were used.

Ellison & Tesson's was made up mostly of orchids and crystal vases were used to good effect.

Mrs. M. M. Ayers used mostly roses and orchids, with electrical effect, which was much admired by the large crowd in attendance.

World's Fair.

Mrs. H. McCall Travis, of Kalamazoo, Mich., is in town to meet the board of lady managers in regards to a floral spectacle during the World's Fair. Mrs. Travis has letters of recommendation from the presidents and officers of the Pan-American, Charleston, Atlanta, Nashville and California Expositions. No expense of any kind to be incurred by the exposition or board of lady managers. The matter will be placed before the board at its meeting, to be held on November 17, at the residence of Miss Helen Gould, in New York. J. J. B.

CINCINNATI.

The Market.

The bright weather has swelled the supply of stock, especially roses, which at the present time are very near a glut. There are more Beauties now than at any time so far this season, but even yet there are but few long-stemmed ones, the majority being below twenty inches in length. Brides and Bridesmaids are still mostly confined to the first and second classes, there being

only a few that can be called extras or select.

Liberties and Meteors sell well and are in good supply. The Liberties are much improved in quality, and with the advent of colder weather, better prices will be obtained for them. A great many short-stemmed and medium Golden Gates are coming in, and as they are fine to use in design work, they sell very well.

Of course chrysanthemums take the lead at present and they are doing very well in this market this season. The prices obtained for them are fully equal to those of last year, and more are being handled. Some of poor quality have to be sacrificed in order to move them, but quality counts here as in everything else in the florists' trade. The mid-season varieties are just beginning to be cut. Many of the mums that are being cut at present are scarcely ready, but as there is a demand for them, prices are the same as for fully matured flowers.

There is a demand for violets now, but only a few are coming in and the quality is poor. Good violets would now bring a good price.

There was a chrysanthemum before the Chrysanthemum committee on Saturday, which originated with Harry Altick, of Dayton, O. It is a white sport of Glory of the Pacific, very similar to Polly Rose, but more built up in the center and the foliage is more evenly distributed along the stem. It scored high enough to secure a certificate. It is named "Estelle."

Two new wholesale cut flower houses will be opened for business next Monday morning. One will be conducted by Wm. Murphy, who, owing to the large increase in his business the past season, has been obliged to seek more commodious quarters, and hereafter will be found at 130 East Third street, where he will have better facilities for handling his shipping trade. The other will be under the management of Louis Kysk, who is at present the manager of the cut flower business of J. M. McCullough's Sons. Al. Heckmann, of Covington, Ky., will succeed Mr. Kysk at McCullough's.

A recent visit to Mr. B. P. Critchell's establishment showed some of the finest mums I have seen this season. Although not yet ready to cut, the blooms of the mid-season varieties were very large, and with a few days' time will make A1 blooms. Glory of the Pacific, Robinson, Henderson and O. P. Bassett were all in equally fine condition. In later varieties Murdock and Appleton are showing up fine. Mr. Critchell also grows much small stock for bedding, besides palms, ferns, etc. Mr. Wm. Dailey is the grower, and the fine condition of the stock is a tribute to his ability.

Mr. H. M. Altick, Dayton, O., was a visitor.

C. J. Ohmer.

NEW YORK.

Among the Retailers.

David Clark's Sons are now fully settled in their new home, 2139 Broadway, and room and facilities for retail work are unequalled. There is room for everything now, including a handsome suite of offices. The appointments are all perfect, the electric effects striking, and the space for inside decoration well employed. The greenhouses further up the avenue will be retained another year. Mr. Marshall Clark is about as well as ever after his severe fight with appendicitis.

Jas. McGarrett, for the last ten years with John N. Hauser, of Madison avenue and Fifty-sixth street, and formerly with Alex. McConnell, Chas. Thorley and Walter Reid, has resigned his position on account of ill health. His son George has been with Mr. McConnell for fourteen years. The decoration of All Souls church was made by this house for the wedding of Miss Maud Furness, the actress, to Alex. Dow, the millionaire, last Wednesday morning.

Hanft Bros., of 615 Madison avenue, have done some very effective decorative work lately. At the Post-Gallatin wedding at Bayport, L. I., a carload of palms and flowers was used. The church was beautiful with white roses. The bride's shower bouquet was made of Kaiserin and lily of the valley; the bridesmaids' bouquets of Testout roses. On the 15th they had the Brooks-Sawyer wedding at South Nyack, the flowers used being Bridesmaid roses and white chrysanthemums, and on November 18 they have an elaborate affair, the wedding of the daughter of A. P. Fitch, ex-Comptroller and president of the American Trust Company. For the Colonel Dupont funeral at Mont Chain, Del., they sent a handsome casket cover of violets and orchids, a cross of white roses and lily of the valley and a 36-inch wreath of valley and orchids.

H. Warrendorff, of 635 Madison avenue, will open his new store in the Ausonia Apartment Hotel on December 1, Seventy-fourth street and Broadway. There will be two palm gardens in this greatest of apartment hostelries, one on the ground floor and one on the sixteenth floor, under his care, and the store is to be he says, "the most elegantly appointed shop in the city."

The "Fernery," on Thirty-third street, west, opposite the Waldorf-Astoria, is owned and managed by two young ladies who have made a wonderful success. They have some of the first families of the city among their patrons. They have added an "afternoon tea" department to their store, which is unique and remunerative, and their prosperity is a demonstration of the possibilities of the "woman in floriculture" that is more than creditable.

The two great weddings during the last few days by Thorley have been the Norton wedding on Staten Island and the Gager-Strong wedding. At the latter over 7,000 American Beauties were used in the decoration.

Scallen's new store at 1259 Broadway is now entirely devoted to the business and the change from the other side of the street seems to have been a wise move. The window decorations here are always striking and novel.

McIntosh, of 1192 Broadway, had the Hageman-Hunting wedding last week at the Church of the Heavenly Rest and the breakfast and reception decorations at the Victoria Hotel. An immense automobile of orchids and valley in his window was very attractive, and at all times his windows are artistic.

Small's electric window effects are again in evidence. Farleyense and purple cosmos made a beautiful window last week. Cibotium and Boston ferns are lavishly used here and autumn leaves and eulalia are utilized in producing charming effects.

Thos. Young, Jr., has his retail stores on Sixth avenue and Fifty-eighth street, and on West Twenty-eighth street in full swing and both elaborately lighted and stocked with the best in the market. Louis Rossow, formerly manager and secretary of the Fleishmann Co., and prior to that bookkeeper for Thorley, is manager of the Fifty-eighth street store, and William Hanft is associated with him.

At George Stumpp's I found everything in grand order for an anticipated season of the usual success, and a fine stock of palms and ferns of recent importation and purchase from the best home markets. The illustration of the banquet given to Prince Henry in your issue of this date indicates the class of work done by Mr. Stumpp and his efficient staff, the original designer being Mr. Frank Schlotzhaver, who has been thirteen years in Mr. Stumpp's service.

The Auctions.

The auction season is in full blast, but the "congregations" are hardly up to those of other years, nor the prices equal to the old time average. Sanders' orchid sale was fairly well attended and good prices were realized.

Elliott has been disposing of a lot of palms and ficuses and other plants, and some rare bargains have been picked up. His sale of Scott's stock in Brooklyn Monday was a sacrifice. Buyers were few and largely from Brooklyn, Mallon, Phillips and Tielman being the principal retailers present. Mr. Scott had some fine Bostons, pandanus, kentias and ferns "on tap," but the sale was characterized by Mr. Elliott as "the worst of the season" in the way of realized values.

Brooklyn Horticultural Society.

Monday night at 502 Fulton street the regular meeting of the Brooklyn Horticultural Society was held, and an attendance of about forty members attested the interest already being taken in the February carnation convention. Mr. C. W. Ward, the president, was in the chair.

The membership now numbers fifty-four, and the subscriptions amount to nearly $1,200. A very fine exhibition of over seventy-five varieties of dahlias was made by H. Beaulieu, of Woodhaven, and a committee, composed of Messrs. Hicks, Crawbuck and Langjahr, reported the exhibit "a most creditable one, especially the seedlings," and suggested a vote of thanks, which was unanimously carried.

Mr. Bunyard, manager of the New York exhibition, presented its claim to the society and received assurance of its practical interest.

Mr. W. H. Barnes, secretary of the Kansas State Horticultural Society, and a veteran of the civil war, on his way home from Washington, was present and gave a very interesting address. He spoke of the forty local county horticultural societies of Kansas, and the great work they were doing in every part of that wonderful state. He was born in Brooklyn and has many prominent relatives in the city. Has lived in Kansas twenty-two years.

The Germania Club was suggested for the convention banquet, with 300 diners as the basis, and no limit as to the number who would be expected and welcome.

Members were appointed by the president for the ways and means, member-

ship, exhibition, entertainment and finance committees, and the monthly meetings provided for.

Much unanimity was evident in the general desire to make the convention a brilliant success, and about every prominent member of the society accepted a place on the committees.

Items.

Ernst Asmus has fully recovered from his hunting experience with the moose, in which his arm and hand were injured. The rumor that the injury came from lifting a plebeian box of bulbs is therefore without foundation.

Today a few of Mr. Asmus' friends will inspect his new and wonderful house of Beauties, 350 by 54 feet, and next week we will try to tell you more about it.

The catalogue title page of the exhibition is a gem and the whole show gives premise of results that will cause it to excel anything of the kind every attempted in this country, Kansas City not excepted. The 30th of this month will see everything in readiness for the opening and next week we can tell you more about it.

B. S. Slinn, Jr., in the Coogan building, is handling 10,000 violets daily already and will soon increase this to an average of 20,000. In addition to this, 5,000 single violets daily, and swainsona as a specialty, of which in its season he probably handles the largest quantity in the market.

J. K. Allen is handling daily a grand stock of Maids and Brides. His store has been brightened up for the anticipated rush, which cannot be long delayed.

Ghormley's store was so crowded with mums on Saturday there was hardly room for customers. Violets are coming in, 20,000 a day. Cowee's gladioli are spoken for already for 1903.

Bradshaw & Hartman report a glut of out door grown mums and carnations, with short smilax abundant, but plant trade is booming and prospects encouraging in their new holly enterprise. The "street" wondered at the procession of strangers here all day Saturday, until the fact appeared that "registration" of the political strata was going on.

Ed. Horan moves this week to his new store at 55 West Twenty-eighth street.

Stumpp & Walter Co. show a grand assortment of all the standard varieties of apples from the nursery of Stephen Hoyt's Sons, of Connecticut, at their Barclay street store this week. This firm is developing an extensive nursery trade, in addition to its other lines. Their bulb shipments have been immense this season.

J. & W. Leach, of Astoria, grow about 30,000 mums and 40,000 lilies yearly, the entire output of their houses being handled by James McManus, of West Thirtieth street. Wesley B. Leach, of the firm, is now with Mr. McManus.

Window boxes of evergreens have become immensely popular here, and they may be seen on every prominent street. The effect is excellent, and the general use of this method of winter decoration of houses is commended to all the large cities.

The "comfortable feeling" among the growers is increasing since the culmination of the coal strike has been announced. Already the prices have fallen to almost respectable figures, and another week will doubtless find the condition of things normal. With oil burners, peat and "many inventions" which must result from the ordeal through which the long suffering florist has just passed, it is doubtful if ever the trade will be caught napping again.

Dunne & Co. have a factory now "up the state," where they manufacture the immense quantities of rustic work for which they are already famous. Mr. Dunne is a designer of great experience and merit. The increase in trade necessitates an added store house in the city, which will soon be occupied.

S. Jacobs & Sons, of 1365 Flushing avenue, Brooklyn, have had a phenomenal sale of greenhouse glass this fall.

Chas. Millang's greenhouse is about completed. It is "built to stay," by the looks of it, and Mr. Millang expects to do a fine wholesale plant business this winter.

Jas. B. Kidd, who has been with Elliott during the past two years, has accepted a position as traveling representative of the Cox Seed Co., of San Francisco.

Papa Zeller is not as well as usual this fall and is obliged to conserve his strength, but manages to visit the "alleys" occasionally and gives a little time to his favorite "budding" every day.

Bowling.

The bowlers have not yet awakened for the season, and only four were on hand on the regular night. The scores follow:

Lang	174	171	160	505
Traendly	132	192	148	472
Hansen	149	151	173	473
Bowman	142	126	139	407

J. Austin Shaw.

Seed Trade News.

The outlook for supplies for next season is certainly not very encouraging. Referring to the situation, Messrs. W. Atlee Burpee & Co., Philadelphia, say: "It now looks as if wax beans are going to be very short, while green pods will not be in much better supply. All early sweet corn is very short and there is a perfect famine in cucumber seed. There is certainly not going to be sufficient cucumber seed to see the trade through the season. Onion seed of some varieties is only half a crop. Many varieties of peas are less than half a crop and in some cases the growers will not get back their seed stock. All vine seeds are exceedingly scarce, especially muskmelons. While watermelons are in better supply, there is still quite a scarcity on some varieties. Squash and pumpkins are both going to be very scarce, especially the winter varieties of squashes."

J. J. Bell, of Deposit, N. Y., reports under date of Oct. 18: "Last season was exceptionally good for seed trade. The coming season seems to promise well. Yield of all flower seed here is about an average crop. Pansies produced scarcely no seed till September; since then they are seeding well. Asters are producing a better crop than usual. Verbenas and many others will be short with us this season. Europe has been the main source for flower seed, yet it seems that this industry might be developed in this country, as all common flowers seed well in this and many other localities. Flowers look well throughout the country, and the displays at fairs are much better than usual. Never saw dahlias as good as this season; they seem to enjoy the wet."

Boston.—Mr. W. W. Rawson, who has carried on a seed business in this city for many years, under the firm name of W. W. Rawson & Co., has admitted to partnership his son, Herbert W. Rawson, who has been actively interested in the business for the past five years, and Harry E. Fiske, who has been with the firm fourteen years and has been manager for the past nine years. Mr. Rawson continues the market gardening business at Arlington as before. The flowers, plants, shrubs and hardy perennials are now to be handled in connection with the seed store.

The Alfred J. Brown Seed Co., Grand Rapids, Mich., says that the bad weather during the bean harvest will cut the crop short to a large extent. They believe that in their section one-third, and possibly more, of the acreage was entirely lost. Only early maturing crops were saved. All others were more or less damaged, while in many cases the fields will never be harvested at all. The incessant downpour of rain night and day for nearly two weeks simply rotted the beans in the field. All the growers could do was to wait for better weather, which did not come till it was too late and the crops were ruined.

The seed business conducted by H. L. Holmes at Harrisburg, Pa., has been succeeded by the Holmes Seed Co., incorporated Sept. 19, 1902, under the laws of Pennsylvania, with a capital of $50,000. Officers: George A. Gorgas, president; H. L. Holmes, vice president and general manager; E. E. Beidleman, secretary; E. Z. Gross, treasurer; Chas. S. Boll, R. C. Neal, Sr., and B. F. Myers, directors. The new firm expects to increase its business largely, both wholesale and retail.

St. Paul.—L. L. May & Co. have placed new cleaning machinery in their warehouse, put up additional elevators and erected a two-hundred-bushel bin on the roof of their Como avenue warehouse.

Goodrich, Me.—The Baylis Seed Co. has purchased the Turner farm and will make a number of improvements. They will also build an addition to their already commodious potato house.

Salt Lake City.—Bailey & Sons say the crop of alfalfa is very short here this year, and that wheat is being rapidly shipped to Colorado and Texas.

Mr. Robert Buist, the Philadelphia seedsman, has been ill with typhoid fever at the Marlborough Hotel, Atlantic City, N. J., since Aug. 28, but is now convalescent.

Columbus, Fla.—The Columbus Seed & Implement Company has been incorporated with a capital stock of $10,000. J. T. Davis, Jr., is president.

Santa Clara, Cal.—The Morse Seed Co. has leased 800 acres of the Martin estate near Gilroy to extend their seed production.

There is a heavy and increased demand for raffia, both natural and colored. It is used to make baskets and other fancy articles, and even ladies' hats are made of it. The fad seems to have taken root over the entire country, to judge by the widely separated localities from which the orders come.

The LATEST IDEAS IN RIBBONS

Samuel S. Pennock,

Open from 7:30 a. m. to 8:00 p. m.

1612-14-16-18 LUDLOW STREET, PHILADELPHIA, PA.

The LATEST IDEAS IN RIBBONS

Mention The Review when you write.

CHICAGO.

At the annual meeting of the Florists' Club held Wednesday night officers for the ensuing year were elected as follows: J. D. Thompson, president; J. S. Wilson, vice president; G. W. Wienhoeber, secretary; Alex Henderson, financial secretary; Edgar Sanders, treasurer; F. F. Benthey, George Woodward, J. P. Risch, P. Foley and W. Kreitling, trustees. The treasurer's report showed a balance of $247.50.

The conclusion of the coal strike is certainly something to be thankful for. And the prediction that prices will be down to the old time level within a few weeks ought to be based upon fact.

The chrysanthemum growers are having a few troubles of their own this year. Prices are considerably lower than at same date last year. It has been customary to charge the chrysanthemum with being the cause of low prices for other flowers at this season. Now it is held that the great abundance of other flowers in the market is lessening the call for the mum. But probably the real reason is the unusually warm October weather. The large flower buyers are still playing golf or automobiling. As soon as the coal supply and prices are normal some winter weather would be a big help to trade.

We are fond of the perfume of violets. Seeing some on a wholesaler's counter this week we took a whiff. We didn't want any more. The odor was vile. It was so characteristic we knew at once what had happened. The blooms had been packed in boxes that had contained those moth balls that smell so villainously. It seems incredible that anyone would use such a box for packing violets in but the flowers could hardly have acquired such an odor in any other way. The blooms were worthless, of course.

A meeting of the executive committee of the Horticultural Society was held at the Union League Club last Monday evening to perfect arrangements for the fall exhibition at the Art Institute, Nov. 11 to 15.

Are you going to make a display at the coming exhibition? You ought to be represented, for the credit of the city, if not for your own benefit, and the direct benefit to you is worth consideration.

Mr. C. L. Washburn is now at the city store occasionally though still far from being in his usual health.

Peter Reinberg has a pink sport from Golden Gate. It is a very attractive flower and there should be a place for it as a commercial sort.

The wife of J. H. Biggs, the Rush St. caterer and florist, died last Sunday.

The bowlers have braced up. They won three games from the Veterans last Monday evening. A general meeting of all the bowlers in the trade will be held at McKellar & Winterson's, 45 Wabash avenue, at 8 p. m. this Thursday, Oct. 23.

Edgar Sanders continues to improve and sits up longer each day. He is pleased to receive calls from his friends.

Wholesale Cut Flower Prices.

Buffalo, October 22.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	15.00 to 18.00
" No. 1	10.00 to 15.00
" Shorts	5.00 to 8.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnots	3.00 to 8.00
Cusins	2.00 to 6.00
Golden Gates	2.00 to 6.00
Kaiserins	3.00 to 8.00
Liberty	3.00 to 10.00
Meteors	2.00 to 6.00
Morgans	2.00 to 6.00
Perles	3.00 to 6.00
Sunrise	3.00 to 6.00
Cattleyas	30.00 to 40.00
Carnations, Commons	.75 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 3.00
Adiantum cuneatum	.60 to 1.25
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 2.00
Asparagus Sprengeri, Sprays	1.00 to 2.00
Callas	8.00 to 10.00
Chrysanthemums, ordinary	5.00 to 8.00
" fancy	12.50 to 20.00
Dahlias	1.00 to 2.00
Gladiolus	1.00 to 1.50
Speciosum lilies	3.00 to 5.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, ordinary	.40 to .50
" extra	.50 to .75

Galax, per 1000, $1.00 to $1.50
Common ferns, per 1000, $1.00 to $1.50

Baltimore, October 22.

	Per 100
Beauties, No. 1	$10.00 to $16.00
" Shorts	5.00 to 10.00
Brides and Maids	3.00 to 5.00
Golden Gates	3.00 to 5.00
Kaiserins	3.00 to 5.00
Liberty	3.00 to 5.00
Meteors	2.00 to 4.00
Perles	2.00 to 4.00
Carnations, Commons	.60 to .75
" Selects	1.00 to 1.50
Chrysanthemums, Ordinary	3.00 to 6.00
" Fancy	8.00 to 12.00
Adiantum cuneatum	1.00
Asparagus plumosus, strings	25.00 to 75.00
Callas	8.00 to 10.00
Smilax	8.00 to 20.00
Valley	4.00 to 5.00
Mignonette, Ordinary	1.00

The tone of the market is rather dull. Outdoor stuff, such as cosmos, dahlias and hardy chrysanthemums, very abundant. Good chrysanthemums not yet much in request, but offering in great quantities. Weather warm—much too warm for the season. Many prospective weddings promise a livelier trade.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A good all-around florist; a single, honest, temperate young man, not afraid to work; one that can wait on customers if necessary; state wages expected with room; give some idea as to ability. W. M. Lott, Warren, Pa.

WANTED—A-1 florist at once to grow chrysanthemums, carnations, roses and potted plants (married preferred); house furnished; state wages. Mrs. Geo. E. Mercer, Bowling Green, Ohio.

SITUATION WANTED—By experienced grower; fine roses, carnations, mums, general stock; best references. Address W. Henry, P. O., Cleveland, Ohio.

FOR SALE—Horizontal tubular boiler (25 H.P.), complete in every way and in good order. Address Samuel Van Bochove, Kalamazoo, Mich.

BARGAIN—If you are looking for a genuine bargain in a first-class greenhouse proposition, write at once for particulars to K., care Florists' Review.

WANTED—Two traveling salesmen; first-class energetic men of gentlemanly appearance and good habits. Must have a thorough knowledge of the seed, bulb and nursery trade. Preference given to parties with an established trade. Applications treated strictly confidential. State age, previous experience and salary expected. Address C. E. C., care Florists' Review.

SITUATION WANTED—As foreman on a medium sized place. Grower of roses and carnations. State wages in first letter. Address Foreman, care of Jas. McSorley, 817 Albermarle St., Richmond, Va.

WANTED—To correspond with Arthur Detrich. Address John L. Wyland, De Haveu, Pa.

WANTED—Situation, in Chicago, as gardener; private or commercial place; 6 years' experience; good refs. Address E. V., care Florists' Review.

WANTED—Young man for flower store; must have a fair knowledge of the business and not afraid of work. Answer with reference. M. K. C., care Florists' Review.

FOR SALE—One Wilks boiler, 42x48 inches, price $75.00. One fire-box steam boiler, 8 ft. long, grate 18x24 inches, price $50.00. Both are in perfect condition. Address W. Pfund, Oak Park, Ill.

FOR SALE—One Hitchings boiler, No. 19, in perfect condition. Price $125.00, f. o. b. William Lee & Son, Bedford, Ohio.

WANTED—Three or four young men as helpers in our rose and smilax house. Apply to Bassett & Washburn, Hinsdale, Ill.

FOR SALE—Horizontal tubular boiler 48x15 with plu hat dome and with thirty-nine 3½-inch flues; very suitable for heating hothouses. Apply to Wisconsin Box Co., Wausau, Wis.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Good retail trade. Address S. S., care Florists' Review.

WANTED—Address of Arthur L. Hilton, formerly of Setauket, N. Y. Address P. H. A. care Florists' Review.

FOR SALE—Seven acres of land; greenhouses, over 6000 feet under glass; good location; good 7-room dwelling house; No. 1 flowing well; good business; retiring from business on account of failing health. For particulars address T. Kloss, St. Peter, Minn.

WANTED.

First-class head gardener for large estate south. Unmarried preferred. Apply, stating age, experience, salary and addresses of previous employers, to

W. E. PAGE, Fernandina, Fla.

Wanted to Rent

For five or ten years, with intention to buy, on May 1st, 1903, 20,000 to 25,000 square feet of glass in surrounding of forty miles or less from Chicago. No stock wanted. Hot water heat. Everything must be in good condition. Good railroad connection necessary.

Send particulars to

F. P. B., care Florists' Review.

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; terms reasonable; best of reasons. Correspond with

ROBERT F. TESSON, Trustee, 4248 Olive Street, ST. LOUIS, MO.

Mention The Review when you write.

LEO NIESSEN,
VALLEY, BEAUTIES.

N. W. Cor. 13th and Filbert Streets,
PHILADELPHIA, PA.

Store open from 7 a. m. to 8 p. m. until further notice.

Mention The Review when you write.

HIGH-GRADE BULBS. UNSURPASSED QUALITY.

SELECTED DUTCH HYACINTHS, Single, separate colors, large bulbs, for bedding or forcing. $2.25 per 100; $22.00 per 1000.

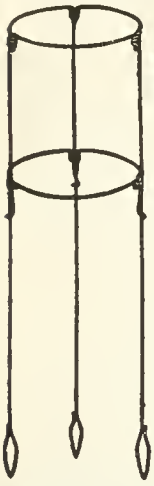
French White Roman Hyacinths, 12 to 15 centimeters, quality unsurpassed (1500 to case) $2.25 per 100; $22.00 per 1000. **True Paper White Grandiflora Narcissus,** large bulbs, as number (1000) in case indicates, 85c per 100; $8.00 per 1000.

Superfine Single Mixed Tulips, 60c per 100; $5.00 per 1000. **Superfine Double Mixed Tulips,** 60c per 100; $5.50 per 1000.

Act QUICKLY if you expect to get the benefit of these LOW PRICES.

JOHNSON & STOKES, Write for our Bulb List. 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.



...THE...
Model
EXTENSION CARNATION SUPPORT.
ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. July 27, 1897; May 17, 1898.

Write for prices and circulars.

IGOE BROS.
226 N. 9th St., Brooklyn, N. Y.

Fall Bulbs!
COMPLETE STOCK NOW READY.
Bulb Catalogue on application.

Freesias French Grown, 1st size, 100, 60c.; 1000, $4.50. Mammoth, 100, 85c; 1000, $7.50.

Narcissus Paper White, 100, 80c.; 1000, $7.00. Paper White Grand., 100, $1.00; 1000, $8.25.

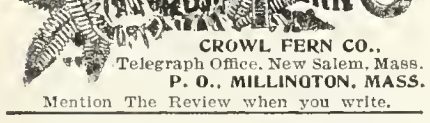
Callas They are Fine Bulbs...

1¼-1½ inch	$0.75 doz.	$ 5.00	100
1½-1¾ "	1.00 "	7.00	"
2 -2½ "	1.25 "	9.00	"
Mammoth	1.50 "	12.00	"

W. W. BARNARD & CO.,
161-163 E. Kinzie St., CHICAGO.

Mention The Review when you write.

FANCY or DAGGER FERNS, 75c per 1000. Discount on large orders. Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.



Try us and we will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

Southern Wild Smilax,
Long Needle Pines, Magnolia Leaves, Mistletoe, Holly, Palm Crowns and Palm Leaves.

Orders filled promptly at lowest prices consistent with choice quality.

JNO. S. COLLINS, - Geneva, Ala.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, October 22.

		Per doz.
Beauties, Specials		$4.00
" Extra	2.50 to	3.00
" No. 1	1.50 to	2.00
" Shorts	.75 to	1.25
		Per 100
Brides and Maids, Extra		$5.00
" " No. 1		4.00
" " No. 2		2.00
Carnots	3.00 to	8.00
Meteors	2.00 to	6.00
Sunrise	4.00 to	8.00
Golden Gate	2.00 to	6.00
Kaiserins	2.00 to	8.00
Liberty	3.00 to	10.00
Perles	2.00 to	4.00
Papa Gontier	2.00 to	5.00
Cattleyas		40.00
Cypripediums		15.00
Carnations, Commons	.75 to	1.00
" Selects	1.50 to	2.00
Adiantum cuneatum	1.00 to	1.50
Dahlias	1.00 to	3.00
Valley	2.00 to	5.00
Asparagus plumosus, Strings	35.00 to	50.00
" " Sprays	1.50 to	3.00
Asparagus Sprengeri, Sprays	1.00 to	2.00
Bouvardia	1.50 to	2.00
Callas	10.00 to	12.00
Chrysanthemums, Ordiuary	5.00 to	10.00
" Fancy	15.00 to	25.00
Mignonette, Ordinary	1.00 to	1.50
" Fancy	2.00 to	3.00
Smilax	12.50 to	15.00
Violets, Double	.50 to	.75
" Single	.25 to	.35

Business is steadily improving. A good judge estimated that fully one-half more flowers are daily coming into town than were received any day a fortnight ago. Much of the stock is very fine, but unfortunately there are many poor flowers that are useless.

Prices have not advanced. Roses are plentiful and sell pretty well. Some of the Beauties and Edgelys are as fine as in midwinter. Carnations are too plentiful, especially pink. This color is also overdone in chrysanthemums, good yellows and whites being far more popular. Violets are improving. Valley is very fine and sells well. Dahlias are about over. Cosmos are plentiful and popular with all classes of buyers.

Wm. J. Baker is receiving some nice daisies, yellow and white.

Liberties show marked improvement in quality. Chrysanthemums are this week in full supply and can be had in great variety at all the commission houses. PHIL.

THE COAL STRIKE.

At last the great coal miners' strike has been settled and a host of florists will feel more certain as to the future. If coal is now supplied the consumer as rapidly as promised all will be well. The weather has on the whole favored the trade in this emergency and we should be truly thankful.

How much the strike has cost the florists of the country, indirectly as well as directly, will never be known but it must be a considerable sum. Some have already gone to considerable expense to provide apparatus that will make other fuel available and the general disturbance of business has injured all indirectly.

GEORGE M. MOSS,
WHOLESALE FLORIST,
Beauties, Brides, Maids, Carnations, Chrysanthemums, Smilax and Asparagus.
32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.
Mention The Review when you write.

EDWARD REID,
WHOLESALE FLORIST.
A large Stock of
Roses, Chrysanthemums, Carnations, Valley and other Flowers.
1526 Ranstead St., PHILADELPHIA.
Store closes at 6:30 P. M. Saturday, 1 P. M.
Long Distance Telephone.
Mention The Review when you write.

FRED. EHRET,
WHOLESALE FLORIST,
Specialties: Bridesmaids, Brides and Beauties.
1403-05 Fairmount Ave., Philadelphia.
Long Distance Telephone.
Mention The Review when you write.

Eugene Bernheimer
WHOLESALE FLORIST.
Specialties: American Beauties, Queen of Edgely and Chrysanthemums.
11 South 16th Street.
PHILADELPHIA, PA.
Mention The Review when you write.

WILLIAM J. BAKER,
WHOLESALE FLORIST,
VERY FINE
Smilax, Chrysanthemums, Carnations
1432 South Penn Square, PHILADELPHIA.
Long Distance Telephone.
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PITTSBURG CUT FLOWER CO. Ltd.
WHOLESALE FLORISTS, Pittsburg, Pa.
Mention The Review when you write.

CUT MUMS
IN ANY QUANTITY
from $5.00 to $25.00 per 100.
JOHN WOLF, - SAVANNAH, GA.
Mention The Review when you write.

SCHLOSS BROS.
533 Broadway, NEW YORK.
Headquarters for Florists' RIBBONS and NOVELTIES.
Telephone No. 3872 Spring.
Mention The Review when you write.

Charles Millang, 50 W. 29th St. NEW YORK.

LILIES AND VIOLETS "THE LILY KING." All Kinds of Flowers and plenty of them.

We have the stock of some of the best violet growers in the country. OUR SPECIALTIES. Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it. TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No oetter flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

HEADQUARTERS FOR NOVELTIES

W. GHORMLEY.

THE VIOLET AND CHRYSANTHEMUM HOUSE OF AMERICA.

ALL VARIETIES OF CUT FLOWERS SOLD ADVANTAGEOUSLY FOR CONSIGNORS.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICE.

WHOLESALE COMMISSION.

Telephones {2200 / 2201} Madison Square. 57 West 28th Street, NEW YORK.

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THE PIONEER HOUSE of the Cut Flower Commission Business. Open every day at 6 a. m. Always "on deck." Your business interests never neglected.

J. K. ALLEN

WHOLESALE FLORIST,

106 W. 28th Street, Tel. No. 168 Madison Sq. NEW YORK CITY

We ship all over the U. S. Out-of-town florists telegraph your needs. Consignments of first-class flowers always realize with us the best market prices.

If years of great success and reputation for stability,
Are proof of first class goods and true reliability,
Then why the shadows follow, why seek elsewhere what you need?
We may not do all the business, but you well know that we lead.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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GEO. SALTFORD,

Author of "HOW TO MAKE MONEY GROWING VIOLETS."

WHOLESALE FLORIST,

46 West 29th Street, NEW YORK CITY.

Telephone No. 3393 Madison Sq.

CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

VIOLETS our specialty.

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The New York Cut Flower Co.

55 and 57 West 26th Street,

WHOLESALE FLORISTS.

Daily Reports. Weekly Payments.

Tel. 2239 Madison Sq. 2034 Madison Sq. J. A. MILLANG, Manager

Mention The Review when you write.

Always Mention the.... Florists' Review When Writing Advertiser

Wholesale Cut Flower Prices.

New York, October 22.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Fancies	15.00 to 25.00
" Extras	12.00 to 20.00
" No. 1	8.00 to 12.00
" No. 2	4.00 to 6.00
" No. 3	1.00 to 2.00
Queen of Edgely, Specials	20.00 to 25.00
" " Fancies	15.00 to 20.00
" " Extras	10.00 to 12.00
" " No. 1	3.00 to 5.00
Brides and Maids, Specials	6.00 to 8.00
" " Extra	4.00 to 6.00
" " No. 1	2.00 to 4.00
" " No. 2	1.00 to 1.50
Golden Gates	1.00 to 5.00
Liberty	2.00 to 8.00
Meteors	.50 to 4.00
Perles	1.00 to 3.00
Cattleyas	25.00 to 40.00
Cypripediums	10.00 to 12.00
Dendrobium formosum	25.00 to 40.00
Carnations, Commons	.50 to 1.00
" Selects, white	1.00 to 1.50
" " pink	.75 to 1.25
" " red	.75 to 1.25
" Fancies	1.50 to 2.00
" Novelties	2 00 to 5.00
Adiantum cuneatum	.50
" Bardii	1.25
" Farleyense	6.00
Asparagus plumosus, Strings	25.00 to 50.00
Plumosus Sprays, $2.00 a doz. bunches.	
Sprengeri Sprays, 2.00 "	
Chrysanthemums, Ordinary	1.00 to 3.00
" " Fancy	10.00 to 30.00
Harrisii lilies	8 00 to 10 00
Valley	2.00 to 5.00
Violets, Ordinary	.15 to .25
" Extra	.25 to .50
" Specials	.75
Smilax, First Grade	10.00 to 12.00
" Second Grade	6.00 to 10.00
Mignonette, Ordinary	3.00
Dahlias	1.00 to 3.00
Galax, per 1000, $1.00.	
Leucothoe	1 00
Common Ferns, per 1000, 50c to $1.00.	

The downward tendency suggested in ours of last Wednesday materialized very decidedly the closing days of the week and continues up to this writing. The market is simply flooded with chrysanthemums and these with the remarkably warm weather have about demoralized the market. The loss involved reached fully 25 per cent from last week's quotations, this being particularly felt in the Bride and Maid section.

Violets again show the effect of the unseasonable weather and have depreciated in quality. Few command the top price of 75 cents per 100. Cosmos is fine and abundant. Dahlias maintain their value and with the other outdoor flowers assist in depressing prices on other stock.

Orchids are plentiful and some of the best retail stores are making them the leading feature in their window decorations. J. A. S.

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SMALL ORDERS AND LARGE ONES ARE TREATED THE SAME.
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☞If you have any novelties, write us. **We pay cash for them.**

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Wholesale Cut Flower Prices.

Boston, October 22.

	Per 100
Beauties, Specials	$30.00
" Extra	25.00
" No. 1	20.00
" Shorts	5.00 to 10.00
Brides and Maids, Specials	10.00
" " Extra	6.00 to 8.00
" " No. 1	4.00
" " No. 2	1.00 to 2.00
Carnots	2.00 to 8.00
Golden Gates	2.00 to 6.00
Kaiserins	2.00 to 10.00
Liberty	3.00 to 10.00
Meteors	3.00 to 10.00
Morgans	2.00 to 6.00
Carnations, Commons	1.00 to 1.50
" Selects	2.00 to 4.00
Callas	10.00
Gladiolus	3.00
Longiflorum lilies	10.00
Valley	3.00 to 5.00
Smilax	10.00 to 12.50
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus, Strings	50.00
" " Sprays	1.00 to 2.00
" Sprengeri, Sprays	1.00 to 2.00
Violets	.50 to 1.00
Galax	.15
Common Ferns	.10
Mignonette	1.00
Chrysanthemums, Ordinary	3.00 to 8.00
" " Fancy	8.00 to 20.00

ALEXANDRIA, IND.—The Alexandria Greenhouses, which were recently sold by order of the court, were purchased by George Rentschler, of Janesville, Wis., who is restocking the houses and has opened the place for business under the name Alexandria Floral Co.

PRINCETON, ILL.—Mr. Carl Erickson, the new proprietor of the Colberg greenhouses, was married Sept. 16, the bride being Miss Selma Swanson. Mr. Erickson purchased the greenhouses a few weeks ago from O. Lindstrom.

HARDY CUT DAGGER and FANCY FERNS.
A-No. 1 quality, $1.00 a 1000.
Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.
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10,000....$1.50; 50,000....$6.25
3000 6-inch Wired Flag Sticks, $1.20
Samples free. For sale by dealers.
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FLORISTS' REVIEW
2688 BROADWAY.
J. AUSTIN SHAW, Manager

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Wholesale Cut Flower Prices.

Chicago, October 22.

	Per doz.
Beauties, 36 to 40-inch stems	$ 3.00 to 4.00
" 30-inch stems	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.25
" 12 "	1.00
" 8 to 10-inch stems	.75
" Shorts	.50
	Per 100.
Bridesmaids, Specials	5.00
" Firsts	4.00
" Seconds	3.00
" Culls	1.00 to 2.00
Brides, Specials	5.00
" Firsts	4.00
" Seconds	3.00
" Culls	1.00 to 2.00
Perles, Firsts	4.00
" Seconds	2.00 to 3.00
Liberty, Specials	10.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Golden Gate, Firsts	5.00
" Seconds	3.00 to 4.00
Meteor, Firsts	3.00 to 4.00
" Seconds	2.00
La France	8.00 to 10.00
Mme. Chatenay, Firsts	8.00
" Seconds	4.00 to 6.00
Sunrise	4.00 to 6.00
Ivory, Firsts	10.00
" Seconds	4.00 to 6.00
Carnations, Fancy	3.00 to 4.00
" Commons	1.50 to 2.00
" Culls	.75 to 1.00
Valley	3.00 to 5.00
Roman hyacinths	4.00
Violets	.50 to 1.00
Harrisii lilies	12.00 to 16.00
Chrysanthemums, Fancy	16.00 to 20.00
" Ordinary	5.00 to 12.00
Smilax	8.00 to 12.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" " Sprays	2.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

A full week of bright weather and moderate temperature has brought a heavy cut to the market, and there has also been a lessening of the call from outside points. As a result prices have become "weak in the neck" all through the list. It is likely that many who were ordering from this market of late are now cutting stock themselves.

In Beauties the quality shows material improvement, and though quotations show no change the buyer can get more for his money. Other roses show better quality here and there, but the great bulk of the increase in supply has to go in the class for culls, and a good many are very poor culls at that. Prices show a decline of a dollar a hundred on nearly all grades, and rates are weakest on the lower grades, as usual. On many shipments the dealers are kept busy picking over a thousand roses to get out a hundred firsts, but the quantity is so large there is no trouble getting enough of all grades. The great problem is to move the culls.

In carnations $3.00 is practically the top for the best, though a few good fancy, such as Prosperity, etc., reach $4.00. Really good flowers can be had for $1.50 to $2.00, and by some dealers the latter figure is named as the top of the market. It has got to be a pretty fair flower to bring the cull price, $1.00, and job lot sales are no doubt made at a lower figure. White remains in best demand, but there are enough whites for all now.

Chrysanthemums show further improvement in quality, but prices are weaker. Only the very extra fancy reach $2.50 a dozen, while very fine flowers can be had for $2.00 and really good stock at $1.00 to $1.50. Common stuff sells at as low as $5.00 per 100 and "aster sizes" go by the armful at any old price. The varieties that now cut a figure in the market are Robinson, Bergmann, Kalb, October Sunshine, Whilldin, Monrovia, etc. Willowbrook and Pacific are passing out. Some Ivory are beginning to appear and Morel is expected daily. The chrysanthemum situation is not at all satisfactory to the growers. Prices rule considerably lower than at same time last year.

CHRYSANTHEMUM SOCIETY.

The Chrysanthemum Society of America has appropriated the sum of $150.00 to be used in defraying the expense of transportation of fine specimen plants of chrysanthemums to the exhibition at Chicago, November 11 to 15. By paying the express charges the society will make it comparatively inexpensive for growers of fine plants to compete at the national exhibition even when remote from the city where it is to be held.

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THE "OLD RELIABLE" FOR
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Headquarters for American Beauty.
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Roses and Carnations A Specialty.....
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SEND FOR WEEKLY PRICE LIST.
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Lily of the Valley
Fancy cut Valley in large quantities at Chicago market price. Fine pips from cold storage $1.50 per 100; $13.00 per 1000.
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Let us figure with you for fancy Ferns the year round. Everything in season.
26 MIAMI AVENUE, Detroit, Mich.

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Wholesale Cut Flower Prices.

St. Louis, October 22.

	Per doz.
Beauties, Specials	$2.50 to $3.00
" Extra	2.00 to 2.50
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.00
	Per 100
Brides and Maids, Specials	$3.00 to $4.00
" " Extra	2.00 to 3.00
" " No. 1	1.50 to 2.00
" " No. 2	1.00
Carnots	3.00 to 4.00
Golden Gates	2.00 to 4.00
Kaiserin	2.00 to 4.00
Liberty	3.00 to 5.00
Meteor	2.00 to 4.00
Perle	2.00 to 3.00
Sunrise	2.00 to 3.00
Carnations, Common	1.00 to 1.50
" Selects	2.00 to 2.50
" Fancies	3.00 to 5.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" " Sprays	1.50
" Sprengeri, Sprays	1.50
Chrysanthemums, ordinary	5.00 to 7.00
" fancy	12.50 to 15.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	4.00 to 5.00
Violets	.35 to .50
Galax	.15
Common Ferns	.15

Pittsburg, October 22.

	Per 100
Beauties, Specials	$30.00
" Extra	20.00
" No. 1	$10.00 to 15.00
" Shorts	5.00 to 8.00
Brides and Maids, Specials	8.00
" " Extra	6.00
" " No. 1	3.00
" " No. 2	1.00
Cusin	3.00
Kaiserins	2.00 to 8.00
Liberty	2.00 to 6.00
Sunrise	2.00 to 3.00
Carnations, Commous	.75
" Selects	1.00 to 1.50
" Fancies	1.50 to 2.00
Adiantum cuneatum	.75
Asparagus plumosus, Strings	50.00 to 75.00
Chrysanthemums, Ordinary	6.00 to 10.00
" Fancy	12.00 to 20.00
Dahlias	1.00 to 1.50
Valley	2.00 to 4.00
Violets, Ordinary	.25 to .50
" Extra	.75
Smilax	8.00 to 15.00
Galax	.13
Common ferns	.20
Leucothoe	1.00

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Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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1316 Pine Street, ST. LOUIS, MO.

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No better to be had, at $5.00 per 100.
Medium grades also.

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Consignments Solicited.
Special Attention given to Shipping Orders.

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Wholesale Cut Flower Prices.

Milwaukee, October 22.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 6.00
Brides and Maids, Specials	6.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gates	4.00 to 6.00
Kaiserins	4.00 to 6.00
Liberty	4.00 to 8.00
Meteors	4.00 to 6.00
Perles	3.00 to 4.00
Carnations, Commons	1.00 to 1.50
" Faucies	2.00 to 3.00
Asparagus plumosus, Strings	60.00
" " Sprays	2.00 to 6.00
" Sprengeri, Sprays	2.00 to 6.00
Daisies	.50
Callas	15.00
Chrysanthemums, Ordinary	6.00 to 8.00
" Fancy	15.00 to 25.00
Valley	4.00
Violets, ordinary	.50 to .75
" extra	1.00
Smilax	15.00
Galax	.20
Common ferns	.20

Cincinnati, October 22.

	Per 100
Beauties, Extra	$12.50 to $25.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Extra	3.00 to 4.00
" " No. 1	2.00
" " No. 2	1.00
Cusin	2.00 to 3.00
Kaiserin	2.00 to 4.00
Golden Gates	2.00 to 4.00
Liberty	2.00 to 4.00
Meteors	1.00 to 3.00
Perles	2.00 to 3.00
Carnations, Commons	.50 to 1.00
" Selects	.75 to 1.50
" Fancies	2.00 to 3.00
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus	35.00 to 50.00
Asparagus Sprengeri	25.00 to 35.00
Valley	4.00
Chrysanthemums, Ordinary	4.00 to 8.00
" Fancy	12.50 to 20.00
Violets, Ordinary	.25 to .50
" Extra	.75 to 1.00
Cosmos, 25c to 35c per bunch.	
Smilax	12.50 to 15.00
Galax, per 1000, $1.00	.15
Leucothoe	.50
Common Ferns	.15

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS

Abutilons, in variety, 2¼-in., $2.50 100.
R. Vincent, Jr., & Son, White Marsh, Md.

AGERATUMS.

Ageratoma, Stella Gurney and dwarf white, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

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Alternantheras, in variety, 2¼-in., $2.00 100.
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ALYSSUM.

Giant and dwarf dbl. alyssum, 2¼-in., $2.00 100. R. Vincent, Jr., & Son, White Marsh, Md.

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5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

Araucaria excelsa, A. excelsa glauca and A. robusta compacta in all sizes. Fine plants, low price. Bobbink & Atkins, Rutherford, N. J.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
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ASPARAGUS.

Asparagus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100.
NATHAN SMITH & SON, Adrian, Mich.

ASPARAGUS SPRENGERI, strong plants from flats, $1.00 per 100, $7.50 per 1,000, $25.00 for 5,000. Cash.
PHILIPPI BROS., Citrus Nurseries, Rocklin, Placer Co., Cal.

Asparagus Sprengeri, very strong, 2-year-old, 4-in., $7.50 100; 5-in., $12.50 100. Cash with order, please. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

1,000 Asparagus Sprengeri, 2¼-in. $1.50 per 100. 500 Asparagus plumosus, 2¼-in., good, $5.00 per 100. Cash with order, please.
Jay Lingenfelter, Akin, N. Y.

A. plumosus nanus, 3½-in., $5.00 100; $40.00 1000. A. Sprengeri, from flats, $1.00 100; $7.50 1000; $25.00 for 5000.
California Carnation Co., Loomis, Cal.

ASPARAGUS PLUMOSUS, 2¼-in., strong, $3.00 100. A. Sprengeri, 2¼-in., $2.00 100. Cash. JOS. H. CUNNINGHAM, Delaware, O.

Asparagus plumosus out of 3-in. pots, ready for 4-in., strong and healthy, $6.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Asparagus Sprengeri, nice 2½-in. stock, $2.50 per 100, $20.00 per 1000.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Asparagus plumosus, 3-in., 5c; 5-in., 25c. Fine plants in fine condition.
Crown Point Floral Co., Crown Point, Ind.

Field-grown Asparagus Sprengeri, at $3.00, $5.00 and $7.00 per 100.
C. WINTERICH, Defiance, Ohio.

Asparagus, Sprengeri, fine 2½-in., $2.00 100; 2-in., $1.25 100.
Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

A. plumosus, strong 3-in., ready to shift, $5.00 100. Van Wert Greenhouses, Van Wert, O.

Asparagus plumosus, strong and bushy, 3-in., $5.00 100. W. C. Beckert, Allegheny, Pa.

A. Sprengeri, 1,000 3-in., $2.00 100; $18.00 1,000. Gulf Coast Nurseries, Dickinson, Tex.

2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus plumosus, 2-in., $3.00 100, $25.00 1000. Livingston Seed Co., Columbus, O.

Asparagus Sprengeri, 3-in., nice plants, $4.50 100. J. B. Heiss, Dayton, O.

Asparagus Sprengeri, 4-in., $5.00 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Asparagus Sprengeri and plumosus. Write.
Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, $2.00 100, $15.00 1000.
W. Stuppe, Westbury Station, N. Y.

Asparagus plumosus, 4-in., $15.00 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2¼-in., $1.50 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra, 4-in. pots, 6c per leaf. Cash with order. Chas. P. Gulick, Kingston, N. J.

AZALEAS.

DREER'S AZALEAS—Finest varieties, best values. For sizes, prices, etc., see displayed adv. in this issue.
H. A. DREER, Philadelphia, Pa.

Azalea indica, leading varieties, now ready.
F. W. O. Schmitz, Prince Bay, N. Y.

BAY TREES.

Box Trees. Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Mrs. Shepherd's TREE BEGONIA, assorted 2½-in. pots, strong, $2.00 doz., delivered. MAJORIE DAW, fine winter bloomer, 2½-in. pots, $1.60 doz., delivered. Other varieties in great variety. Send for catalogue and trade lists.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

Begonia incarnata, the most useful begonia for winter-flowering, 3-in., $8 100.
N. SMITH & SON, Adrian, Mich.

Lorraine, fine, 6-in. pans, $7.50 doz.; 5-in. pots, $6.00; 4-in. pots, $5.00.
Bonell, Meriden, Conn.

BERRIED PLANTS.

Jerusalem cherries, well-berried plants, for 5-in. pots, $15.00 per 100.
A. SCHMITT, Glenville, Ohio.

BULBS.

HIGH-GRADE BULBS. Unsurpassed quality. Selected Dutch Hyacinths, single, separate colors, large bulbs, for bedding or forcing, $2.25 per 100; $22.00 per 1000.

French White Roman Hyacinths, 12 to 15 centimeters, quality unsurpassed (1500 to case), $2.25 per 100; $22.00 per 1000. True Paper White Grandiflora Narcissus, large bulbs, as number (1000) in case indicates, 85c per 100; $8.00 per 1000.

Superfine Single Mixed Tulips, 60c per 100; $5.00 per 1000. Superfine Double Mixed Tulips, 60c per 100; $5.50 per 1000.

Act quickly if you expect to get the benefit of these low prices. Write for our Bulb list.
JOHNSON & STOKES, 217 and 219 Market St., Philadelphia, Pa.

We offer as long as unsold, for cash with order, selected late-dug bulbs as follows:

	Per Case.
6 to 7 inch, 350 to case	$14.00
7 to 9 inch, 200 to case	16.00
9 to 11 inch, 100 to case	16.00

The bulbs are in first-class shape and from one of the best growers in Bermuda.
F. R. PIERSON CO., Tarrytown, N. Y.

Send for our FALL BULB CATALOGUE and see the SPECIAL OFFERS we are making on TWO MILLION surplus bulbs, consisting of LILIUM HARRISII, LILIUM LONGIFLORUM, HYACINTHS, French and Dutch; TULIPS, NARCISSUS, CALLAS, FREESIAS, etc.
CLUCAS & RODDINGTON CO., 812-814 Greenwich St., New York.

NARCISSUS VON SION, the double-nosed variety, mammoth bulbs, $10.00 1000. Paper white grandiflora, $8.00 1000. A few more cases of HARRISII, 7 to 9, 200 bulbs to case, $15.00.
WM. ELLIOTT & SONS, New York City.

Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.
BOBBINK & ATKINS, Rutherford, N. J.

BULB BARGAINS.

	100.	1000.
HYACINTHS.		
French Roman White, 11x12	$1.60	$15.00
" " " 12x13	1.75	16.00
" " " 11x15	1.85	17.00
" " " 12x15	2.00	19.00
" " blue or rose, 12x15	2.00	18.00
Italian White (red skins), 14x18	2.25	20.00
NARCISSUS.		
Paper White Grandiflora, mammoth	.80	7.50
" " " 13 ctm. up	.75	6.75
Trumpet Major, French earliest forcer	.90	8.00
Van Sion, extra double-nosed	1.80	17.00
Van Sion, extra large, many two flowered	1.60	15.00
Princeps, great forcer	.80	7.00
Golden Spur, large bulbs	1.75	16.00
Mixed Single Trumpets	.75	6.00
Mixed Single or Double Narcissus	.75	6.00
Jonquil Rugilobus, large bulb	.60	5.00
TULIPS.		
We mention only a few sorts.		
Belle Alliance	1.20	11.00
Keizerskroon	.90	8.75
Pottebakker, scarlet	1.00	9.00
Due van Thol, scarlet	.90	8.00
La Reine	1.75	6.50
Single mixed Superfine	.60	5.00
La Candeur	.80	7.50
Imperator Rubrorum	1.75	16.00
Mixed double choicest	.75	6.00
CALLAS.		
Ethiopica, sound center shoots, 4x6-inch circumf	4.50	40.00
Ethiopica, sound center shoots, 5x7-inch circumf	6.25	60.00
Allium Neapolitanum	.40	3.50
Gladioli Colvillei Alba, fine forcer	.50	4.00
LILIES.		
Lil. Candidum, 2d size, fine plump bulbs	3.50	30.00
Lil. Longiflorum, Japan grown, 7x9	3.75	35.00
" " " " 9x10	5.75	55.00
" " " " 10x11	8.00	

Longiflorum Multiflorum 20 per cent to 25 per cent advance.
H. H. BERGER & CO., 47 Barclay St., N. Y.

GLADIOLI, finest mixed, $1.50 to $4.00 per 1,000. ISMENE CALATHINUM, $3.00 to $5.00 per 100. Double TIGER LILY, $2.25 per 100. OXALIS, 5 fine varieties, named, 50 to 60c per 1,000; mixed, $30.00 per 100,000. SPOTTED CALLA, strong, $2.00 per 100. MADEIRA VINE, $5.00 to $10.00 per 1,000. List free. E. Y. TEAS, Centerville, Ind.

	100.	1,000.
Roman Hyacinths, 12 to 15 cms	$2.00	$25.00
Narcissus P. W. Grand	1.00	9.00
Narcissus P. W. Grand, Giants	1.25	11.00
Dutch Hyacinths, Miniature, best named sorts	2.25	20.00

Tulips in variety. Send for list.
A. C. BROWN, Springfield, Ill.

Forcing Tulips.	
Cottage Maid	$ 9.00 per 1,000
Yellow Prince	9.50 per 1,000
Keizerskroon	10.00 per 1,000
Tournesol	12.00 per 1,000

Red and Yellow (Double).
D. LANDRETH & SONS,
1217 Market St., Philadelphia, Pa.

Gladiolus. Choice mixture of light shades and pinks and of Lemoinei and Childsi of all sized bulbs and any amount from one to fifty thousand. Cannas, Golden Glow, Iris Kaempferi. Choice varieties of Dahlias, all strong roots. Write for prices. Riverdale Farm, J. B. Bridge, Supt., Grand Rapids, Wis.

Lilium Harrisii, 7 to 9, $80.00 1,000; Roman hyacinths, 12 to 15 cms., $22.00 1,000. Narcissus paper white grand, 13 cms. and up, mammoth bulbs, $8.00 1,000. The above have just arrived and prices are for immediate orders. All Dutch and Japan bulbs now on hand.
F. W. O. SCHMITZ, Prince Bay, N. Y.

FREESIAS. SPLENDID QUALITY. Per 1000.
¼ to ⅜ inches in diameter..... $2.50
⅜ to ½ inches in diameter..... 3.50
½ inch and up in diameter..... 5.00
Fresh stock, just arrived from our own farms in California.
JACKSON & PERKINS CO., Newark, New York.

We have unexpectedly received a large consignment of LILIUM HARRISII; send us the number you require and we will make you a SPECIAL PRICE.
J. M. THORBURN & CO., 36 Cortlandt St., New York.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application
JAMES VICK'S SONS, Rochester, N. Y.

1000 double Von Sion bulbs, 1st quality, selected double-nosed, $15.00. Write at once to
Daniel E. Gorman, Williamsport, Pa.

Ex. Pearl tuberose and Caladium esc. bulbs.
Jno. F. Croom & Bro., Magnolia, N. C.

WHY PAY MORE? See my special of bulbs, for SPOT CASH, in this issue. Send for my catalogue.
C. H. JOOSTEN, 178 Greenwich St., N. Y.

FALL BULBS. Complete stock now ready. Bulb catalogue on application.
W. W. BARNARD & CO., 161 Kinzie St., Chicago.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Calla bulbs, 1st size, $4.00 100.
California Carnation Co., Loomis, Cal.

CALLAS.

Calla lilies, 18 inches high, 5 and 6-in. pots.
Biddison Bros., Raspburg, Md.

CANNAS.

Strong field-grown clumps of Duke of Marlborough, Florence Vaughan, Pres. Cleveland, Henderson, A. Bouvier, Robt. Christie, Queen Charlotte, Sophie Buehner, Austria, $15.00 100.
Egandale, Antoine Crozy, Trelease, Pres. Carnot, Chicago, Beaute Poitevine, Martha Washington, $25.00 100. Save express charges by ordering at once by freight.
STORRS & HARRISON CO., Painesville, O.

Cannas, fall delivery. Italia, Austria, A. Bouvier, Alsace, Burbank, $1.50 100; $12.00 1,000. Sample bulbs, prepaid, 25c. Write us.
MANGELSDORF BROS CO., Atchison, Kan.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

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Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

FIELD-GROWN CARNATIONS.

	1st size.		2d size.	
2000 Norway	$8.00	100	$6.00	100
1000 Flora Hill	6.00	100	5.00	100
1500 Mermaid	6.00	100	5.00	100
500 Egypt	6.00	100	4.00	100
500 Maceo	6.00	100	4.00	100
300 Gov. Roosevelt			5.00	100
200 Lorna			6.00	100
300 Queen Louise			6.00	100

W. E. HALL, Clyde, Ohio.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1,000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

FIELD-GROWN CARNATIONS, strong, healthy plants. Per 100:

	No. 1	No. 2
1000 Russell	$5.00	$3.00
800 Gomez	4.00	
200 America	4.00	

Cash with order from unknown parties. Packed to carry safely by express.
CHAS. BLACK, Hightstown, N. J.

FIELD-GROWN CARNATIONS.

	100.	1000.
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00
Marquis	4.00	35.00
Guardian Angel	4.00	35.00
Melba	4.00	35.00
White Cloud	5.00	

P. REINBERG, 51 Wabash Ave., Chicago.

Fine, healthy, well-grown field plants of

Queen Louise	4c	Lawson	6c
Glacier	4c	Hill	4c
America	4c	Red Wave	4c
Marquis	4c	Joost	4c
Scott	4c	Lord	4c

Carefully packed in light boxes and satisfaction guaranteed.
Chas. T. Siebert, Station B, Pittsburg, Pa.

EXTRA FINE, FIELD-GROWN PLANTS.

	100		100
Prosperity	$8.00	Wm. Scott	$5.00
Mrs. Joost	6.00	Hill	5.00
E. Crocker	5.00	Cartledge	4.00
300 Maceo	7.00	McGowan	4.00
1000 Fisher	4.00	1500 Norway	7.00

LEO NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$7.00	$60.00	Lord	$5.00	$40.00
Marquis	6.00	50.00	Melba	5.00	40.00
Scott	4.00	30.00	M'Richm'd	5.00	40.00
McGowan	4.00	35.00			

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

MURPHY'S WHITE, the commercial white carnation, will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1,000.
WM. MURPHY, 130 East Third st., Cincinnati, O.

FIELD GROWN CARNATIONS.

3000 Daybreak.	500 Portia.
2000 Marquis.	450 Scott.
2500 Crocker.	500 Lord.

1600 dark pink (a sport from Scott).
Fine stroog plants, $40.00 per 1000.
W. F. KASTING, Buffalo, N. Y.

FIELD-GROWN CARNATIONS.

$4.00 per 100.	$35.00 per 1000.
4000 Lord	2000 Norway,
2000 Egypt,	200 Triumph,
	250 Peru.

GRAND RAPIDS VIOLET CO., Grand Rapids, Mich.

LILLIAN POND, the largest and best white—it's a money-maker for all of you. Delivery commences Jan. 1, 1903. Prices: 12 $1.50, 25 $3.00, 50 $5.00, 100 $10.00, 250 $23.00, 500 $37.50, 1000 $75.00.
S. J. REUTER, Westerly, R. I.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail, 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Field-grown carnations. Order at once while stock is in fine condition. Russell, Avondale, Joost, Peru, Prosperity, $5.00 100; $40.00 1,000. Cash. S. ALFRED BAUR, Erie, Pa.

Stroog, healthy, field plants grown on high land. McGowan 3c, Crane, Crocker, Joost, Portia, Scott, Eldorado, Daybreak and Victor, 4c; Norway, 5c. J. J. Styer, Concordville, Pa.

Strong field-grown carnation plants at reduced prices to close out. Joost, Daybreak, Ethel Crocker, Gomez, Marquis and Bon Ton, $3.50 100. Cash. Chas. H. Green, Spencer, Mass.

	100.	1,000.
Field-grown plants.		
Norway, extra fine	$7.00	$60.00
Genevieve Lord	6.00	50.00

H. WEBER & SONS, Oakland, Md.

FIELD-GROWN CARNATION PLANTS.
Prosperity, Marquis, Evanston and Joost at $4.00 per 100; $35.00 per 1000.
GEO. REINBERG, 51 Wabash Ave., Chicago.

Field-grown carnations. 500 Joost, 200 Scott and 50 each of G. Lord, Triumph and Duhme at $3.00 100. Be quick.
Paul Stark, Liberty, Mo.

Reduced price on field-grown carnations. Triumph, Morning Glory, Joost, Marquis, Prosperity and Lord, $5.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

A carnation BARGAIN: Crocker, Scott, Daybreak, Prosperity, $3.00 100, $25.00 1000. First-class stock. S. T. Danley, Macomb, Ill.

Carnations—Crane, Chapman, Hill, White Cloud, etc. Write for prices and sizes.
Crabb & Hunter, Grand Rapids, Mich.

Field-grown carnations. Strong, healthy plants of Marquis and Norway, $4.00 100.
A. C. CANFIELD, Springfield, Ill.

4000 extra fine, field-grown MARQUIS, $4.00 per 100. J. L. DILLON, Bloomsburg, Pa.

Strong field-grown Joost, $3.00 100, $25.00 1000. Cash. Dann & Son, Westfield, N. Y.

5,000 McGowan at $25.00 per 1000.
Alfred H. Walker, Hollis, Queens P. O., N. Y.

Carnations. Send to us for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Send for descriptive price list.
F. Dorner & Sons Co., La Fayette, Ind.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CHRYSANTHEMUMS.

Stock chrysanthemum plants, strong and healthy, full of young growth, of the following varieties: Fitzwygram, white and pink Glory of Pacific, Monrovia and Robt. Halliday, two best early yellows; Kalb, Willowbrook, Bergmann, J. K. Shaw, etc., 10c each; $1.00 per doz. Cash. GUNNAR TEILMANN, Marion, Ind.

Stock chrysanthemum plants. White and yellow Fitzwygram, Ivory, Dalskov, white and yellow Jones, Bergmann, Robinson, Primo, etc., $8.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

POT-GROWN CHRYSANTHEMUMS, 5 and 6-in., all the best varieties; first-class, bushy plants, none better, 15 and 18c. Will exchange. Daniel E. Gorman, Williamaport, Pa.

2000 stock plants of Lady Harriet; best early pink mum; guaranteed true stock; $6.00 100.
G. A. Lotze, Glen Burnie, Md.

MUM STOCK PLANTS. For varieties and prices see displayed adv. in this issue.
POEHLMANN BROS. CO., Morton Grove, Ill.

CINERARIAS.

Cineraria grandiflora, extra strong, ready for 3½-in., $1.50 100. Cash.
J. W. MILLER, Hatton, Pa.

Cineraria stellata, from 2 to 4 ft. high, 3-in. pots, $5.00 100.
N. SMITH & SON, Adrian, Mich.

Cinerarias, 3-in., strong frame-grown stock, $5.00 100. C. Winterich, Defiance, Ohio.

Cinerarias, 2½ and 3 inch.
Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Finest purple, white, lavender and pink clematis, 2-yr. field-grown, or from 5-in. pots, 18c; 1-yr. field-grown, or from 3-in. pots, 9c. C. paniculata, fine 2-yr. field-grown, 6c. Cash.
W. H. SALTER, Rochester, N. Y.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

The new winter-flowering coleus, Thyrsoides. Rooted cuttings, $2.00 100.
J. A. WIBE, Downers Grove, Ill.

Coleus, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

CYCLAMEN.

CYCLAMEN PERSICUM SPLENDENS GIGANTEUM, a splendid stock of plants, well-budded, from 3-in. pots, $6.00 per 100; from 3½-in. pots, extra fine, in bud and bloom, $10.00 per 100; $90.00 per 1000.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen giganteum, strong plants, showing buds nicely. They are fine stock. 3-in., $6.00 100. Cash with order.
LOUIS BAUSCHER, Freeport, Ill.

500 Cyclamen giganteum, best strain, mixed colors, 2¼-in. pots, $2 and $5 per 100. Cash.
Jay Lingenfelter, Akin, N. Y.

Cyclamen, well set with buds, 4-in., $12.00; 5-in., $18.00 and $25.00.
C. WINTERICH, Defiance, Ohio.

Cyclamen giganteum, 100 4-in., well set with buds, $8.00. Cash.
J. W. MILLER, Hatton, Pa.

Cyclamen giganteum, 3-in., $4.00 100. Cash.
J. W. MILLER, Hatton, Pa.

Cyclamen giganteum, 3-in., $5.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

DAISIES.

Daisies, red and white; large plants, 35c 100, $2.50 1000. J. C. Schmidt, Bristol, Pa.

Snowball, Longfellow, Giant, 50c 100, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

Chrysanthemum frutescens, white and yellow, $1.00 100. Buckley Plant Co., Springfield, Ill.

DRACÆNAS.

Dracaena indivisa, field or pot-grown, 5-in., $20.00 per 100.
A. SCHMITT, Glenville, Ohio.

Dracaena indivisa from data, 50c 100; $4.00 1000. W. Stuppe, Westbury Station, N. Y.

EUCHARIS.

Eucharis grandiflora, a money-maker for the florist who wants a fine, white flower for funeral work, bouquets, etc. Large clumps (will bloom this fall), 15 to 20 bulbs, $2.50 each; single bulbs, $10.00 100. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

FERNS.

FERNS OUR SPECIALTY. Come to headquarters with your orders. We have added another large range of greenhouses to our establishment and can offer you unlimited quantities of JARDINIERE FERNS, fine, stocky plants, from 2¼-in. pots, in 15 of the best varieties, at $3.50 100; $30.00 1000. SAMPLES FREE. From 3-in. pots, for larger jardinieres, including all the leading varieties, $8.00 100; $75.00 1000.
4-in. stock, fine as specimen plants, or for large jardinieres and basket work, well-grown stock, very compact, in the following varieties: PTERIS ARGYRAEA, PT. CRETICA CRISTATA, PT. CRISTATA MAJOR, PT. CRETICA ALBO-LINEATA, CYRTOMIUM FALCATUM, SITOLOBIUM CIRCUTARIA, ASPIDIUM TENSIMENSE and ALSOPHILA AUSTRIALIS, $16.00 100, $150.00 1000.
ADIANTUM CUNEATUM, 4-in. plants, $16.00 100, $150.00 1000; 5-in. plants, $25.00 100.
ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, New Jersey.

Ferns—Full, bushy plants, the hardiest and best varieties; the kinds your customers will approve and ask for again. Aspidium tsussimense, Cyrtomium falcatum, Lastrea aristata variegata, Pteris cretica albo-lineata, Pteris adiantoides, Pteris serrulata, Pteris serrulata cristata. Selected plants of above in assortment, from 2-in. pots, $3.00 100; $25.00 1000. Each plant wrapped separately and carefully packed. Cash with order, please.
R. G. HANFORD, Norwalk, Conn.

BOSTON FERNS, 6-in., $6.00 doz. Ferns for fern dishes, 2 and 2½-in., 2½c.
Crown Point Floral Co., Crown Point, Ind.

Nephrolepis cordata compacta, strong 2½-in., $2.50 100; 500 for $10.00 cash.
HENRY ERNST & SON, Washington, Mo.

FERNS—Continued.

Adiantum capillus veneris, best for fern dishes and other decorative work, 2½-in., $3.00 100. Adiantum capillus veneris imbricatum, 2½-in., $5.00 100. Nephrolepis davallioides furcans has no equal as a Christmas plant, 5 and 6-in. pans, $5.00 and $6.00 per doz. Pteris cretica albolineata, variegated; useful and pretty, 2½-in., $3.00 100. N. SMITH & SON, Adrian, Mich.

Lygodium scandens, the Japanese climbing fern, far superior to smilax and equal to Asparagus nanus for cutting; 100 planted now will make 100 to 150 yards of fine decorative foliage for Easter, worth from 25c to 40c per yard. Try it and be convinced. $1.00 per 100 postpaid. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

Ferns for jardinieres, 2¼-in. pots, $3.50 100, $30.00 1000. All the finest varieties, including Aspidium tenacemense in any quantity.
BOBBINK & ATKINS, Rutherford, N. J.

Orders booked now for the new Nephrolepis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Ferns for fern dishes, etc. Extra strong stock, fine assortment. Let us quote prices on your needs, large or small quantities.
BEARD BROS., 1248 W. Fort at., Detroit, Mich.

Boston ferns, from 3-in. pots, $5.00; 4-in. pots, $10.00; 6-in. pots, $30.00 per 100. Wittboldii, 3-in. pots, $5.00 per 100.
DAVIS BROS., Morrison, Ill.

Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontar St., Philadelphia, Pa.

BOSTON FERNS, fine stock, 4-in., $8.00; 2½-in., $2.50 100. C. M. Niuffer, Springfield, O.

Boston ferns, fine stock. Write
Geo. A. Kuhl, Pekin, Ill.

FEVERFEW.

Strong rooted cuttings of feverfew, Little Gem, 75c 100.
Buckley Plant Co., Springfield, Ill.

FORGET-ME-NOTS.

Fine stocky plants of Conatance, fine flowering Forget-Me-Not, in 2½-in. pots, at $3.00 100. Cash with order. E. T. McQuivey, Utica, N. Y.

GARDENIAS.

Gardeniaa, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIEBRECHT & SON, New Rochelle, N. Y.

GERANIUMS.

Rooted Cuttings Now Ready.

	Per 100	Per 1,000
Double Gen. Grant, Scarlet	$1.00	$9.50
Poitevine, Salmon Pink	1.25	12.00
La Favorite, White	1.00	9.50
S. A. Nutt, Crimson	1.00	9.50

W. B. DU RIE, Rahway, N. J.

GERANIUMS.	100.	1000.
S. A. Nutt, Heteranthe and Buchner	$1.25	$10.00
Perkins, Poitevine, Landry & Riccard,	2.00	15.00
Viaud and Castellane	2.50	20.00
Bonnot, Castris, Acteon, Harrison, Jaulin, La Favorite and La Pilot.	1.50	

ALBERT M. HERR, Lancaster, Pa.

Good, strong, well-rooted geranium cuttings of S. A. Nutt, La Favorite, R. R. Gosselin and an extra fine dbl. scarlet at $1.50 per 100; $14.00 per 1000. E. Gatteil and Paul Bruant, $1.25 per 100. Cash with order. Logan Ave. Greenhouses, R. R. No. 2, Danville, Ill.

Geraniums. Extra strong, rooted cuttings, true to name. Viaud, $2.00 100, $18.00 1000. Nutt, Riccard, Poitevine, Hill, Perkins, Jaulin, Bruant, Duchess of Orleans, Meehan, Morton, La Favorite, Gaar, $1.50 100, $14.00 1000.
Buckley Plant Co., Springfield, Ill.

Here is a snap! And room we must have. 5,000 S. A. Nutt, 5,000 Bruanti, 5,000 Beaute Poitevine, 2¼-inch pots. Your choice at $15.00 per 1,000. In fine shape. Cash with order.
J. E. FELTHOUSEN, Schenectady, N. Y.

Geraniums. Stock plants, field-grown, strong. Canovas, Richelieu, Bellerophon, Nutt, Perkins, Mme. Bruant, La Favorite, J. M. Garr, G. de France, etc., 10 cents each, $1.00 dozen.
H. L. RYTHER, Enfield, Mass.

Several thousand rooted cuttings of dbl. Gen. Grant geraniums at $1.00 per 100, express prepaid. Also several hundred S. A. Nutt and Grant from 2½-in. pots. $1.50 per 100.
F. E. BONHAM, Macomb, Ill.

Geraniums, good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Geranium rooted cuttings now ready.
Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Betscher, Canal Dover, O.

HARDY PLANTS.

Special discount of 10 per cent from these low prices for cash with order.

All the stock is field grown except where pots are indicated by size of pot or letter "p," the latter meaning 3½-inch pots:

	Per 100.
800 Achillea, The Pearl, p	$3.00
600 Achillea roseum, p	3.00
500 Adonis vernalis, 2-in. pots	2.00
800 Agrostemma coronaria and Flos Jovis.	4.00
500 Anemone sylvestris, p	3.00
800 Anemone J. rubra, p	3.00
200 Apios tuberosa, p	3.00
400 Armeria maritima, p	3.00
100 Artimisia abrotanum, p	3.00
300 Astilbe japonica	4.00
500 Alyssum saxatile, 2-in. pots	3.00
100 Anthemis Kelwayii, p	3.00
200 Aster Novae Angiae, p	3.00
200 Aster alpinus, p	3.00
3000 Aster pyramidalis, p	3.00
1000 Bocconia cordata	4.00
400 Clematis Davidiana, p	3.00
1000 Campanula pyramidalis	4.00
1000 Campanula compacta, 2-in. pots	3.00
800 Coreopsis lanceolata, p	3.00
800 Coreopsis grandiflora, p	3.00
100 Chrysanthemum, hardy	4.00
200 Dianthus May	4.00
800 Digitalis grandiflora, 2-in. pots	3.00
500 Eulalias in variety	4.00
100 Euphorbia corrollata, p	3.00
1500 Funkia lancifolia	4.00
100 Funkia caerulea, p	3.00
100 Gaillardia grandiflora, p	3.00
300 Geranium Ibericum, p	3.00
2000 Geum atrosanguineum	4.00
1000 Helenium autumnale	4.00
1000 Hemerocallis Sieboldii	4.00
300 Heuchera Americana	4.00
300 Iberis sempervirens, 2-in. pots	3.00
2000 Iris germanica, p	3.00
200 Iris pumila, p	3.00
2000 Lychnis chalcedonica	4.00
200 Monarda didyma	4.00
500 Platycodon grandiflorum, p	3.00
1500 Pardanthus sinensis	3.00
1000 Penstemon, assorted	4.00
2000 Phlox subulata rosea, p	3.00
5000 Herbaceous phloxes in variety	4.00
1200 Physostegia virginiana	4.00
1000 Pyrethrum roseum	4.00
500 Rudbeckia Golden Glow	4.00
1200 Rudbeckia Newmanii	3.00
200 Salvia pratensis	4.00
100 Tradescantia virginica, p	3.00
500 Veronica officinalis, p	3.00
100 Barberis vulgaris	6.00
1000 California privet, 2 ft	3.00
500 Spiraea Anthony Waterer, p	3.00

An additional discount of 5 per cent will be allowed on orders amounting to $100.00 or more, making a total of 15 per cent where orders for $100.00 or more are accompanied by cash. Address orders and remittances to
FLORISTS' PUBLISHING CO.,
Caxton Building, CHICAGO.

Plants for Florists' use.	Per 100
Funkia undulata variegata, the true variety, strong plant	$6 00
Phlox, Coquelicot, new crimson scarlet, all field-grown plants	8 00
Phlox, new varieties, choice kinds	8 00
Phlox, older varieties, best kinds	6 00
Deutzia Lemoinei, 8 to 10 shoots, extra	8 00
Deutzia Lemoinei, 2½-in., extra, for forcing	6 00
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Peonies in variety. We were awarded a Silver Medal at the Pan-American for the largest collection of cut flowers.

Flowering shrubs in general assortment, roses, clematis, etc., etc.

John Charlton & Sons, University Avenue Nurseries, Rochester, N. Y.

Anemenes—Japonica alba, $6 100; elegantissima, a new variety, $10.00 100; Lady Ardilaun, $8.00 100; Queen Charlotte, $8.00 100; rosea superba, $12.00 100. Phalaris arundinacea variegata, remains white and green through the season; effective as a border plant; large field-grown clumps, $6.00 100. Pyrethrum (hybridum), colors range from pure white to deep blue; field-grown, $8.00 100. Tritoma uvaria grandiflora, strong divisions, $5.00 100. Valeriana officinalis (garden heliotrope), strong divisions, $5.00 100.
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Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.

We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
VICK & HILL CO., Rochester, N. Y.

We offer to the trade a large and varied collection of the best HARDY PERENNIAL PLANTS, and we also make a specialty of our best native shrubs, both collected and nursery-grown. Our trade list for 1902-3 is now ready and will be mailed on application.
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HARDY HERBACEOUS PLANTS. We are headquarters for these popular plants. Write us for anything you may require in this line.
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I have from 50 to 150,000 of each of the seedlings named below, which I offer for immediate delivery.

		100	1,000
CATALPAS—			
Speciosa (true)	6 to 12 inches	$0.30	$2.00
	12 to 24 inches	.40	3.00
Tea's Japan,	1 to 2 feet	.40	3.00
	2 to 4	.50	4.00
	4 to 8	4.00	
Kaempfera,	1 to 2	.40	3.00
	2 to 4	.50	4.00
	4 to 7	4.00	
BOX ELDER,	6 to 12 inches	.30	1.50
	1 to 2 feet	.40	3.00
	2 to 4	.60	5.00
BLACK LOCUST,	6 to 12 inches	.30	1.25
	1 to 2 feet	.40	2.00
	2 to 3	.50	3.50
	3 to 5	.60	4.50
RED BUD,	4 to 6 inches	.20	1.25
	6 to 12	.30	2.50
	12 to 24	.50	4.00
	2 to 4 feet	1.00	8.00
GREEN ASH, 1 yr.,	6 to12 inches	.30	2.00
	1 to 2 feet	.40	3.00
	2 to 4	1.00	9.00
HORSE CHESTNUT, white flowered—			
	6 to 12 inches	.60	5.00
PERSIMMON,			
American, 1 yr.,	6 to 12 inches	.40	3.00
RUSSIAN MULBERRY—			
	4 to 8 inches	.15	.90
	8 to 14	.25	1.50
	1 to 2 feet	.40	3.00
BLACK MULBERRY—			
	6 to 12 inches	.40	3.00
	1 to 2 feet	.60	4.00
CHINESE WHITE WISTARIA—			
	6 to 8 inches	3.00	
TRUMPET FLOWER—			
	1 to 2 feet	.50	4.00
TULIP POPLAR—			
	4 to 6 inches	.30	1.50
	6 to 12	.40	3.00
SYCAMORE PLANE TREE.			
	4 to 6 inches	.30	1.50
	6 to 12	.40	3.00
BLACK, or Marsh Willow.			
	1 to 2 feet	.30	2.50
	2 to 3 feet	.50	4.00

The above prices are for immediate orders. Send for seed and seedling list of trees and shrubs.

J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

100,000 HARDY HERBACEOUS PERENNIALS. Transplanted and grown in nursery rows one year. Thrifty and well rooted. See main list for other sorts. Not less than 50 of a kind at these rates.

2,800 Alyssum saxatile compactum, at 3c.
3,600 Aquilegia, in 5 named varieties.
1,600 Aster nova—angliae—at 4c.
900 Campanula carpatica, at 4c.
1,000 Campanula elegans, fine, at 4c.
1,400 Campanula medium, mixed, at 3c.
3,000 Delphinium formosum, strong, at 5c.
700 Delphinium grandiflorum, at 4c.
1,200 Digitalis, in 2 varieties, at 4c.
800 Dianthus plumarius, at 4c.
1,400 Gaillardia grandiflora, at 3c.
1,650 Gypsophilla paniculata, at 3c.
1,100 Golden Glow, strong, at 4c.
7,000 Hardy Ferns, see list for varieties.
5,600 Hollyhocks, double, in 5 named varieties, at 4c.
1,200 Hollyhocks, single, mixed, at 4c.
3,000 Henchera sanguinea, at 5c.
2,000 Iberis sempervirens, at 4c.
5,000 Lilium canadense, X strong, at 5c.
1,200 Lythrum roseum superbum, at 4c.
1,000 Primula veris, mixed, at 5c.
1,200 Primula vulgaris, at 5c.
800 Sedum acre, at 3c.
1,100 Silene virginica, at 5c.
1,500 Monarda didyma, at 4c.
15,000 Vinca minor, fine, at 4c; $25.00 per 1,000.
1,050 Dianthus, Mrs. Simkins, at 4c.
1,100 Pyrethrum uliginosum, 2 years, at 5c.
1,400 Liatris, in 4 named varieties, see list.
1,200 Lychnis chalcedonica, at 4c.
600 Lychnis Haageana, at 4c.
600 Phlox subulata, at 4c.
1,000 Dicentra exima, strong, at 5c.
450 Anemone Whirlwind, strong, at 5c.
10,000 Trillium grandiflorum, flowering bulbs, at 2c ($12.00 per 1,000).

30,000 PANSY PLANTS, strong plants, with heavy foliage, transplanted and grown in open ground in nursery rows, fine strain in mixed colors, $1.00 per 100, $7.00 per 1,000, ready Oct. 10th. EDWARD GILLETT, Southwick, Mass.

EUONYMUS japonica green, fine plants, 12 to 24 inches, $1.25 per doz. Makes the finest EVERGREEN hedge. E. japonica SILVER, same price. Delivered free any part U. S. Cash with order.

Atlantic Coast Nurseries, office 606 Fourth Ave., Asbury Park, New Jersey.

Deutzia Lemoine. For winter forcing. Strong plants, 3 years old, $5.00 per 100. Primula veris, assorted, $2.50 per 100. Primula japonica, assorted, $2.50 per 100. Lychnis Viscaria, assorted, $2.50 per 100. Jacob Thomann, 838 N. Goodman St., Rochester, N. Y.

Irish junipers, 3-ft. trees, $15.00 100, $125.00 1,000; 3½ to 4 ft., $20.00 100, $150.00 1,000; extra heavy, 4 to 4½ ft., $25.00 100. Savin junipers, 2½ ft., $15.00 100. Boxing at cost. Cash.

JOSEPH HEINL, Jacksonville, Ill.

HARDY PINKS.—Comet, Earl of Carlisle, May, Souv. de Sale and Gertrude, field-clumps, $6.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
W. & T. SMITH CO., Geneva, N. Y.

Spiraea Van Houttei, 2 to 2½ ft., bushy, fine stock, $7.00 per 100. Packed free for cash.
E. Ferrand & Sons, Detroit, Mich.

HIBISCUS.

Hibiscus, 5-in., to close out, $1.50 doz.
Geo. A. Kuhl, Pekin, Ill.

HOLLYHOCKS.

5000 hollyhocks from seed, double white, yellow, pink and red; fine plants, ready now, $1.00 100. GEO. ENGEL, Xenia, Ohio.

Hollyhocks, large field plants, Chater's Prize, double, 4 colors, 50c doz.
Bonell, Meriden, Conn.

HONEYSUCKLES.

Japan gold-leaf honeysuckle, well-rooted layers, 5c. W. H. Salter, Rochester, N. Y.

HYDRANGEAS.

HYDRANGEA PANICULATA GRANDIFLORA.

	100.	1000.
2 to 3 feet, bushy	$ 8.00	$ 70.00
3 to 4 feet, bushy	11.00	100.00
4 to 5 feet, bushy	15.00	140.00

The Conard & Jones Co., West Grove, Pa.

OTAKSA, RED-BRANCHED, THOMAS HOGG, $10.00 per 100; $45.00 for 500. Strong out-door plants with 5 to 7 flowering crowns, suitable for 6 or 7-inch pots.
JACKSON & PERKINS CO., Newark, New York.

Hydrangea pan. grand., nice plants, 8c; well-rooted layers, 2c. W. H. Salter, Rochester, N. Y.

HYDRANGEA OTAKSA, 2,000 of them at 15, 20 and 25c.
A. SCHMITT, Glenville, Ohio.

IVY.

SPECIAL! English Ivy, 2 plants in 4-in. pots, $5.00 100; 2 plants in 4-in., X strong, $7.00 100; 3 plants in 6-in., XX, $20.00 100.
T. N. YATES & CO., Mt. Airy, Phila., Pa.

Hardy English Ivy, 2¼-in., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

LANTANAS.

Lantanas, 10 varieties, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

LILY OF THE VALLEY.

Fancy cut valley at Chicago market prices. Fine pips from cold storage, $1.50 100; $13.00 1000. H. N. Bruns, 1409 W. Madison st., Chicago.

The finest cut valley—no better to be had—$5.00 per 100. Medium grades also.
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Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NARCISSUS.

Paper white grandiflora narcissus, $1.00 per 100, $9.00 per 1,000. Cash.
F. WALKER & CO., Louisville, Ky.

Narcissus paper white grandiflora, $1.00 100. Cash. Jos. H. Cunningham, Delaware, O.

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We have always on hand a stock of established and unestablished orchids. A number of vars., now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

ORCHIDS, 12 staple varieties for cut flowers, from 75c to $2.50 each.
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Orchids. Largest stock of commercial plants in America. Julius Roehrs, Rutherford, N. J.

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Paeonies, in 10 distinct named kinds and colors, $10.00 per 100, $90.00 per 1000; 500 at 1000 rate. F. A. Baller, Bloomington, Ill.

Large double light pink paeonies, $5.00 per 100; for other varieties write
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Paeonies, named varieties, good, strong plants, $10.00 per 100.
SAMUEL S. PECKHAM, Fairhaven, Mass.

PALMS, ETC.

LATANIA BORBONICA. 20,000 cheap for net cash.

In. pots.	In. high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
4	15 to 18	3 to 5	$0.13	$1.20	$10.00	$95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

These plants are all strong, ready to pot up. Will exchange for 500 small Asparagus plumosus. For other varieties see wholesale list.
W. J. HESSER, PLATTSMOUTH, NEB.

Kentias, Latanias, Phoenix, Arecas, Livistonas, Pandanus, Ficus, Bostoniensis. Everything for the florist. Grand stock of all kinds. Prices right. JULIUS ROEHRS, Rutherford, N. J.

PALMS AND DECORATIVE plants of all the leading varieties in the best possible condition, from 2½-in. to perfect specimens in 10-in.
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PALMS. Largest and hardiest grown stock, in all sizes and varieties, at greatly reduced prices. Send for catalogue.
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Kentias Forsterians and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots, 75c. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

PANDANUS VEITCHII, fine plants, 6-in. pots, 18 to 20 inches high above pot, $12.00 doz.
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300 Phoenix canariensis, 4-in. strong plants, $15.00 100. E. Nagel & Co., 1118 W. Lake St., Minneapolis, Minn.

125 phoenix, 5-in. pots, 22 in. high, good plants, $2.00 per doz. Cash.
Jay Lingenfelter, Akin, N. Y.

Palms and decorative plants, home-grown and in excellent condition.
Jos. Heacock, Wyncote, Pa.

ARECAS, 3 plants in 6-in. pots, fine, 28-30-in. 50c each; $45.00 100.
T. N. YATES & CO., Mt. Airy, Phila., Pa.

Areca lutescens, fine stocky plants, 7-in. pots, 75c each. Cash.
Livingston Seed Co., Columbus, Ohio.

Palms and decorative plants. Send for price list. Chas. D. Ball, Holmesburg, Phila., Pa.

Kentias, good, 50c, 75c and $1.00 each.
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Palms, fine, clean stock, grown cool.
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For Pansy Seed see under heading "Seeds."

100,000 Giant International pansies, grown from the most expensive collections of seed from abroad and at home; transplanted, fine, bushy; some in bud and bloom; by express, $1.00 100, $8.00 1000; from seed bed, ready for transplanting, $5.00 1000. Giant pansies, from American-grown seed, in the most splendid colors and markings; field-grown seedlings ready for transplanting, 50c 100 by mail; $3.00 1000 by express. Ludwig Mosbaek, 8500 Anthony Ave., South Chicago, Ill.

The famous DIAMOND strain of large-flowered pansies. Flowers of perfect form, with thick, velvety petals. Over 60 distinct sorts and an endless variety of tints and markings. Fine, stocky plants, with 5 or 6 leaves, all colors mixed, $3.50 per 1000, 500 for $2.00, by express. 75c per 100, 250 for $1.50, by mail, postpaid. Cash with order.
L. W. GOODELL, Pansy Park, Dwight, Mass.

BUCKBEE'S FANCY PANSIES.
The largest and finest colored flowers. Selected plants, postpaid, 75c per 100. At buyers' expense, $4.00 per 1,000.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Roemer's superb PRIZE pansies—the world's best—strong, stocky plants, mixed colors, by mail, 75c 100; by express, $4.00 1000, $7.00 2000, $10.00 3000, $25.00 10,000. Cash.
PETER BROWN, Lancaster, Pa.

Pansy plants. Extra good plants, 6 to 8 leaves, Dreer's celebrated PREMIUM strain, free by mail, 60c 100, $3.75 1,000. Very fine mixture, slightly smaller plants, $3.00 1,000.
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Pansy plants. Imported seed from Germany of Roemer's Giant Pansies, per 100, 35c; per 1,000, $2.50. Will also exchange for Boston Ferns or Small Palms. Cash, please.
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Herr's Pansies are good pansies—the kind that brings money when they come into bloom. Free by mail, 75c per 100; by express, at your expense, $4.00 per 1000.
ALBERT M. HERR, Lancaster, Pa.

Five-leafed pansy plants, 50 cents per 100, $4.00 1000. Cash.
Hull Floral Co., Morris, Ill.

Giant, fine as any strain, 50c 100, $3.00 1000. Cash. Byer Bros., Chambersburg, Pa.

Zirnglebel's GIANT pansy plants, $5.00 per 1000, and $10.00 for FANCIES. They are equal to any we ever sent out.
DENYS ZIRNGIEBEL, Needham, Mass.

The famous JENNINGS' strain of pansies. Large plants ready to bloom Oct. 1, $1.00 100, $8.00 per 1000. Cash.
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Pansies, Long Island Standard, no better in the market; fine, stocky plants, $4.00 1000.
PETER WENK, Ozone Park, L. I., N. Y.

Pansy, MME. PERRET, the finest strain in the market, 50c 100; $3.50 1000; 3000 for $10.00.
J. C. SCHMIDT, Bristol, Pa.

Pansy plants, $3.00 1000, 60c 100. Cash.
JOS. H. CUNNINGHAM, Delaware, O.

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Christmas peppers, strong, from open ground, 6-15c. W. Stuppe, Westbury Station, N. Y.

PETUNIAS.

Petunias. Dreer's and Henderson's latest sets, strong rooted cuttings, $1.25 100.
Buckley Plant Co., Springfield, Ill.

PHRYNIUMS.

Phrynium variegata, 4-in., $15.00 100. Cash.
Livingston Seed Co., Columbus, O.

POINSETTIAS.

Poinsettias, fine stock, 4 and 5-inch pots, 10 and 12 cts.; larger plants, 15 cts. Cash with order, please. R. G. Hanford, Norwalk, Conn.

PRIMULAS.

Primroses—Chinese, 3-in., $3.00; 3½-in., $5.00 100. Obconica, 2¼-in., $2.00 100 (300 for $5.00); 3-in., $3.00 100 (200 for $5.00); 3½-in., ready for 5-in., $5.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Improved Chinese primroses, large-flowering, fringed varieties, single and double, ready for 3-in., $2.00 100. Cash.
John F. Rupp, Shiremanstown, Pa.

Primroses, from finest imported seed, white, light pink, scarlet and blue, 3-in., $5.00 100.
N. Smith & Son, Adrian, Mich.

Chinese primroses, ready for 3½-in., $1.50 100. Cash. J. W. MILLER, Hatton, Pa.

Stock of primroses, Primula obconica, ready Oct. 15. N. O. Caswell, Delavan, Ill.

Chinese primroses, assorted colors, $2.00 100. Cash. Livingston Seed Co., Columbus, O.

Chinese, single mixed, 2¼-in., $1.50 100. Cash. Jos. H. Cunningham, Delaware, O.

Baby primroses, 3-in. pots, $3.50 100. Cash with order. Chas. P. Gulick, Kingston, N. J.

Chinese primroses, 2-in., nice, $1.50 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Baby Primrose, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

PRIMROSES, 4-in., $8.00 per 100.
C. WINTERICH, Defiance, Ohio.

PRIVET.

Choice California Privet, 2½ to 3 feet, $26.00 per 1000; 2 to 2½ feet, $23.00 per 1000; 20 to 24 inches, $18.00 per 1000; 12 to 20 inches, $10.00 per 1000; 1 foot and under, $6.50 per 1000. Also 6 to 8 feet, 25 for $5.00. F. O. B. and packing free for cash with order.
Atlantic Coast Nurseries, Office 606 Fourth Ave., Asbury Park, New Jersey.

ROSES.

SPECIAL OFFER, for October delivery, of American roses on own roots. Quantity limited. Two-year field-grown Magna Charta, Coq. des Alpes, Perle des Blanches, $12.00 100; La France, $15.00 100. Catalogue on application.
C. H. JOOSTEN, 178 Chambers St., New York.

Jacqueminot, Coq. des Blanches, La Reine, Queen of Prairie, Crimson Rambler, C. Soupert, etc., 2-yr. field-grown, or on own roots, 10c; 2d size, 6c. C. Soupert, 5-in. pot plants, clean foliage, full of bud and bloom, 18c.
W. H. Salter, Rochester, N. Y.

10,000 WHITE COCHET roses, selected, $6.00 100, $55.00 1,000; ordinary, $5.00 100, $40.00 1,000. All strong, 2 and 3-yr.-old plants.
H. F. MICHELL,
1018 Market St., Philadelphia, Pa.

Brides and Golden Gates, strong 3-in., $4.00 100, $30.00 1,000; 2-in. Maids, Brides and Golden Gates, $2.00 100, $20.00 1,000. Fine healthy stock.
W. H. GULLETT & SONS, Lincoln, Ill.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

Brides and Maids, 3-in., strong, $3.00 per 100. Cash. W. W. Stertzing, Maplewood, St. Louis, Mo.

ROSES—Continued.

Roses. 225 3-in. Brides, 225 3½-in. Maids and 200 3-in. Maids, all fine plants, the lot at $5.00 100.
W. F. KASTING, Buffalo, N. Y.

400 BRIDES, 300 each of GATES and BRIDESMAIDS, 3-in., $6.00 100.
LEO NIESSEN, 13th & Filbert Sts., Philadelphia, Pa.

200 Brides and Maids, strong, healthy 4-in. stock, $4.00 100.
Chas. Frueh & Sons, Saginaw, Mich.

500 extra strong Golden Gates, 4-in., $6.00 per 100.
CHICAGO CARNATION CO., Joliet, Ill.

3000 Crimson Ramblers, $9.00 to $12.00 per 100. Chas. Lenker, Freeport, L. I., N. Y.

Get list before buying. Stock fine, prices right. C. M. Niuffer, Springfield, O.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 18 to 24-in. high, 6-in. pots, $4.00 and $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

SALVIAS.

Salvia Silver Spot, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, St. Louis and Bonfire, 75c 100.
Buckley Plant Co., Springfield, Ill.

SEEDS.

Petunia seed. GIANTS OF CALIFORNIA, mixed, 1000 seeds, 40c; 10,000 seeds, $3.50. Double fringed, mixed, 1000 seeds, 70c; 10,000 seeds, $7.00. SHASTA DAISY SEED, 100 seeds, 25c; 1000 seeds, $2.00.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

Araucaria excelsa seed. Only once in three years is this seed obtainable from Australia. We offer, dozen, 25 cents; 100, $1.00; 1000 $8.00; 5000, $35.00. H. H. Berger & Co., 47 Barclay St., New York.

New crop of Burbank's Shasta daisy (1902), 25c 100, $2.00 1000, $18.00 oz. A. Sprengeri, $1.50 1000. Giant pansy, mixed, $1.00 oz., $10.00 lb.
California Carnation Co., Loomis, Cal.

DANISH CAULIFLOWER SEED. New crop now ready direct from grower in Denmark. Write for terms on large or small quantities.
HANSEN & CO., Box 470, Stamford, Conn.

The famous JENNINGS' strain of pansy seed, $1.00 pkt., $5.00 oz. Cash.
E. B. Jennings, Box 254, Southport, Conn.

Aster seed, Semple's white and mixed. Send for sample.
Michigan Seed Co., South Haven, Mich.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

PANSY SEED. Genuine Mme. Perret and leading kinds. BEAULIEU, Woodhaven, N. Y.

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SMILAX.

About 20,000 good healthy smilax plants must be sold at once to make room. While stock lasts prices are reduced to $6.00 1000, 80c 100 for 2-in.; $15.00 1000, $2.00 100 for 3-in. This is good straight stock and will give satisfaction. R. Kilbourn, Clinton, N. Y.

SMILAX SPECIAL. 2000 No. 1 smilax at $10.00 1000 if taken at once.
Geo. A. Kuhl, Pekin, Ill.

Smilax, 2¼-in., $1.00 100; $9.00 1,000. Bargain. W. Stuppe, Westbury Station, N. Y.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C. Betscher, Canal Dover, O.

Smilax, extra strong 2¼-in., $1.00 100, $8.00 1000. Buckley Plant Co., Springfield, Ill.

Smilax, 2½-in., strong plants, $1.00 100; $8.00 1000. J. C. Schmidt, Bristol, Pa.

Fine, strong smilax, worth planting, $1.25 per 100. Otto Hansen, Mont Clare, Ill.

Smilax, 2-in., 50c 100, $5.00 1000.
S. T. Danley, Macomb, Ill.

Smilax, strong, 3-in., $3.00 100.
EVENDEN BROS., Williamsport, Pa.

Smilax, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

STOCKS.

White stocks, 2¼-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

SWAINSONAS.

Swainsona alba, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

UMBRELLA PLANTS.

Cyperus alternifolius, outdoor-grown, 3-in., ready for a shift, $4.00 100. N. Smith & Son, Adrian, Mich.

Umbrella plants, from flats, $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Umbrella plants, 4-in., $4.00 100. Cash.
Livingston Seed Co., Columbus, O.

VEGETABLE PLANTS.

Curled winter lettuce plants, $1.00 1,000. Fine, strong plants. J. B. Rapp, Box 66, Owensville, Ohio.

VEGETABLE PLANTS. All vegetable plants in their season, by the 100, 1000 or 10,000.
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Moss-curled parsley, fine roots, 50c 100.
GEO. ENGEL, Xenia, Ohio.

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Our 20th century collection; 25 of the latest mammoth varieties; labeled; strong plants, 2¼-in., $1.50 100, $14.00 1000.
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Lemon verbenas, 2¼-in., $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca var., strong field-grown, $3.00 100, $25.00 1,000; rooted tips, 50c 100, $4.50 1,000. Cash. Dann & Son, Westfield, N. Y.

Vincas. Large field-grown plants, nicely bunched, fine runners, $4.00 per 100.
E. E. SMITH & SONS, Penn's Grove, N. J.

Vinca major variegata, large field-grown clumps, 12 to 20 runners, $8.00 100.
N. SMITH & SON, Adrian, Mich.

Variegated vincas, large field-grown, $4.00 100. See COLEUS for another bargain.
J. A. WIBE, Downers Grove, Ill.

Vinca var. from field, strong plants, $5.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Variegated field-grown vincas, $5.00 100.
A. SCHMITT, Glenville, Ohio.

VIOLETS.

Healthy field-grown Campbell violets now ready. No. 1, $3.00 per 100, $25.00 per 1000; No. 2, good plants, $1.50 per 100, $13.00 per 1000. Packed to carry safely. Cash with order from unknown parties.
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Princess of Wales and California violets, extra strong field-grown plants, $4.00 per 100; $35.00 per 1,000.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Violets. Fine, large field clumps of hardy English (dbl. dark blue), $1.75 per doz., $10.00 per 100. 2000 each of Marie Louise and Campbell, 3-in. pots, $3.00 per 100.
GEO. ENGEL, Xenia, Ohio.

Princess of Wales and Lady Campbell violet plants. Strong, field-grown clumps from sand struck cuttings. $5.00 per 100, $40.00 per 1,000. Samples, 10 cents.
The Albert H. Brown Co., Westboro, Mass.

Marie Louise, Campbell and Swanley White, 2½-in., strong, $3.00 100, $25.00 1000. California, field clumps, $3.00 100, $25.00 1000. All fit to bench now. Cash.
Benj. Connell, West Grove, Pa.

Imperial, M. Louise and Swanley White violets, 3-in., $3.75 100; $35.00 1,000. Campbell, $3.50 100, $30.00 1,000. Field-grown Imperial, $3.50 100. Crabb & Hunter, Grand Rapids, Mich.

Princess of Wales violet plants. A few thousand at $7.00 per 100. These are fine plants and will plant about 15x15 inches.
WM. SIM, Cliftondale, Mass.

Marie Louise violets, thrifty field-grown plants, now established in 4-in. pots, $1.25 doz., $8.00 100, $75.00 1,000.
H. A. DREER, Philadelphia, Pa.

Violets. Imperial, 4-in. pots, $5.00 100; Farquhar, 2½-in., $3.00 100. Strong plants free from disease. Chas. H. Green, Spencer, Mass.

Violets, California, extra strong, healthy, field-grown clumps, $4.50 per 100. Cash. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

MARIE LOUISE violets, fine, healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Fine, healthy violet plants from field, $4.00 100, $35.00 1000.
C. C. POLLWORTH CO., Milwaukee, Wis.

California violets, field-grown, second size, $3.00 100. N. Smith & Son, Adrian, Mich.

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MUST CLEAN UP. 100.
Geraniums, 3-in. pots $1.50
Begonias, mixed, 3-in. pots..... 1.50
Coleus, mixed, 3-in. pots..... 1.00
Umbrella plants, 4-in. pots..... 3.00
BE QUICK.
Elmer Marsh, Vienna X Roads, Ohio.

TO EXCHANGE.

To Exchange.—Burbank'a Shasta daisy, 2-in., $10.00 per 100; Asparagus Sprengeri from flats, $1.00 per 100, $7.50 per 1,000; unrooted Tidal Wave, Genevieve Lord, Joost and Eldorado carnations at $5.00 per 1,000, fine short-jointed; Shasta daisy seed, 25c per 100, $2.00 per 1,000; Asparagus Sprengeri seed, $1.50 per 100; panay seed, Giant-flowering, mxd., $1.00 per oz.; smilax seed, 50c per oz., $3.00 per lb., for geranium rooted cuttings, 2-in. Boston ferns, mixed ferns from flats and small kentia palms. Express paid both ways by us.
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Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express. 16 and 18 lbs.
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Choice recleaned Canary, Rape, Henning's Mocking Bird Food, Song Restorer, Bird Tonic, Fish Food, Bird Fanciers' Supplies. Send for samples and price list
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Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
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Our box sells on its merits.
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Fancy and Dagger ferns, $1.00 per 1000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

SEMINOLE SPECIALTIES—Prepared Palm and Cycas Leaves—Green Palm Leaves, Trunks and Crowns—Spanish Moss-Needle Pines—Fresh Cut Cycas Leaves.
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Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
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We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass.
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Florists' Specialties in Glass, Paint and Putty. Instructive advertising free for the asking. Write JOHN LUCAS & CO., Philadelphia, Pa.

80 boxes, 18x20, double-strength A glass (new), $4.50 per box; all or part. Cash.
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GOLD FISH.

Six beautiful goldfish, $1.00. Express prepaid in U. S.
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Good Hose. J. G. & A. Esler, Saddle River, N. J.

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Fostite, the standard remedy for mildew and black rot on roses, carnation rust, etc., $2.50 for 25-lb. box.
C. H. JOOSTEN, 178 Greenwich St., N. Y.

DUNNITE, a formula for preventing and remedying BLACK SPOT on rose plants. Write us.
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Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

Tobacco stems, fresh and strong, bale of 300 lbs., $1.50. W. C. Beckert, Allegheny, Pa.

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GOOD THINGS!
HAMMOND'S GREENHOUSE WHITE PAINT and TWEMLOW'S OLD ENGLISH LIQUID GLAZING PUTTY. In use by some of the largest florists in the United States. Write us for prices.
HAMMOND'S PAINT AND SLUGSHOT WORKS, Fishkill-on-Hudson, N. Y.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E. Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St., (near Wrightwood Ave.), Chicago.

Red pots. Write for prices and sample pot.
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Those RED pots. The right kind.
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Sphagnum moss of first quality. Can ship at a moment's notice—2 bales, $1.50; 10-bale lots, $6.00. Z. K. Jewett & Co., Sparta, Wis.

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American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

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We are the largest manufacturers of wire work in the west. McKellar & Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

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FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

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INDIANAPOLIS, IND.

A Hail Storm.

On October 16 this city was visited by a very heavy hail storm and considerable greenhouse glass was broken. The heaviest sufferer was Henry W. Rieman, whose loss will be several hundred dollars when the loss on stock is reckoned in. Henry had just finished building a new house and overhauling his old ones and had finished up a hard season's work when the hail came and smashed enough glass to keep his force busy for another couple of weeks.

At E. Huckreide & Sons' place the damage was not so heavy, but it will take several boxes of glass and several days' time to repair it.

Bertermann Floral Co. report about $10 loss in glass broken.

At A. Wiegand & Son's it did more damage, and perhaps $50 will cover the loss.

All the growers in the north end escaped without a single pane being broken, although it looked pretty serious for a while.

The weather has been very favorable ever since the storm to those who suffered and repairs are well under way.

A. B.

KANSAS CITY, MO.

Prospects for the All-American Flower Show to be held here, as you all know, from Nov. 3 to 8, are fine. Last year we had the arena floor only for exhibition space. This year we have nearly doubled our space by the addition of the roof garden, and still this will not be enough. Director General Taggart suggests a hanging garden, but it can't be done in time, so it will have to be cut out. I am greatly encouraged at the positive assurance that at Kansas City the All-American Flower Show will be what it is intended to make it, and I shall not be surprised if my sanguineness is eclipsed. For instance, regarding the class for ninety-six chrysanthemums in variety, to be shown on our Mossed Banks, an exhibitor of importance wrote me saying that nobody could expect to show even seventy-two varieties, but this morning I have a letter stating that he already has one hundred and forty varieties in sight, so there you are. You all want to see our poster and you all want to hear our music. I'll tell you more next week.

Uncle John.

Colorado Springs, Colo.—Mr. Wm. Henry Evans, of the Farm Greenhouses, and Geo. Wright, of the Broadmoor Floral Co., have combined their interests into one concern, to be known as the Colorado Springs Floral Co. The new firm will open a retail store at 10½ E. Pike's Peak avenue, and are fitting it up in first-class style. There will be a conservatory in the rear. The company has arranged with Mr. J. V. Phillips, of New York, to take charge of the store.

Don't You Forget

SIEBERT'S ZINC NEVER RUST GLAZING POINTS

are positively the best. Last forever. Over 6000 lbs. now in use.

A sure preventive of glass slipping. Effective on large or small glass. Easy to drive, easy to extract.

Two sizes, ⅝ and ⅞. 40c a lb.; by mail, 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00, by express.

KIND WORDS NEVER DIE.

Bellevue, Pa.

Chas. T. Siebert:—Please book my order for 100 lbs. of Zinc Never Rust Glazing Points. I have used five different kinds in the past 12 years, and none of them gave me satisfaction like yours. They will stay in, are easy to drive, no rights or lefts, will hold the glass in place, and do not rust away like all others I have used. Your Zinc Points are easy to take out when making repairs. I have used about 100 lbs. of your Zinc Points in the last two years, and I am perfectly satisfied with them.

Yours truly, F. BURKI.

Cleveland, Ohio.

Chas. T. Siebert:—In our 25 years' experience with glazing points of all kinds, I can say your zinc points are the best to date.

CHAS. H. WILSON,
Mgr. for Grant-Wilson Floral Co.

Lockland, Ohio.

Chas. T. Siebert:——I must say the Zinc Points have given great satisfaction. I have over 100 lbs. on my houses, and feel justified in stating that they are the best point on the market. Yours respectfully.

W. K. PARTRIDGE, Florist.

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J. M. McCullough's Sons..Cincinnati, Ohio
Carneal & Davis.....Richmond, Va.
Chas. T. Siebert, Station B, Pittsburg, Pa.

Mention The Review when you write.

Roses and Carnations...

3000 strong 3-in. Brides, and Golden Gates, $4.00 per 100; $30.00 per 1000. 2-in., Brides, Golden Gates and Maids, $2.00 per 100; $20.00 per 1000. Fine healthy stock.

3000 very strong field carnations, Marquis and Scott, 12-15 inches across, $4.50 per 100. A great bargain at this low price. 4-in. plumosus, $15.00 per 100. Some good 4-in. pipe, $8.00 per 100 ft.

W. H. GULLETT & SONS, Lincoln, Ill.

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Primroses...

IMPROVED CHINESE. Finest large-flowering fringed varieties grown. Single and double, ready for 3-inch pots, $2.00 per 100.

Cash. Extras added liberally.

JOHN F. RUPP, - - SHIREMANSTOWN, PA.
The Home of Primroses.

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ASPARAGUS PLUMOSUS NANUS

Strong and Bushy, 3-in. pots, per 100, $5.00.

TOBACCO STEMS. FRESH AND STRONG.

Bale of 300 lbs, $1.50.

W. C. BECKERT, Allegheny, Pa.

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Cyclamen Giganteum or Persicum. Extra fine plants; ready for shifting for Christmas blooming. 3-in., $5.00. Cinerarias, 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. Primulas—Chinese—3-in., $3.00; 3¼-in., $5.00 100; Obconica—2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100, 200 for $5.00; 3½-in., ready for 5-in., $5.00 100. White Stocks, 2¼-in., $2.00 100.

Asparagus Sprengeri, 2¼-in., $1.50 per 100.

Umbrella Plants, from flats, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Stumpp & Walter Co

NARCISSUS
Paper White Grandiflora
$8.00 per 1000; $37.50 per 5000; $70.00 per 10,000.
50 BARCLAY STREET,
NEW YORK.
Branch Store, 404 East 34th Street.

WASHINGTON.

Mrs. Frederica A. Gude, Sr., died October 15 of heart failure, after a short illness, at the residence of her son, William F. Gude, 3900 New Hampshire avenue, N. W., where the funeral was held, Friday, Oct. 17, and the interment was at Prospect Hill Cemetery.

In respect to her wishes her six sons acted as pallbearers—George A., Henry W., Charles, Adolphus, Alexander and William F. Gude.

Mrs. Gude had been a widow since Jan. 17, 1887, and when her husband died the above six sons acted as pallbearers. She was seventy-five years, two months and twenty-five days old. She leaves six sons and twenty-two grandchildren.

Mrs. Gude was born in Bieblingen, Wurtemberg, Germany, July 20, 1827; came to America in 1852 and was married in Lynchburg, Va., in 1853. She had nine children, seven sons and two daughters; three died in infancy and six sons survive. She had been a resident of this city for only about one year, having lived at Takoma Park, Maryland, for the previous thirty-one years.

BOSTON.

The Market.

The heavy increase in the chrysanthemum department is the only noticeable feature, but high water mark is hardly reached yet. One more week will probably see this point and a longer scale of prices. The remnant of present crops will sell lower, and later crops of larger varieties will extend the list in the other direction. Trade is very good indeed, and there seems to be just about enough material coming in to supply all demands.

"No news is good news" and there is lots of that kind. Bad colds are prevalent and some severe cases are reported. H. M. Robinson, the stocky little fern man, is out after a long siege of sickness and is not quite so stocky. Also M. B. Bunker is up and around after a short lay-up. J. S. Manter.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging the seedlings and sports:

Cincinnati, Oct. 18.—Harry M. Altick, Dayton, Ohio, exhibited Estelle, a Japanese reflexed, white variety, which scored 85 2-3 points commercial scale. "It is a white sport of Glory of Pacific, different from Pacific, Polly Rose or White Pacific by being built up in center, one-third deeper and petalage being more irregular than above named. Mr. Altick claims it to be earlier by a week than Pacific grown under same conditions. He began cutting same on Oct. 4, 1902."

Edwin Lonsdale, Secretary.

Palms and Decorative Plants

A large and complete stock of all the leading varieties in the best possible condition, from 2½-inch to fine perfect specimens in 10-inch pots.

Now is the time to order as I can supply better stock and they can be shipped by freight.

For a full description as to prices, sizes, etc., send for Price List.

LEMUEL BALL, Wissinoming, Phila., Pa.

Mention The Review when you write.

Burpee's Seeds Grow

BRUNNERS
We have a very fine stock of
ULRICH BRUNNER ROSE
from hard wood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at $5.00 per 100; $45.00 per 1000.
THE DINGEE & CONARD CO.
WEST GROVE, PA.
Mention The Review when you write.

Palms Home Grown, Fine Clean Stock, Grown Cool.
ASPARAGUS SPRENGERI. 3-inch pots, nice plants, $4.50 per 100.
J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.
Mention The Review when you write.

Pandanus Veitchii.
Strong plants from 6-inch pots, 18 to 20 inches high above pot, $12.00 a dozen.
JOHN WELSH YOUNG,
GERMANTOWN, PHILADELPHIA, PA.
Upsal Station, Penn. R. R.
Mention The Review when you write.

For Fall Planting—Large-Flowered Clematis. Finest purple, white, lavender and pink sorts, 2 years fine field-grown or from 5-inch pots, at 18c; 1 year fine field-grown or from 3-inch pots, 9c. Clematis Paniculata fine 2 year field-grown plants, 6c. Roses—Gen. Jacqueminot, Coquette des Blanches, La Reine, Queen of the Prairie, Crimson Rambler, Clothilde Soupert, etc., 2 year fine field-grown on own roots 10c; second size, 6c. Hydrangea P. G.—nice plants, 8c; well rooted layers, 2c. Japan Gold Leaf Honeysuckle, well rooted layers, 5c. Packing free for Cash.
W. H. SALTER, Rochester, N. Y.

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The Cottage Gardens,
QUEENS, L. I., N. Y.
Send for Price List of
Peonies, Herbaceous Plants, Phlox, Azaleas, Specimen Trees and Shrubs.
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CHAS. D. BALL,
GROWER OF Palms, Etc.
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
Mention The Review when you write.

Asparagus Plumosus!
Fine strong 3-in. plants, ready for a shift, $5.00 per 100.
VAN WERT GREENHOUSES
VAN WERT, OHIO.
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The New Nephrolepis Fern
ANNA FOSTER
Small plants, $25.00 per 100; delivery after September 1st.
KENTIA PALMS, good, 50c, 75c and $1 each.
BOSTON FERNS, now ready at $25.00 and $50.00 per 100.
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SMILAX, strong 2-inch, $1.25 per 100.
GERANIUMS, mixed, $1.25 per 100.
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HEADQUARTERS FOR

ASPARAGUS PLUMOSUS NANUS

W. H. ELLIOTT

BRIGHTON, MASS.

Cut Strings, 50 Cents each.

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THORBURN'S SEEDS

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SPECIAL LOW PRICES

.....ON.....

Lilium Harrisii,

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We have unexpectedly received a large consignment.

J. M. THORBURN & CO.

36 CORTLANDT STREET, NEW YORK.

The GLENWOOD NURSERIES

EVERGREENS.

The largest and most complete assortment of **Specimens**, sheared and of natural form. All root pruned and carefully grown.

Evergreen Trees, Evergreen Shrubs and **Vines** for window boxes and Winter decorations.

DECIDUOUS TREES.

20,000 **Oriental Plane Trees**, 6 to 14 feet.

25,000 **Oaks**, in variety, 6 to 14 feet.

100,000 **Maples**, in variety, 8 to 18 feet.

Beech, Birch, Ash, Elms, Ginkgo Poplars and other leading varieties.

HEDGE PLANTS.

200,000 **California Privet**, 1 to 4 feet. The finest grown.

Osage Orange, Berberry Thunbergii, Altheas, etc.

FLOWERING SHRUBS.

15,000 **Hydrangea Paniculata Grandiflora**, 1 to 4 feet.

5,000 **Deutzias (Gracilis** and **Lemoinei)** for forcing.

A complete assortment of Shrubs of all sizes, including quantities of large shrubs for immediate effect plantings, as well as smaller grades.

Climbing Vines.

5,000 **Ampelopsis Veitchii**, 1 and 2 years.

20,000 **Hall's Japan Honeysuckle.**

20,000 **Clematis Paniculata.**

English and **Irish Ivies, Wistarias** and other vines.

Crimson Rambler, Wichuraiana and other climbing and running roses.

Special Quotations to large buyers. New Trade List now ready.

Descriptive Illustrated Catalogue on application.

THE WM. H. MOON CO., MORRISVILLE, PA.

60 miles from New York. 30 miles from Philadelphia.

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Prepare advs. now

FOR OUR SPECIAL

Thanksgiving Number

To be issued **Nov. 13.**

No. 1 SMILAX SPECIAL

2000 to close out at $10.00 per 1000 if taken at once, need room.

GEO. A. KUHL, PEKIN, ILL.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,

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B. & A. Specialties.

Dutch, French, Chinese and Japanese Bulbs.

AZALEAS for Easter forcing in all sizes and the finest New York market varieties. KENTIAS in all sizes from 2-in. pots up to 10 ft. specimens. Evergreens and Boxwood for window boxes and outdoor planting.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Mention The Review when you write.

KANSAS CITY.

With all the vast area of space in Convention Hall it seems from the great number of entries in the different classes that its capacity is going to be taxed to hold them all. Uncle John Thorpe announced today that it was no longer a question of getting the flowers, but rather a question of getting room for them all. Especial attention is being devoted to a pyramid of salvia. This will be twenty-four feet high and capped by a revolving electrical ball. A thousand lineal feet of boxes 10x12 inches is required to make the pyramid, the salvia plants standing about twenty-four inches high. At Director General Taggart's request flowers from the White House greenhouses will be used in the facsimile White House at the show.

Mention of a swindler was made in your St. Louis notes last week. The same swindle was perpetrated here. The man, who is very smooth, would enter a flower store and order a funeral piece, presenting a check for more than the price. In this way Arthur Newell, who is usually hard to beat, was taken in for $10 and John Schneider contributed $4 to the cause. The swindler was caught, however, and his photo will appear next week.

John Schneider says he has bought a ten-acre farm and is going into a summer resort business. He thinks it will pay as well as the florists business, and a fellow don't have to keep such a sharp lookout for those bogus check fellows, you know.

This market is a glut on cheap mums and early in the week plenty of them were sold at $3 per hundred. A few dozen choice Appleton, grown by Vesey, brought $3 per dozen, but they are not far enough advanced to have much quantity.

The closer it gets to show week the more apparent it becomes that chrysanthemums in this locality will not be in on time. While this will not cut much figure as far as the show is concerned, yet as a matter of local pride, we would like to keep a few of those premiums in Kansas City.

This glorious weather is bringing them along and we will have to be content with hoping for the best.

JOHN H. VESEY.

CLEBURNE, TEX.—J. S. Boyd has bought the Chas. Andrews greenhouses and has added them to his own. Trade is much better than last year.

THE Pittsburg Cut Flower Co., Pittsburg, Pa., has issued a very handsomely illustrated and finely printed catalogue of florists' supplies.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

The GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.

BUCKLEY'S October Offer!

GERANIUMS—Extra strong rooted cuttings true to name. **Jean Viaud** (the pink novelty), $2.00 per 100, $18.00 per 1000 S. A. Nutt, Alp. Riccard, Beaute Poitevine, E. G. Hill, Frances Perkins, Mme. Jaulin, Mme. Bruant, Duchess of Orleans, Thos. Meehan, L. P. Morton, La Favorite, Gaar, $1.50 per 100, $14.00 per 1000.

VERBENAS—Our 20th Century Collection, 25 latest mammoth varieties to date, labeled, strong plants, 2¼-in. pots, $1.50 per 100, $14.00 per 1000.

SMILAX—Extra strong plants, 2¼-in., $1.00 per 100, $8.00 per 1000.

ASPARAGUS SPRENGERI—Extra fine, 2½-in., $2.00 per 100; 2-in., $1.25 per 100.

PETUNIAS—Ten novelties from Dreer's and Henderson's latest sets; strong R. C. $1.25 per 100.

FEVERFEW—Little Gem, strong R. C., 75c per 100.

MARGUERITE—Chrysanthemum Frutescens, white and yellow, $1.00 per 100.

SALVIA—The two best, St. Louis and Bonfire 75c per 100.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

2000 STOCK PLANTS OF

Lady Harriet

Best Early Pink Mum.

Guaranteed True Stock, $6.00 per 100.

GUSTAV A. LOTZE, Glen Burnie, Md.

Mention The Review when you write.

Prepare advs. NOW

FOR OUR SPECIAL

Thanksgiving Number

To be issued

November 13.

PRIMULAS,

Chinese Primroses,

in assorted colors, **$2.00** per 100, fine plants.

ASPARAGUS PLUMOSUS, 2-inch pots, at **$3.00** per 100; **$25.00** per 1000.

PHRYNIUM VARIEGATUM, out of 4-inch pots, at **$15.00** per 100.

UMBRELLA PLANTS, out of 4-inch pots, at **$4.00** per 100.

ARECA LUTESCENS, fine stocky plants, out of 7-inch pots, at only **75c** each.

Cash with order.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

BOSTON FERNS!

We are headquarters in the west for them. Write us about 2½, 3, 4, 5, 6, 7, 8 and 10-inch sizes.

Asparagus Plumosus ....and Sprengeri!

2½, 3, 4 and 5-inch.

Smilax. 2 and 3-inch.

A lot of 5-in. **Hibiscus** to close, $1.50 per doz.

Cinerarias. In 2½ and 3-inch.

Geraniums. R. C. now ready. Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

VIOLETS, Imperial, M. Louise, Swanley White, 3-in. pots, $3.75 per 100: $35.00 per 1000. Lady Campbell, $3.50 per 100; $30.00 per 1000. Field-grown Imperials, $3.50 per 100.

CARNATIONS, Crane, Mme. Chapman, Flora Hill, White Cloud, etc. Write for prices.

CRABB & HUNTER, Grand Rapids, Mich.

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ASPARAGUS SPRENGERI -- FIELD-GROWN.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

ADIANTUM CAPILLUS VENERIS—One of the best for fern dishes and other decorative work, 2½-inch pots, $3.00 per 100.

ADIANTUM CAPILLUS VENERIS IMBRICATUM—Excellent for filling fern dishes, wide pinnates like Farleyense, 2½-inch, $5.00 per 100.

ANEMONES—Japonica Alba, $6.00 per 100; Elegantissima, a new variety of exceptional merit, $10.00 per 100; Lady Ardilaun, $8.00 per 100; Queen Charlotte, $8.00 per 100; Rosea Superba, $12.00 per 100.

BEGONIA INCARNATA—The most useful begonia for Winter-flowering, 3-in. pots, $8.00 per 100.

CAREX JAP. VARIEGATA—A useful decorative grass, 2¼ inch pots, $2.50 per 100.

CINERARIA STELLATA—From 2 to 4 ft. high. The plants make a most effective display, either as a specimen or in groups. 3-in. pots, $5.00 100.

CYPERUS ALTERNIFOLIUS—Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100.

NEPHROLEPIS DAVALLIOIDES FURCANS—We consider this to be the handsomest fern in cultivation. Has no equal as a Christmas plant. Have a fine lot in 5 and 6-inch pans, $5.00 and $6.00 per 100.

PHALARIS ARUNDINACEA VARIEGATA—Of the variety which retains its bright variegations of white and green throughout the season. Can highly recommend it as an effective border plant. Large field-grown clumps, $6.00 per 100.

PRIMROSES—(Chinese)—Separate colors, white, light pink, scarlet and blue. From the finest imported seed; 3-inch pots, $5.00 per 100.

PTERIS CRETICA ALBO-LINEATA—Variegated, very useful and pretty, 2½-inch pots, $3.00 per 100.

PYRETHRUM—(Hybridum)—Gives the best satisfaction both as to variety of color and freedom of bloom. The colors range from pure white to deep blue; field-grown, $8.00 per 100.

TRITOMA UVARIA GRANDIFLORA—An old stand-by. Strong divisions, $5.00 per 100.

VALERIANA OFFICINALIS—(Garden Heliotrope)—Strong divisions, $5.00 per 100.

VINCA MAJOR VARIEGATA—Large field-grown clumps with 12 to 20 runners. A good seller during the winter. $8.00 per 100.

VIOLETS—CALIFORNIA—Field-grown, second size, $3.00 per 100.

NATHAN SMITH & SON, - ADRIAN, MICH.

Mention The Review when you write.

Fine Grafted. **ORANGES** Bearing Sizes.

12-inch, bushy, from 4-inch pots,	$20.00 per 100
15-18 " " " "	30.00 "

KIN KANS. Per 100

10-12-inch, bushy, from 4-inch pots	$20.00
15-18 " " " "	30.00

LEMONS. Per 100

12-15-inch, bushy, from 4-inch pots	$20.00
18-24 " " " "	30.00

ROSES. Per 100

Climbing Clothilde Soupert, strong field-grown	$10.00
Crimson Rambler, strong, field-grown	7.00

CLEMATIS APIIFOLIA.

A fine variety. Somewhat similar to C. Paniculata, but blooms earlier and lasts longer. Strong plants from 3-inch pots, $8.00 per 100. (Not less than 40 of a class at 100 rate.)

CITRUS TRIFOLIATA.

(Best defensive hedge plant.) Per 1000

Strong 2-year-old, field-grown	$15.00
Strong 3 " "	20.00

AMOOR RIVER PRIVET.

(Better than California Privet.) Per 1000

18-24-inch, branched	$15 00
24-36 " "	20.00

(Not less than 400 of a class at these rates.

Rubbers, Kentias, Phoenix, Latanias, Pandanus, Ornamental Trees and Shrubs in large quantities. Write for catalogue.

P. J. BERCKMANS CO. (Inc.)

FRUITLAND NURSERIES. AUGUSTA, GA.

Established 1856.

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The Florists' Hail Association

has paid over $53,000 for glass broken by hail during the past 15 years. For particulars

Address JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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DREER'S Importation of AZALEAS

LARGEST IMPORTS --- FINEST VARIETIES --- BEST VALUES.

Our importations of Azaleas are the most extensive that reach the United States, our stock is grown by the most experienced growers in Belgium and, as we buy for cash, we secure the best values and can give you best values in return.

We have commenced shipping and if you have not yet placed your order we would advise you to do so at once in order to take advantage of low import prices as well as of low cost of transportation, as the plants can at this season be safely shipped by freight.

10 to 12 in. crowns, bushy plants, **$4 50** per doz. **$35.00** per 100.

12 to 14-in. crowns, bushy plants, **$6.00** per doz. **$45.00** per 100.

14 to 16-in. crowns, bushy plants, **$7.50** per doz. **$55 00** per 100.

16 to 18-in. crowns, bushy plants, **$12.00** per doz. **$90.00** per 100.

18 to 20-in. crowns, bushy plants, **$25.00** per doz. **$200.00** per 100.

20 to 24-in. crowns, bushy plants, **$36.00** per doz. **$300.00** per 100.

Azalea Mme. Van der Cruyssen has never been so scarce as this season but we are still in position to include 10 per cent. of this variety in assorted lots.

VIOLET MARIE LOUISE.

A fine lot of thrifty, field-grown plants now established in 4-in. pots, **$1 25** per doz.; **$8.00** per 100; **$75.00** per 1000.

HARDY HERBACEOUS PLANTS.

We are headquarters for these popular plants. Write us for anything that you may require in this line

For best values in DECORATIVE PLANTS see our Quarterly Wholesale List.

HENRY A. DREER, - PHILADELPHIA, PA.

Mention The Review when you write.

Mum Stock Plants

White and Yellow Fitzwygram; White, Yellow, Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wannamaker, Bunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Peerin, Morel, Murdock, Autumn Glory, Keno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100.

Stock will be shipped as soon as cut down.

POEHLMANN BROS. CO.

MORTON GROVE, Cook Co., ILL.

Mention The Review when you write.

Vegetable ....Plants

CABBAGE—Jersey and Chas. Wakefield, Early and Late Flat Dutch, Succession and Drumhead, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE—Big Boston, Grand Rapids, Boston Market, and other varieties, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—In varieties, 15 cts. per 100; $1.00 per 1000.

LEEK—15 cts. per 100; $1.00 per 1000.

PARSLEY—Strong, 40c per 100; $1.50 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

Mention The Review when you write.

Eucharis Grandiflora

It is a mistake to associate this flower with Eucharis Amazonica. The free-blooming qualities of the grandiflora are so much superior that the other cannot be brought in comparison at all except through its similar beautiful flowers. Eucharis Grandiflora will give five crops of bloom, properly handled, to one of Amazonica. It is one of the most profitable and successful flowers for florists to grow who wish something fine for funeral and wedding work.

A stock of bulbs once secured and let alone will produce from time to time through the season a beautiful show of flowers that can be compared to no other white flower for beauty and fragrance. It is both delicate in texture and fragrance, and its lasting qualities are superior to most of the white flowers of this class. It only needs a warm, shady corner of the house and very little care and the blooms will come in at seasons when white flowers are very scarce.

We still have a supply left and prices are offered the same as in former advertisement, $2.50 for large clumps of 15 to 20 bulbs, which are in bloom at the present time, and $10.00 per 100 for single flowering bulbs. The clumps will bloom again for the holidays with proper handling.

Sample flowers, with full instructions for growing will accompany all purchases.

All orders Cash.

"CRITCHELL'S"

Avondale, CINCINNATI, OHIO.

Mention The Review when you write.

Begonias OUR GREAT SPECIALTY.

Mrs. Shepherd's Tree Begonia, assorted, 2½-in. pots, strong, $2.00 per doz., delivered.

Marjorie Daw, fine Winter bloomer, 2½-in. pots, $1.60 per doz., delivered. Larger sizes on application. **Many other Begonias** in great variety. Send for Catalogue and Trade Lists.

THEODOSIA B. SHEPHERD CO.,
Ventura-by-the-Sea, CALIFORNIA.

Mention The Review when you write.

C. H. JOOSTEN, Importer, 178 CHAMBERS STREET, New York.
500 at the rate per 1000. For less than 500 add 10 per cent.

WHY PAY MORE? Cash with order please.

Mixed Single Dutch Hyacinths For forcing or bedding. Separate colors. Red and blue, per 1000, $22.00; white, per 1000, $25.00.

Dutch Roman or Miniature Hyacinths The scarcity, high price, and unhealthy condition of French Roman Hyacinths make the Miniature Dutch Hyacinth a desirable substitute. **Leading named sorts for forcing**; white, per 1000, $17.50; red and blue, $15.00. **In select mixture**, separate colors: white, per 1000, $16.50; red and blue, $14.00. All colors mixed, per 1000, $14.00.

Narcissus Von Sion, double headed, $17.00; Von Sion, first size, $12.00. Narcissus Poeticus, $3.00.

Tulips Duc van Thol, scarlet, $9.00; Duc van Thol, double red and yellow, $6.00; Duchesse de Parma, $6.50; Keizerskroon, $10.00; Rachel Rutsch $8.00; Yellow Prince, $9.00; La Candeur, $8.00; Tournesol red and yellow, $10.00.

TORONTO.

Trade during the last week has been good, both in the city and country, and wholesale men report the shipping trade good. This speaks well for the prosperous condition of the country, and although many of our local florists were afraid the high price of coal was going to somewhat injure the floral trade, yet thus far it has not been noticed, and reports indicate that the sales are much ahead of this time last year. A number of October weddings has helped the sale of cut flowers, and while there has not been an over rush of design work, yet it has been steady.

Chrysanthemums are now with us in good supply, and we note some very fine stock. The price has dropped considerably since last week and we now see very good stuff for as low as $5 per hundred. Carnations have been very scarce, and this is more noticeable as the demand has been great. Roses, in most cases, were not equal to the demand, although we note one of our departmental stores selling good roses at 25 cents per dozen, which we learn were put in by one of our large rose growers at $1.50 per hundred. We hear considerable comment by our local dealers who have to pay $4 for the same stuff. Sorry that it should be so.

W. Jay & Son have their new refrigerator and show case in place and when the new front is completed they will have one of the most convenient as well as the showiest stores in Toronto. Their position on Spadina avenue is a stand that certainly deserves a good store, and we hope they will realize that the change was a good move.

W. J. Lawrence, North Toronto, has completed his new range of rose houses, and although his stock suffered somewhat from not having the houses completed in time, yet they are commencing to make good growth. W. J. always made a hobby of rose growing, and now as he has what he considers an ideal range of houses, we expect to hear from him later.

Toronto Floral Co.'s rose houses, which have been considerably off crop this last two weeks, are now showing some good blooms.

Charles Turp, we believe, is cutting the best carnations in the market, while for violets we believe George Gard, of Pape avenue, takes the cake.

D. J.

SPRINGFIELD, MASS.

Mr. Chas. Kerrigan has resigned the position of salesman for the Murphy Co. and will accept a similar position in Boston.

F. R. Pierson Co.'s salesman was a visitor in town last week. He is booking orders for Nephrolepis Piersoni.

Trade in general is continually increasing. Mums are beginning to make their appearance. The growers in this vicinity promise an unusually large crop this season.

Ino.

FIELD=GROWN CARNATION PLANTS

4000 Extra Fine Marquis, $4.00 per 100.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

EXTRA FINE FIELD-GROWN

Carnation Plants.

500	Prosperity	$8.00 per 100.
1500	Wm. Scott	5.00 "
2000	Ethel Crocker	5.00 "
1500	Cartledge	4.00 "
1500	McGowan	4.00 "
400	Hill	5.00 "
1000	Mrs. Joost	6.00 "
300	Maceo	7.00 "
1000	Fisher	4.00 "
1000	Norway	7.00 "
400	Brides..... 3-inch pots.	6.00 "
300	Gates..... " "	6.00 "
300	Bridesmaids " "	6.00 "

LEO NIESSEN

WHOLESALE FLORIST,

N. W. Cor. 13th and Filbert Streets,

PHILADELPHIA, PA.

Mention The Review when you write.

LILLIAN POND....

THE LARGEST AND BEST WHITE.

A pure white flower averaging 3½ inches on long stiff stems. A continuous, free and early variety with a flower perfectly formed and very fragrant.

A Money-Maker for You All.

Orders filled strictly in rotation, delivery commences January 1, 1903.

Prices—12, $1.50; 25, $3.00; 50, $5.00; 100, $10.00; 250, $23.00. 500, $37.50; 1000, $75.00.

S. J. REUTER,

WESTERLY, RHODE ISLAND.

Carnations...

FIELD-GROWN PLANTS.

	Per 100	Per 1000
NORWAY, extra fine	$7.00	$60.00
GENEVIEVE LORD	6 00	50.00

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

ALL THE BEST CARNATIONS

LEADING NOVELTIES OF 1903.
The Best Varieties of 1902.
All the Standard Varieties.

Send in your orders for Rooted Cuttings **now.**

GEO. HANCOCK & SON, Grand Haven, Mich.

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Always Mention the....
Florists' Review
When Writing Advertisers.

FIELD-GROWN

CARNATIONS

Fine, Strong, Healthy Plants.

	Per 100	Per 1000
Prosperity	$4.00	$35.00
Genevieve Lord	4.00	35.00
Marquis	4.00	35.00
Guardian Angel	4.00	35.00
Melba	4.00	35.00
White Cloud	5.00	

PETER REINBERG

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

CARNATIONS!

12,000 strong healthy field-grown plants.

	Per 100	Per 1000
Bradt	$7.00	$60.00
Marquis	6.00	50.00
Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

250 of one variety at 1000 rate.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

REDUCED PRICES ON

FIELD-GROWN CARNATIONS!

Triumph, Morning Glory, Joost, Marquis, Prosperity and Genevieve Lord, at $5.00 per 100.

Stock Plants. Chrysanthemums.

White and Yellow Fitzwygram, Ivory, Dalskov, White and Yellow Jones, Bergmann, Robinson, Primo, Lady Harriet, Willowbrook, Monrovia, Opah, Parr, Polly Rose, Bonnaffon, Pierson, Appleton, Halliday, Mrs. E. D. Smith, Eaton at $8.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Philadelphia Palms.

JOSEPH HEACOCK

Kentia Belmoreana.

Offers the following varieties and sizes: HOME-GROWN and in EXCELLENT CONDITION.

ARECA LUTESCENS.	Per doz.	Per 100
4-inch pot, 3 plants, 18 to 20 inches high	$3.00	$25.00
6 " 3 " 24 to 26 "	9.00	75.00
6 " 3 " 28 to 30 "	12.00	100.00
10 " 3 " 42 to 45 "	$5.00 each.	
10 " 3 " 50 to 60 "	7.50 "	

COCOS WEDDELIANA.	Per 100
2x3-inch pots, 6 to 8 inches high	$10.00
2x3 " 8 to 10 "	15.00

KENTIA BELMOREANA.	Per doz.	Per 100
2½-inch pot, 8 inches high	$1.50	$12.00
3 " 4 to 5 leaves, 12 to 15 inches high	2.50	20.00
4 " 5 to 6 " 15 to 18 "	4.50	35.00
6 " 5 to 6 " 24 "	12.00	100.00
6 " 6 to 7 " 24 to 28 "	15.00	125.00
6 " 6 to 7 " 28 to 30 "	18.00	150.00

MADE UP KENTIA BELMOREANA.	
8-inch pot, 4 plants, 36 to 40 inches high	$3.00 each
8 " 4 " 48 "	4.00 "

JOSEPH HEACOCK, Wyncote, Pa.

WM. MURPHY,

Grower and Wholesaler of **Carnations**

We are now in a position

TO SHIP CUT BLOOM DIRECT

from greenhouses.

Murphy's White Cut Bloom in quantity. The earliest, freest White Carnation to date. 50,000 cuttings sold for January delivery. Can handle orders for 50,000 more for same date. $6.00 per 100, $50.00 per 1000. Discount on 5000 to 10,000 lots.

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130 East 3rd St., CINCINNATI, OHIO.

Field Grown CARNATIONS

G. H. Crane, Norway, Gen. Lord, E. Crocker, Russell, Avondale, F. Joost, Peru, Prosperity, $5.00 per 100; $40.00 per 1000.

Order at once while stock is in fine condition.

Terms cash or satisfactory reference.

S. Alfred Baur,
ERIE, PA.

....FERNS....

Nephrolepis Cordata Compacta. Strong 2½-inch pots, $2.50 per 100. 500 for $10.00.

CASH WITH ORDER.

HENRY ERNST & SON, Washington, Mo.

Mention The Review when you write.

10,000 CARNATIONS.

Fine, healthy, bushy, well-grown field plants. CHEAP FOR CASH.

Queen Louise, 5c; Lawson, 6c; Glacier, 4c; F. Hill, 4c; America, 4c; Red Wave, 4c; Marquis, 4c; F. Joost, 4c; Scott, 4c; G. Lord, 4c.

I study to please every customer, and pack carefully in light boxes. I guarantee entire satisfaction and big value for the money. We have the Adams, American, and U. S. Expresses.

CHAS. T. SIEBERT,
Station B. PITTSBURG, PA.

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A BARGAIN!

E. Crocker.....	$3.00	per 100;	$25.00	per 1000
Wm. Scott.....	3.00	"	25.00	"
Daybreak.....	3.00	"	25.00	"
Prosperity.....	3.00	"	25.00	"
Smilax, 2-inch....	.50	"	5.00	"

The above is first-class stock in every way. It is getting late and we want to close them out.

S. T. DANLEY, MACOMB, ILL.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **Ornamental Trees, Shrubs, Roses, Clematis, Fruit Trees, and Small Fruits** in great variety.

Send for our Wholesale Price List.

PREPARE ADVS. NOW for our SPECIAL

Thanksgiving Number....

to be issued November 13.

CANNAS

Strong Field-Grown Clumps.

Duke of Marlborough, Florence Vaughan, President Cleveland, Charles Henderson, A. Bouvier, Robert Christie, Queen Charlotte, Sophie Buchner, and Austria, $15.00 per 100.

Egandale, Souv. de Antoine Crozy, Sam Trelease, President Carnot, Chicago, Beaute Poitevine, and Martha Washington, $25.00 per 100.

Save heavy express charges by ordering at once by freight.....

The STORRS & HARRISON CO.
PAINESVILLE, OHIO.

..GERANIUMS..

Good Assortment, Standard Varieties, from 2¼-in. pots, **$2.00** per 100.

	100
Giant Double Alyssum, 2¼-inch pots	$2.00
Dwarf " " 2¼-inch pots	2.00
Hardy English Ivy, 2¼-inch pots	2.00
Swainsona Alba, 2¼-inch pots	2.00
Baby Primrose, 2¼-inch pots	2.00
Lemon Verbena, 2¼-inch pots	2.50
Ageratums—Stella Gurney and Dwarf White, 2¼-inch pots	2.00
Abutilon, in variety, 2¼-inch pots	2.50
Alternanthera, in variety, 2¼-inch pots	2.00
Coleus, in variety, 2¼-inch pots	2.00
Lantana, 10 varieties, 2¼-inch pots	2.00
Smilax, 2¼-inch pots	2.00
Salvia Silver Spot, 2¼-inch pots	2.00

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

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BOXES

Try our improved folding box, with superior white finish and improved corner lock.

☞Samples free on application. No charge for printing in 500 lots or over.

C. C. POLLWORTH CO., Milwaukee, Wis.

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LOUISVILLE, KY.

Business the past week was somewhat improved. Some very fine white chrysanthemums are coming in and find a ready sale, and American Beauties, good ones they are, too, are to be seen in the Fourth avenue store windows. Carnations are improving in quality and the supply is ample. Dahlias and cosmos are still in the market.

Mr. Jacob Schulz has the finest carnations to be seen around here.

Joseph Coenen & Co.'s place is in fine shape. They are cutting some very fine Kaiserin roses, which are hard to beat.

E. G. Reimers has added to his plant three more houses, which are planted to carnations.

T. B. Rudy is remodeling his dwelling house and will occupy it by the first of November.

Nanz & Neuner made a very handsome display of American Beauties at their store on Fourth avenue.

F. C. Haupt has had several very large decorations, which called for the use of immense quantities of Beauties and carnations.

Henry Fuchs is troubled by grub worms in his rose house, having lost a considerable number of roses through them.

Joseph Coenen, William Mann and Henry Lichtefeld went up to Cincinnati and took in Mr. R. Witterstaetter's place, finding it in tiptop order. His chrysanthemums are models in growth, having fine, strong stems and good foliage. His new carnation, Albatross, is in fine shape. It is a white, is a fine grower and a good bloomer, and will be heard from later. Through the courtesy of Mr. Witterstaetter we were driven out to Mr. William Murphy's place to see his new white carnation called Murphy's White. It was looking fine and just loaded down with buds. It is a splendid bloomer and will find a ready sale. Hy. Lichtefeld.

Quakertown, Pa.—E. I. Rawlings added several new houses this summer and has installed a new boiler.

Lansing, Mich.—At the Industrial Schools there were two 100 ft. beds of S. A. Nutt geraniums this summer that were a gorgeous sight. A. E. Bambrick is the florist in charge.

Utica, N. Y.—Frank Baker has had a big run on ferns for dishes. He says the demand has been better than ever.

BURBANK'S

Shasta Daisy.

New 1902 crop of seed now ready. 25c per 100; $2.00 per 1000; $15.00 per oz.

Pansy, Giant Mixed, $1.00 per oz.; $10.00 per lb.

Asparagus Sprengeri, $1.50 per 1000 seeds.

PLANTS.

Shasta Daisy, 2-inch, $10.00 per 100; 3½-inch, $15.00 per 100. Asparagus Pl. Nanus, 3½-inch, extra fine, $5.00 per 100; $40.00 per 1000. Asparagus Sprengeri, from flats, $1.00 per 100; $7.50 per 1000; $25.00 per 5000. Calla Bulbs, first size, $4.00 per 100; 250 at 1000 rate. Express prepaid.

CALIFORNIA CARNATION CO.,
LOOMIS, CAL., U. S. A.

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PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain: "The largest and finest colored flowers we have ever seen."

100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants ready to bloom Oct. 1, $1.00 per 100; $8.00 per 1000. Seed, $1.00 per pkt.; $5.00 per oz. Cash with order.

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GROWER OF THE FINEST PANSIES.

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CHINESE—Single—Mixed, 2¼-inch pots, 100 strong..... $1.50
ASPARAGUS SPRENGERI, 2¼-in. pots 2.00
ASPARAGUS PLUMOSUS, 2¼ in. pots, strong..... 3.00
NARCISSUS—Paper white grandiflora... 1.00
PANSY PLANTS—$3.00 per 1000..... .60

Cash or C. O. D.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.

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SEMPLE'S WHITE and MIXED Send for sample.

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GIANT PANSIES.

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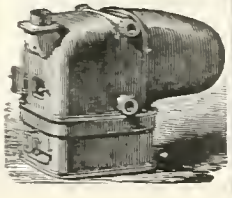

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$400 For Dinner Table Decorations.

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$150 For best Seedling Chrysanthemum.

$150 For best 100 blooms any one variety Chrysanthemum.

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ARAUCARIA EXCELSA

In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above $0.50
5½-in. pots, 12 to 14 inches..... .....60c to .75
6-in. pots, 15 to 18 inches ....75c to 1.00
Specimen..... 1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots..... .75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen.....from $4.00 to 5.00
Boston Ferns, 6-in. pots..... .40

Cash with order please. To save express mention if pots to be taken off.

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Wholesale Grower and Importer of Pot Plants. 1012 Ontario St., PHILADELPHIA, PA.

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Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
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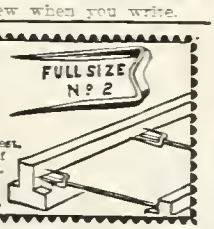

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Prepare ADVS. NOW
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Thanksgiving Number
To be issued **NOV. 13.**

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

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FLUSHING, L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen Mfg. Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. THORNE.

LA FAYETTE, IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. DORNER & SONS CO.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO. (Inc.)

208 Jersey Street,

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A formula for preventing and remedying Black Spot on Rose Plants. Especially adapted to American Beauty.

Prices: 1 quart glass bottles boxed .75c, boxing 10c extra. 1 gallon glass demijohns boxed $2.50, boxing 50c extra. 5-gallon glass demijohns boxed, $4.00, boxing $1.00 extra.

When demijohns are returned cost of same will be deducted from following invoice.

Manufactured only by **DUNNE & CO.**, Horticultural Supplies, 54 West 30th St., **NEW YORK.**

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

NEW YORK OFFICE: 2688 Broadway
J. AUSTIN SHAW, Manager.

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Advertising rates: Per inch $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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PETOSKEY, MICH.—S. J. Long has put in another boiler and enlarged his potting and boiler shed. He has also added a new house 10x66, and expects to build another, 18x100, in the spring.

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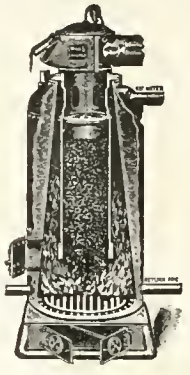

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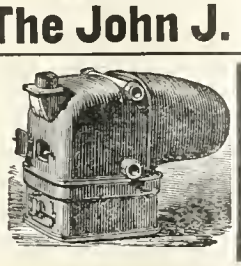

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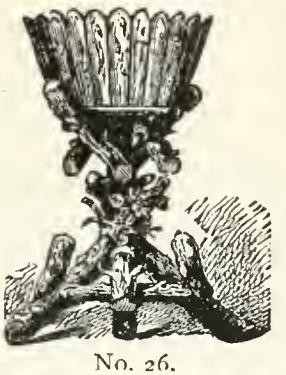

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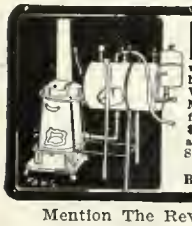

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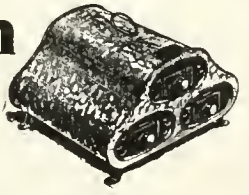

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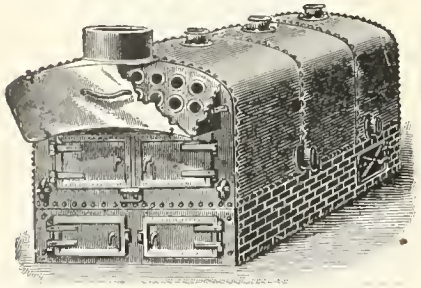

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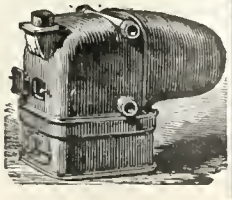

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THE WEEKLY

FLORISTS' REVIEW

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Vol. X. CHICAGO AND NEW YORK, OCTOBER 30, 1902. No. 257.

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" " " 12x13	1.75	16.00
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Paper White Grandiflora, mammoth	.80	7.50
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YELLOW—Early—Monrovia, J. E. Lager. **Midseason**—G. Pitcher, H. Hurrel, Soliel d'Octobre, Gold Mine, Golden Wedding, Golden Gate, Modesto, G. Bramhall, Yellow Mayflower, Philadelphia. **Late**—Eug. Dailledouze, H. W. Rieman, Maj. Bonnaffon, Liberty, Mrs. Trenor L. Park.

RED—Cullingfordii, Intensity, Black Hawk.

BRONZE—Harry May, Hicks Arnold, Kate Broomhead, Golden Gate.

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THE RETAIL FLORIST.....

FUNERAL BUNCHES.

Roses.

The accompanying picture gives a side view of a bunch of three dozen Bridesmaid and La France roses made up with a few sprays of Asparagus plumosus, a bunch that can be readily sold for $5.00.

The greater number of the flowers, as will be seen, are half open, some two-thirds open and the others fully blown. The larger, or open flowers fill in well, making the bunch appear larger and much more effective than would be the case were all the flowers only half open.

Wire about one-half of the flowers (or the weaker stemmed ones) with say No. 22 wire, so as to be able to place them where you want them. Arrange loosely and carelessly, some flowers higher than others. Use some green for a foundation and it will be quite easy to make up a handsome bunch of roses with the number mentioned.

We do not advise the use of different kinds of pink roses in the same bunch. In making up the bunch illustrated we happened not to have enough of the size wanted in one variety. When the roses are all of one kind they make a much more desirable and salable bunch. But there are many colors and varieties that blend well together, such as Bride and Bridesmaid, any pink and white, Kaiserin and President Carnot, Bridesmaids or Chatenay and Golden Gate, the latter making a most beautiful combination.

Of course bunches of red or other bright colored roses are often used, especially American Beauties, which we shall illustrate at a future time.

Bunches of roses are often tied with ribbon, as seen in the second illustration, which gives a full front view of a bunch arranged in much the same style as the first one but containing twice the number of roses, and usually sold at $10.00. It is just as easy to make as the smaller one, and can be made as large and expensive as desired by the addition of more material.

We have seen all colors of ribbons used but do not consider it good taste to use loud or flashy colors on funeral bunches. White, lavender and purple are popular and appropriate. A most pleasing combination is the Golden Gate rose tied with a pea green ribbon, and a very pale pink ribbon with white or light pink roses is not so bad, but we think it out of place to tie Bridesmaids with ribbon to match the flowers, red roses with red ribbon, and so on, which we have very often seen used. High colored flowers are used a great deal and are no doubt in good taste, but we do not believe in the use of bright colored ribbons.

Next week we will present pictures of bunches containing the same roses but arranged in a different way from those shown this week. L. P. Walz.

A Small Funeral Bunch of Roses. Side View.

CHRYSANTHEMUMS.

Shading the Blooms.

It is oftentimes necessary, or at least we find it so, to shade some of the more delicate varieties to prevent the flowers from getting burned by the sun. This is always the case with the pink and red varieties, and quite frequently the whites and yellows, when they are close to the glass, show signs of distress. Some growers do not seem to like to shade their mum houses at flowering time, no matter how many flowers they lose. Why this is I do not understand, for a spatter of lime over the glass with a syringe takes no time, and the cost of removing it is much more than made up by the flowers that will be saved.

Varieties like Morel or G. W. Childs are certain to suffer more or less if not protected and we always have an idea that flowers come slower and consequently firmer and better when shaded. The sun in October is often very warm, and it rushes the flowers along quicker than is good for them. This year it seems to me many varieties are in ahead of time. All our varieties so far are from one to two weeks earlier than usual, and I hear of Eaton being ready to cut on October 18th. Last year it was the second week in November before Eaton was in really good shape. This earliness means to all who exhibit their flowers considerable trouble in holding back many varieties to keep them in good condition for the shows. Here again a light shade on the house is valuable because a flower when shaded is not nearly as liable to open up in the center and show its eye.

Keeping Cut Flowers.

Flowers can be stored away and kept in good condition for from one to three weeks according to variety, if the right conditions are available. A cellar that is naturally cool and moist is the ideal place for this storing away. Cut your flowers with good long stems and stand them upright in a barrel. If the barrel is an ordinary fifty gallon size, fill it half full of water, and the upper half will keep the stems upright, which is important, as the water must have a direct upward course to the flower through the stem. Keep the foliage damped, but unless the cellar is very dry do not wet the flowers at all, or many of the petals will get spotted by the water. Look the flowers over carefully every day for any indication of decay, and about twice a week cut off some of the old stems and change the water.

Flowers kept in this manner will often outlast the flowers not so treated when

set up on exhibition, because the stem is full of water. Any flower that is to be exhibited should have twenty-four hours in water beforehand to prepare it for its journey, and if the distance to the exhibition is long, thirty-six hours' immersion is not too much. If the foliage is limp and the petals hang loosely it is a sign that the stem has not taken up water, and such flowers you had better leave home because they will droop hopelessly in the dry air of an exhibition hall. It is half the battle in exhibiting to set up your flowers in a fresh, crisp condition, and many a man whose flowers looked fine on the plants has been disgusted when he viewed his stock after it had been set up for an hour or two.

Exhibition.

By the time these notes are in print the ball will be opened with the New York exhibition, and many of us will be going round with a hat several sizes too small for us, and a broad expansive smile, or else be sneaking back to the place whence we came, kicking ourselves and vowing vengeance on the judges and mankind generally. Poor judges, what a thankless lot is theirs, even though it may occasionally run to "Suite A in the Waldorf." When we don't win we always have an idea that the judges didn't know anything or had a personal grudge against us, or something of that kind. What a fertile field a genius like Dickens would have in an exhibition hall for studying the tragedy and comedy of life, and yet when it's all over we shall survive the shock, and coal will continue to be scarce and high all winter. Whatever other purpose they may serve exhibitions are the best thing in the world for the growers, since they are the means of making a man continually progress onward and upward or get lost in the shuffle.

The Market

is not so far favorable to the mum and prices are not so good as last year. Asters were fine and they kept down the price for the earliest flowers, and dahlias and many other things have kept coming in long after they should, according to precedent, have given up the ghost. Talk about "winter lingering in the lap of spring." It isn't a circumstance to the cactus dahlia lingering in the lap of the midseason mum, and if the season is going to change like this we shall have to grow Golden Wedding for an early variety and fall back on Merry Christmas and such varieties for midseason.

The weather has been beautiful and many of the best flower buyers are still in the country enjoying the landscape. When November comes in with its frosty nights and darker days we may reasonably expect that the market will improve.

Brian Boru.

MISCELLANEOUS SEASONABLE HINTS.

Alternantheras.

I have had a few questions sent to me of late, which I will answer under this head. Alternantheras are easily kept over winter, except the high colored and most valuable species, paronychioides major. Whether you have rooted them in flats in August or lifted some old plants and put them in flats, they should have a warm corner. The full light is not so essential if they are warm and dry. You don't expect nor want them to grow until you divide them next April (just to exist) so very little water will do. If not below 60 degrees, and if dry, they will come out all right, but if kept wet, even at that warm temperature, many will rot off. Water once in two weeks will be ample, unless very near the heat of the pipes.

Insects.

The greenfly is as troublesome on our Bermuda and Japan lilies as on any plants we grow, and they do their work in the crown of leaves where the smoke can hardly reach them. When you see aphis on a fully developed leaf it is proof that you have been very negligent in your smoking or other means of killing or keeping down the fly, but the big fellows you see creeping around are not what is ruining the plants. It is the punctures they are making on the young leaves and buds that will later develop only into arrested, crippled, abortive growth. For instance, you can walk through your benches of Marie Louise violets, look at the large leaves, and perhaps not discover any of those miserable, greasy, dark green or black flies; yet the young leaves are small, curled up and blistered in appearance, and the flowers are small and pale in color. You are afraid you have the fly on them, but the naked eye does not reveal the number there are or the harm they are doing. Just get a lens of moderate magnifying power and pull up a plant and take a good look into the heart of the plant where the young leaves and buds are struggling for an existence. If you pull up such a plant as I did a few years ago this month, you will see thirty or forty horny spiked brutes that will make your epidermis itch and that will remind you of Barnum's troupe of trained hyenas. You will wonder no longer at anything, except that you have leaves and buds at all.

A hyena is much larger than a green or black aphis, and the latter is much larger than the various kinds of bacillus, millions of which a sick man is often the host. All things are great or small only comparatively. And as the parson tried to illustrate it, but finished rather humorously, in his Idea of the Creation, he said: "When God made the mountain He also made a grain of sand; when He made the mighty Niagara He likewise made the dewdrop, and when He made me He made a daisy." Those of the congregation who were not asleep tittered.

Coming back from pulpit to plant, the mischief done by the aphis is not always seen until weeks after. About the time the lilies are forming their flower buds before they are visible, is when they are crippled. A mixture of the Roseleaf Extract diluted, one part of extract to one hundred of water, or one part of nicotine to four hundred of water, lightly sprayed in the crown of leaves will keep the aphis away.

Gladioli.

It seems these beautiful flowers have taken a leading part in the decorations of floral stores for many weeks during August, September and October, and they have been useful and largely used for many occasions. The hotels of the country have used millions. If your available ground is limited, it is almost as cheap to get your supply of cut spikes from Mr. Cowee, of Berlin, or some other of the men who grow fifty acres, but when you have the room there is little expense in their cultivation and your stock should be constantly on the increase.

The corm, usually called a bulb, is, I presume, all the better for remaining in the ground until the top is pretty well matured, and that time is here now and with early crops long past. Cut the tops off six inches above the bulb when lifting. A day's sunshine on the bulbs is good for them, but run no risk by leaving them out over night, as one of my dutiful sons did once, and three or four degrees of frost come down and next morning my few thousand bulbs were of the same value as the same quantity of rotten potatoes. I have seen gladiolus bulbs that were missed at lifting in the fall come up in the spring when I thought they must have been frozen. However that may be, they won't endure any frost when exposed. Don't put them in a warm, dry basement, or in a shed where the furnaces are. Beneath a bench in a cool house will do very well and lay them out thinly in shallow boxes or flats.

Chrysanthemums.

Chrysanthemums are glorious just before you cut them out. What a wreck the bench is when you have cut the long stems. It's no cut and come again crop, as it is with our roses, carnations and violets. You are, however, usually glad of the room they give you. Some very good advice has been often given about varieties. It is fascinating to try the new ones, and you won't keep up with the procession unless you do try the pick of the later varieties, but for your main crop a dozen varieties is a great plenty to supply your own retail trade; and if a grower, six varieties are all you want, so throw away entirely all the stock you have of any that has not turned out A1 with you, and lift sufficient stools of those you are going to grow.

If some new one has pleased you very much and you want to greatly increase your stock, you can put in some cuttings just as soon as you can get them. When rooted plant them out in a bench nine or ten inches apart and they will give you the best of cuttings from New Years on to June. Standard sorts of which you have an abundance should be lifted and placed in shallow boxes in four or five inches of soil and kept in a cool but light house, and don't encourage them to grow or make cuttings until next March. The chrysanthemum can be called an herbaceous shrub, and after flowering takes a rest during the

A Larger Funeral Bunch of Roses. Top View.

winter months, and although most accommodating in their nature to varied treatment, they are all the better for a good rest after flowering. By cool I mean that 40 degrees in the cold winter months is high enough. I have seen them many times put down on the edge of a path in a house that was 55 degrees at night. Then there is only a premature, spindling, weak growth, and that is a poor way to start and expect a vigorous plant.

Hybrid Roses.

The hybrid perpetual roses are about to arrive from Europe. If carefully heeled in during winter in cold frame and not allowed to get too dry at the roots, or too hard a freeze, and they are correctly named, they do very well for your spring planting if you do that sort of business. I would sooner receive them now and keep them over winter than import them in the spring unless I was going to have the care of them after being planted out. There is no occasion to import these roses for forcing for Easter sales. Our American nurserymen can supply you with better plants, budded lower and fresh from the ground. If they cost you a few cents more each plant, you will make it up and more in the quality of the plant when forced. Don't be in a hurry about getting them. The wood should be thoroughly ripe. The middle to end of the month is time enough to get them. Pot them firmly. A 5 or 6-inch pot is what a good plant will need. Don't prune them heavily when you pot them; if not at all it is just as well. The pruning can be done when you bring them in after New Years. Plunge the pots in a deep cold frame and don't let the soil get dry. Let them freeze as little as possible. Ten degrees might not hurt them unless they were dry, but they are better without any hard frost, and if we get mild weather after they are in the frame, give all the air you can, or remove the sash.

William Scott.

ROSES.

Seasonable Hints.

Those who desire a few benches of Kaiserins for summer blooming should now proceed with their propagation. At this season there is an abundance of retarded flower stems which make ideal propagating wood. In selecting wood nothing but the very best should be taken, avoiding all thin, weak wood, examining every plant carefully to see that it is in good health before taking wood from it, careless selection of propagating wood being responsible for the perpetuation of many of the diseases and infirmities which afterward affect the plant. Cuttings of from one to three eyes succeed equally well. It is the care and attention bestowed on them in the cutting bench and after they are rooted which make the stock good or poor.

Clear river or pit sand is a good medium for the cutting bench. This should be about five inches deep and filled flush, then watered and pounded firm with a brick. The cuttings should be placed wider apart than is necessary for spring propagation, as they are more liable at this season to retain the moisture longer among the leaves.

To insure safe and healthy root-formation the temperature of the sand should be kept at 62 degrees, with a house temperature of 52 or 54 degrees, giving sufficient ventilation to keep the air sweet. Care must be taken never to let them suffer for want of water, nor yet to keep them soaked.

As soon as the roots have attained half an inch in length they ought to be potted as nothing can be more weakening to a rose cutting than to allow it to make roots and wood in the sand. Soil left over at planting time and passed through a half-inch screen is a good soil to use for a first potting; it ought to be in a nice mellow condition.

Two-inch standard pots are large enough to commence with. Pot firmly, taking care to get the roots no deeper than about one-third the depth of the pot, water as soon after potting as possible, going over them until all the soil in the pot is moistened, but not so as to make it muddy, a condition which should always be avoided.

Select a nice airy position for the young stock, in a house with a temperature of 56 or 58 degrees nights and shade for the first three or four days if the weather is bright, removing the shade as early in the afternoon as can be done with safety. Repot as soon as needed, as the fewer checks the young plants receive the quicker will they start when benched. By February they will be in good condition for planting.

The soil to be used at that time should be cared for now and stored where it will be secure from rain and snow, the condition of the soil at planting time, especially at that season, having a good deal to do with the success of the young stock.

Ribes.

CARNATION NOTES—EAST.

Propagating Bench.

It is none too early to get your cutting bench in readiness. The most satisfactory one we have tried is constructed of brick, bottom and sides, supported by two 3-inch pieces of cypress running crossways of the bench, 2-inch side up, at such distance apart that each end of every brick bears an inch on crosspiece. The bricks are laid flat and of course end to end. The width of bench can be made any number of bricks wide you may choose. For the sides use brick laid edgewise, cementing at ends and to bottom with Portland cement.

Such a bench has many points in its favor. It cannot possibly become soggy

as the drainage is perfect. Brick being an excellent absorbent of heat and giving it off slowly, the necessary gentle bottom heat can be kept more uniform than with boards. Slate makes a durable bottom but is more expensive, easily broken in cleaning out the bench, and not being porous does not give the perfect drainage as does brick.

Whitewash the brick after laying, preparing the wash as recommended for painting on heating pipes (see issue of Oct. 2) except it should be thinned somewhat to spread easily. Put on a liberal coat and you will have accomplished much toward the prevention of fungous diseases. Here, too, is where brick is preferable to slate, being capable of absorbing the sulphur in solution formed by the action of the hot lime. Box in the space under the bench providing means of ventilation to regulate the degree of bottom heat desired.

I would not put the sand in for some time, but leave it out where it will keep sweet, getting it in as late as possible consistent with the weather and time needed. Be sure that it contains no impurities such as vegetable or animal matter, soil, bits of wood or paper; in fact have it absolutely pure. So much depends on the starting point in life I am inclined to think the disciples of soil sterilization could put their energy to better use in the direction of eliminating disease from the sand of the cutting bench and let natural law take care of the soil.

Behavior of New Varieties.

Having had several inquiries regarding new introductions it may be well to give my experience so far with the limited number under my care.

Cressbrook is evidently not a variety to finish well early in the season the blooms having a startled look, but with regular firing I am glad to say they have improved greatly. The plants are full of buds that will be in time for Thanksgiving.

Nelson is all that is claimed for it, coming with long stems bearing a finely formed flower of brilliant color. This variety has been in bloom for a month.

Floriana (pink) is almost an exact counterpart of Marquis, but with me blooms earlier, the petals open more and more cuttings are found on the flower stem.

Mrs. Potter Palmer acts very much like a late bloomer.

Murphy's White (on trial) proves to be an early bloomer, giving a very long stiff stem. It is a very rapid grower and gives a good commercial bloom.

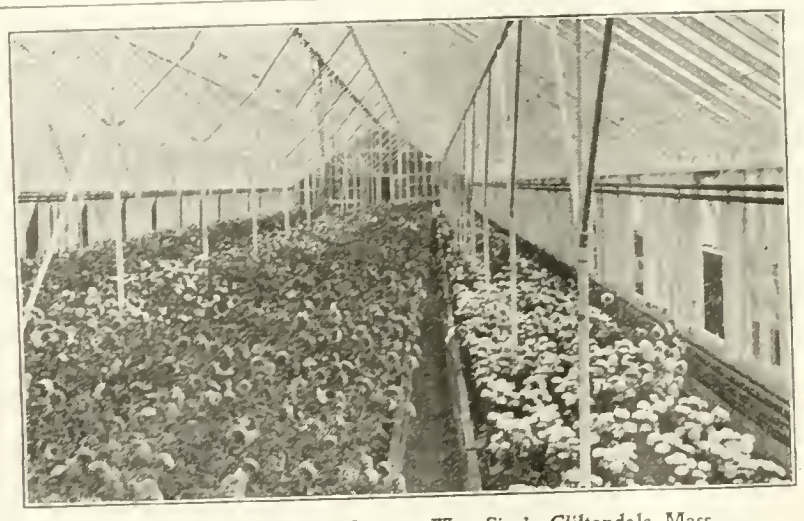
It is too early, however, to judge any variety as to its full merit, but I believe it is well to exchange experiences all through the season, also that it should be a condition in the sale of cuttings or plants of every new introduction, that the originator furnish full information as to culture in the field and under glass. I notice this is being done to some extent already.

Geo. S. Osborn.

NOVEL CONSTRUCTION.

You remember the trip we made out to William Sims', Cliftondale, Mass., ten months ago, just as he got his full quota of violets pulling? Ten months have simply revolutionized his business. Since then he has extended each of three 200-foot houses to 300 feet, and built a large, cheap house to take the place of his former system of cold frames for spring violet picking, letting it freeze up all winter. He is now picking 4,000 to 5,000 violets per day out of doors.

But the greatest change in his plant consists of a magnificent new house, 200 x30, of such peculiar construction that a cut is inserted to show the strong brace work, which is so arranged as to support the ridge and purlins every four feet and immensely strengthen the building against any end shake in a heavy wind. This latter benefit is also provided for by heavy, long braces running from the ground to the ridge, bracing in four places in both directions. The great height of the house is also a feature. The side walls are of glass and are seven feet high. Being mostly of iron, and the little woodwork being very light, makes its interior seem almost like open daylight. The picture was taken while the house contained a fine crop of asters.



Novel Construction of a House at Wm. Sim's, Cliftondale, Mass.

Most of his glass is now occupied by the most magnificent growth of chrysanthemums I ever saw. The different varieties run from four to nearly eight feet high, straight, extra strong, and having the richest growth of heavy, leathery leaves almost down to the ground. He is cutting them at the rate of 125 dozen per day, and must continue that pace for some time yet, as he had 75,000 plants to begin with. The quality of the blossoms is such that they are marketed in a few minutes each morning, really, and Mr. Sims wastes no time in Boston.

He plans to get this huge crop out of the way by Thanksgiving, after which his whole attention will be directed to his single violets, of which he marketed 950,000 last year, and will surely beat it fifty per cent this season.

J. S. Manter.

CARNATION TROUBLES.

Some of my carnations are wilting and dying. On investigation when I pull them up, I find a number of little white mites of some kind that seem to be sucking the life out of the plant. Now, what are they, what is the cause and what is the remedy? J. W. F.

You ought not to find it very difficult to get rid of the mites. Take a half bushel of good fresh tobacco stems and soak them in a barrel of water, about 50 gallons, and let them soak over night, then use one part of this juice to three parts clear water and wet the beds with it whenever they are affected. Give a dose about each third day or twice in a week for two weeks and I think you will be rid of the mites and no harm will be done your carnations. Tobacco is not only a good insecticide but it is also a good plant food and unless it is used too strong it will do your plants good.

This calls to mind an incident that was related not long ago by one who claims it to be true, of a grower who thought he would kill two birds with one stone. Having been told that tobacco was a good fertilizer, he conceived the idea that if he could inoculate a little nicotine into the tissues of the plant by means of root absorption he could not only feed the plants but he could also destroy every greenfly that dared to thrust its sucking apparatus into the leaves of his plants. So he spread about a good inch of fresh tobacco stems on the bottom of the bench before filling in the soil for planting and then filled up the bench with good soil. Greenfly did not bother that bench of carnations because within a short time there were no carnation plants for them to bother and Mr. Grower had learned another lesson in cause and effect. We believe in experimenting, in fact if you want to learn and become efficient in your work you must experiment some, but use judgment in your experimenting. You don't have to look down the barrel of a gun to see if it is loaded.

A. F. J. Baur.

CARNATION NOTES—WEST.

The New Varieties.

By this time you are beginning to watch the new varieties you bought last spring or in the fall pretty close to see if they come up to the older varieties in quality and productiveness. Of course it will depend largely upon the time you plant your carnations in the houses whether you can expect a good crop of blooms by this time or not. It would not be fair to expect a good crop of blooms at this time from plants that were housed in September, but those that were planted in before August 20

House of the New White Rose Ivory at Wietor Bros., Chicago. Planted May 6. Photographed Oct. 20.

should be coming on with a good crop of good blooms now.

Earliness has become a very essential quality of late, especially in white and pink sorts, which can be used to fill up the gap between the last of outdoor flowers and the beginning of the mum season. For red the demand is not so great as it is later in the winter when the social season is at its height. A variety does not necessarily have to be extremely early, however, to be profitable. A variety that will produce a good crop of fine blooms by November 1 stands a good chance of heading the list when the dollars and cents are counted, and you can more often depend on such a variety keeping up a high standard all winter, which is something that many extra early varieties lack.

Then again you must not be too harsh in criticising a new variety because its failure is more than likely not due to faults of its own, but to circumstances. Very few varieties are put on the market without having been exhibited in fine shape, which is the best proof a disseminator can give to support the claims he makes for his pet and if you will keep your wits about you when looking at a vase of fine blooms you will not very often get lost. If you bought a lot of cuttings of a new variety because you saw it in fine shape last February or later and it does not happen to produce a fine crop of blooms in October, don't swear at the variety and the man that raised it, but wait until next February and then if the fine blooms are not forthcoming it is time to swear.

If you want to buy an early variety you should look for it early. Visit some of the numerous mum shows and if you see a variety staged in fine shape you can usually depend on it being fairly early and to see whether it holds up well all winter you should watch the reports of the Florists' Club meetings and the American Carnation Society convention in February. Of course we all know that much depends on the way a variety is handled whether it will come in early or late, but nevertheless the fact remains that some varieties naturally bloom early while others naturally come into bloom later. So it happens that one year's trial is often not enough to prove a variety's worth.

If a variety is healthy and produces good blooms later and seems to lack only earliness you should propagate it early and house it early and probably it will prove a good thing for you. Some varieties must be started early in order to get fair sized plants, while others seem to do best when medium sized plants are housed, and so on down the list you must study each variety and try to master its peculiarities before you can hope to grow each successfully.

Next week we will go through our list of varieties and note which are doing well and which have to "get better," etc.

A. F. J. Baur.

THE LENOX FLOWER SHOW.

When the writer received a cordial invitation to visit the second annual exhibition of the Lenox Horticultural Society he decided the occasion was opportune for visiting this far-famed horticultural center, affording the chance of seeing the magnificent estates in the Berkshire Hills, and the products of the many good gardeners located there.

The exhibition was held in the new town hall on Thursday and Friday, October 23 and 24, and in spite of the early date I have no hesitation in asserting the general excellence and all around superior quality of this exhibition will be surpassed by none. In substantiation of this statement I may remark that the schedule provided eighty-three classes. There were entries in eighty-one and so keen was the competition in almost every instance that the judges' labor was particularly arduous, they requiring exactly seven hours to complete the awards.

There were thirty-four classes devoted to chrysanthemums; seven of these to plants and the balance to cut flowers and these last were a revelation indeed, all being characterized by full development and perfect finish.

For a group of chrysanthemums covering a circle ten feet in diameter the first award went to Mr. A. J. Loveless, gardener to J. Sloane, for a bold arrangement of finely flowered plants. G. Philcox, gardener to W. D. Sloane, was second with an effective but very stiff arrangement, and A. H. Wingett, gardener to Charles Lanier, was third with a truly admirable group. The best arranged gronp in the show was unfortunately disqualified for exceeding the allotted space. It was shown by E. Jenkins, gardener to Girard Foster. In addition to large flowered varieties, the pretty single Mizpah and a bronzy yellow single variety named Zeroff used for a border around the base of the group made this exhibit decidedly the most attractive. Still another fine group, but not in competition, was shown by J. Dallas, gardener to G. H. Morgan.

For three specimen chrysanthemum plants, E. Jenkins was first, the varieties being Mrs. H. Robinson, H. L. Sunderbruch and Mrs. Coombes, the last named a magnificent plant seven feet in diameter and carrying 300 flowers. J. Dallas was second and E. Edwards third.

For a single specimen plant, E. Edwards, J. Dallas and E. Jenkins were the winners in the order named.

For twelve plants in 6-inch pots, A. J. Loveless was first and E. Jenkins second, while for six plants in 6-inch pots E. Jenkins was first and A. J. Loveless second.

In the cut flowers the competition was extraordinarily keen. For twelve blooms in twelve varieties E. Jenkins was finally adjudged first and A. J. Loveless second, but the margin of difference, the judges said, was about 1 point. As all the flowers were perfect it may be of interest to give the names of the varieties shown by these two exhibitors in this class: Mrs. H. Robinson, Mrs. O. P. Bassett, Timothy Eaton, Lady Hanham, Rustique, Mrs. F. A. Constable, Lady Anglesea, Peter Kay, T. Carrington, Col. D. Appleton, Mrs. G. Mileham, H. J. Jones, Merza, Mme. Georges Bruant, Mrs. W. Mease, Mme. Carnot and Nellie Pockett. Mr. E. Lundberg was third with an admirable twelve.

The class for six in six varieties was also well contested, E. Jenkins winning with grand blooms of Robinson, Bassett, Morel, Mutual Friend, H. J. Jones and Peter Kay. E. Edwards, gardener to J. E. Parsons, was a close second, showing Eaton, Bassett, Jones, Carnot, Golden Gate and Mrs. Barclay.

For the best single bloom the first award went to E. Jenkins, who showed a grand flower of Appleton, and A. J. Loveless was second with Carnot.

A. J. Loveless was first and E. Jenkins second for ten blooms of any yellow variety. Both showed Peter Kay and both lots were exceptionally fine. For ten of of any white E. Jenkins won with a grand lot of Robinson, R. A. Schmidt being second with a superb vase of Nellie Pockett, and E. Limberg third with Mutual Friend of great merit.

For ten red E. Jenkins had the finest ten blooms of H. J. Jones the writer has ever seen, the flowers of great depth and substance and almost uniformly crimson, the long drooping petals showing none of the yellow reverse. The ten pink which won first for E. Jenkins in that class was another most remarkable lot. The variety was Mrs. Coombes, and in addition to large size and perfect finish the deep pink color of every flower was many shades deeper than I have yet seen in this most noteworthy new English variety. E. Edwards was second with the same kind and a grand lot but they looked pale by comparison with the

first winners. The class for ten of any other color brought out a grand trio of vases and presented a judging problem ultimately solved by giving E. Jenkins first for Rustique, A. J. Loveless second for Mme. Georges Bruant and E. Limberg third for Golden Gate.

In the classes for five blooms E. Jenkins was first for five yellows and five red and five any color, and J. Dallas first for five white and five pink. For six Viviand-Morel the honors went to E. Jenkins and A. J. Loveless and for six Glory of the Pacific to E. Edwards, E. Jenkins and E. Limberg. First for six Bonnaffon went to E. Jenkins, who staged some of the best finished flowers seen in many years. He also won first for six Appleton, six A. J. Balfour, six Constable, six Robinson, and A. J. Loveless won the premier award on six Carnot, six Jones, six Carrington and six Lady Hanham.

From the foregoing it will be seen the chrysanthemum portion of the schedule was varied and comprehensive, practically all the good available varieties being provided for and shown so there was not the preponderance of one or two giants as in many shows last year.

Orchids were a feature of the show and occupied one entire side of the hall, in fact outside of last year's show in Madison Square Garden no such display has ever been seen. They well demonstrated a healthy spirit of friendly rivalry among the Lenox people for here were two displays, each covering fifty square feet, and the flowers alone in each representing a commercial value of over $200, in competition for a prize absurdly small in cash value, but the honor of winning counts for something considerable in the Lenox community and long may this admirable spirit prevail.

The first prize went to G. Phileox, but for the artistic merit of arrangement which won for this exhibit the coveted award credit must be given to F. Heeremans, as in originality of conception and clever execution the arrangement of this display was equal to the best work done by professional decorators in our large cities. To attempt a description is futile, but the display was a unique and striking feature of the show. The second award went to A. J. Loveless for a grand display in point of variety and in quantity and quality of bloom. For twelve plants of Cattleya labiata G. Philcox was first and A. J. Loveless second, and these two exhibits made quite a display as in both cases the twelve plants were carrying well over 100 flowers. A. J. Loveless was first for twelve cypripediums and H. P. Wookey and G. Philcox received the awards in the order named for twelve Oncidium varicosum, both staging magnificent plants, carrying enormous sprays of flowers.

Roses and carnations were well and largely shown. There were fourteen classes for roses, the principal prize winners being G. Philcox, first, for twelve Beauties; E. Jenkins first for twenty-five Bridesmaid and twenty-five Kaiserin, whilst A. J. Loveless secured first for twenty-five Brides and twenty-five Morgans. He was also first for twelve Brides, twelve Morgans, twelve Liberties, twelve Balduins and for a vase of fifty blooms in variety. For twelve Carnot and twelve Kaiserin E. Jenkins secured first.

Carnations of excellent quality were shown in twenty-five and twelve of the different colors, the winners of premier awards being Messrs. Loveless, Jenkins, Wingett, Dallas, Carlquist and Schmidt.

House of Young Beauties at Wietor Bros., Chicago. Planted July 26. Photographed Oct. 20.

In violets, J. Dallas was first for 100 Marie Louise, E. Jenkins for 100 Campbell and H. P. Wookey for 100 single violets, the competition in all these classes being close and spirited.

In plants E. Jenkins was awarded first for a stove plant, showing a remarkable specimen of dieffenbachia, 8 feet 6 inches high and 10 feet through. For six ferns A. Wingett was first, showing grand pieces of Nephrolepis Wittboldii, exaltata, davallioides furcans and Washingtonianum and two large adiantums. He was also first for twelve flowering plants, among which was a beautiful pot of pink cosmos, well flowered Lilium speciosum and tuberous begonias carrying immense flowers five inches across.

Three great collections of vegetables were staged, the first award going to A. Wingett for a superb lot. In other individual vegetable classes and for fruits also the chief prize takers were Messrs. Wingett, Carlquist, Elias, Loveless and Jenkins.

It was with some anxious forebodings as to the probable result that the active members of the Lenox Society undertook putting up an exhibition in their new Town Hall but they could have filled a hall twice the size just as easily.

The judges were W. Anderson, South Lancaster, Mass.; W. Duckham and A. Herrington, both of Madison, N. J.

I noticed that the wealthy residents of the Lenox district gave their support to the show in attending freely and manifesting a keen interest in the awards, and moreover in spite of unpleasant weather, especially in the afternoon and evening of the second day, the gate receipts show a satisfactory increase over last year. Visitor.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings and sports:

New York, Oct. 25.—The E. G. Hill Co., Richmond, Ind., exhibited Mlle. Marie Liger (imported French variety), light pink Japanese, incurved, scoring 93 points commercial scale. John N. May, Summit, N. J., had on exhibition No. 15 M., pink, incurved Japanese on terminal bud, which scored 74 points commercial scale. No. 11 H., bright clear yellow, Japanese, incurved, scored 95 points commercial scale; this was also exhibited by John N. May.

Philadelphia, Oct. 18.—Wm. Paul Binder, Rider, Md., exhibited No. 14, white, incurved, Japanese, which scored 84 points commercial scale. Oct. 25.—Ernst Schreiber, gardener to Wm. L. Elkins, Esq., Ashbourne, Pa., exhibited Miss Stella T. Elkins, dark red, reflexed, Japanese, scoring 85 points commercial scale, 86 points exhibition scale. Mlle. Marie Liger, exhibited by the E. G. Hill Co., scored 90 points commercial and exhibition scales. No. 15 M., exhibited by John N. May, scored 86 points commercial scale. No. 11 H., by same exhibitor, scored 85 points commercial and exhibition scales.

Cincinnati, Oct. 25.—Mlle. Marie Liger, exhibited by the E. G. Hill Co., scored 93 points commercial scale.

Chicago, Oct. 25.—Mlle. Marie Liger, exhibited by the E. G. Hill Co., scored 87 points commercial scale.

It is gratifying to note that the imported French variety, Mlle. Marie Liger, which was exhibited by the E. G. Hill Co., Richmond, Ind., before the Chicago, Cincinnati, New York and Philadelphia committees, is the same variety which was honored by the award of the $25 offered by the Chrysanthemum Society of America, competed for at the Exposition of Paris, 1900. On that occasion it was exhibited by Monsieur Liger-Ligneau, horticulteur, Orleans.

Boston, Oct. 25.—John N. May, Summit, N. J., exhibited No. 15 M, silvery pink, which scored 86 points commercial scale. Edwin Lonsdale, Secretary.

BUFFALO.

The mild and many very pleasant days are helping business, and the supply of flowers is increasing daily. Roses are improving in quality; carnations are

House of Two-Year Old Beauties at Wietor Bros., Chicago. Cut Back Aug. 20. Photographed Oct. 20.

increasing daily and improving in size and stem. The Wise Bros., of East Aurora, and Harmon & Burr, of Darien, are sending in good double violets, all of which are snapped up quickly. I don't know whether the single violets are going to be as fashionable as they were last year, but we hope so, and if so, some of we rural growers will be in it. The odor is the charm of violets and the single ones have that equally with the double, and the single have the advantage of a much better stem, and when a bunch of a hundred are pinned on a foot below Mamie's nose they have a more graceful effect; in fact they are more in keeping with her hair. When Ivory and Colonel Appleton mums are here we are in the height of the season and for the next three weeks we shall do well if we dispose of our cut at a good price.

We were favored a few days ago with a visit in the country by Prof. Cowell and W. F. Kasting. Mr. Cowell looks "just the same," but Billy's trip across the Atlantic has added about 30 pounds to his weight. He looks like a prosperous (otherwise, boodle) alderman. He has promised to give us half an hour's talk on his impressions of Europe at the next meeting of the club. He says they have grand flower shows over there. Palms sell for just as good a price in England as they do here. They grow wonderful plants, and the London barmaids are beautiful. He dwelt longer on the maids than he did on the palms. I got him switched off onto the feed question and what made him so fat, but he quickly got back to these fair dispensers of smiles and liquids, and said it was partly owing to the wholesome Guinness Dublin Stout, which they handed you out at 4 cents a half pint; to the roast beef of old England; the sparkling and pure lager of Saxony, and the superlative excellence of the Berlin sauerkraut.

Mr. Cowell will go to Chicago as one of the judges of the big chrysanthemum show and convention.

We read with much pleasure your correspondent's account of the banquet given to Mr. P. Welch by his friends and associates of Boston. He deserves all the honors given him and the success he has had. We dealt with Mr. Welch twenty years ago and always wired to him with the full assurance and confidence that our wants would be filled satisfactorily. He is a bright, blue-eyed, quick-witted descendant of the Emerald Isle.

The fact of having spent his honeymoon in Buffalo may partly account for his domestic and commercial good luck. Yet bridal couples usually seek quiet places for the first few days and you would have thought Philadelphia would have suited them better. Those blissful, brief days that only come once with good people. The second edition is not the genuine article and more of a business contract. Then to those two all the world "A solemn stillness holds" for outside of their two blessed selves the world is a blank. There is nothing of interest or importance going on in the universe to them, and after a few days of this delicious dream, unless you have a competent, steady income, you must rub your eyes, smoke up and get a move on, and then, as has been often said, the real life begins. The other was only a light comedy as a curtain raiser to the heavy drama which is to follow in many acts.

But I really did not mean to dilate on these chestnuts that are so old and yet ever young. It was the banquet. We know and enjoy the clean cut oratory of Judge Hoitt and the many sensible things that Lawrence Cotter can say in ten minutes, but we deplore that the full stenographic account of Warren Ewell's address cannot be given to the world with the earnest delivery of Grover Cleveland, the picturesque gesticulations of Roscoe Conkling, the resonant, far-reaching voice of Bailey, of Texas, or Patrick O'Mara, Esq. What a treat for his auditors! There is a happy blending of philosophy, poetry, imagery, political economy, metaphysics, horticulture and recreation so beautifully blended, and sometimes dovetailed into each other, that, inspiring as they are to hear, they are, on account of the lofty language, difficult to report verbatim. As Mr. Ewell was, from last accounts, in robust health we trust that we will hear him at Milwaukee. They have plenty of the article there that inspires men to eloquence, if not logic.

We read with interest what they are doing in Philadelphia. That cut flower wholesale market must be a great success. A boon to both grower and retailer, no middle man or middle price. Ever since I saw the working of the Boston market last March I was convinced that every big city should do the same and was fully intent on writing up my opinion of it, but thought a commission man might tell me to shut up. It may take away some of their business. You can make no reforms or improvements or progress without hurting some one temporarily, but the commission man's business is largely with out of town customers, and he can go to the market and purchase his supplies for his shipping. The Boston market is the most satisfactory institution for both store keeper and grower that can be imagined. It's only open to one criticism and that is they need more commodious quarters, which I think they are getting. Philadelphia has gone at it with a vim and it will be a howling success.

You know there are different ways of doing things, and you also know that at church offertories or collections many people look the other way when the plate is coming around. Dean Hole, that wholesouled, 6-foot-3-inch, mighty, muscular christian, says that the episcopal bishop of Denver had a young parson, a diamond in the rough, and they sent him among the mining camps. After a stay of a few days in one of the prosperous camps he hired the dance hall over the saloon and preached a strong sermon to the motley crowd. Then he called to a tin horn gambler, "Billy the kid," and said: "Here's my hat, Billy, take up a collection." Billy was proud of the job, and the first man dropped in a quarter. Billy pulled his gun and said "Young man take that back, this here's a dollar show," and so with hat and gun he got a dollar from every man in the room. I don't see myself the connection of this story with the Philadelphia flower market, but it will have to pass as a windup for this week.

W. S.

BOSTON.

The Market.

Last week was a hard week to generalize, and not worth much specialization. It was a fairly busy week, with the busy points bunched into about every other day, and we came out Saturday night with practically no good material to keep over Sunday. If a scarcity exists anywhere, it is probably in the violet department, where it is not marked.

Chrysanthemums may be at their greatest numbers, but, if so, have hardly yet overshadowed the demand for them. They stand in the way of profitable sales on other lines of goods, perhaps. Prices run fairly good, however, upon good material, but the call for poor material seems more limited than usual.

Another Annual Event.

The stockholders of the co-operative market held their tenth annual meeting at Young's hotel Saturday evening, October 25. At the head of the banquet table, flanked by about forty stockholders, sat President Stickel and the board of directors. Invited guests were corre-

spondents of all trade papers and official auctioneer. Carroll, who did their full duty in the general onslaught upon the choice viands and refreshments served by the first-class management, and as near their duty in the flow of wit and wisdom following as their several capabilities admitted.

The only business definitely settled was the election of officers for the ensuing year. This matter went through very glibly, as an official was instructed to throw one vote each for President Stickel, Vice-President Nicholson and Treasurer Geo. Cartwright to retain their present positions, and one vote for directors resulted in the choice of E. N. Peirce, E. Sutermeister, L. W. Mann, J. Walsh, W. W. Edgar and Alex. Montgomery.

It then developed that the directors are still at sea in regard to new quarters for a larger market, all negotiations for a central position having fallen through, and the sense of the meeting concerning a Back Bay location indicates a move in that direction.

Much time was spent in discussing the fact that uneasiness exists among the stall-holders because so few hold certificates of stock, and it was practically voted to make use of some plan vouched for by the commissioner of corporations to admit all florists who wish to enter the corporation upon a fair basis. The report of the treasurer, of course, shows a flourishing condition, but no more money on hand than the growing needs of the business can make use of; because there is no reason why, with the proposed increase of stock, that a permanent home should not be owned in a few years, rentals of parts of which will go far toward reducing expenses and thereby assisting in the payment of purchase price. Particularly broad and generous views of the situation seemed to prevail, and the uppermost thought is for the "greatest good for the greatest number." J. S. Manter.

Lawrence, Mass.—The annual flower show of the Lawrence-Cedarhurst Horticultural Society will be held Nov. 6 and 7.

A VISIT TO RICHMOND.

One of the pleasures I like to indulge in a few times every year is a trip to Richmond, Ind. You can always depend on seeing a few good new things in the florist line when you go there and visit The E. G. Hill Co.'s establishment. There are a few larger places than theirs in the country, but I doubt if any place in this land can show you as many sterling novelties in the various lines they carry as you will find here, and I doubt if you could find another man in this land who could point out the good points to you in such a way that you will forget to look for weak ones as the genial senior member of this firm is sure to do. There were several things that I went to see specially this time and I was not disappointed, for they are always ready to take you through and show you a great deal more than you expected to see.

Of course the main attraction just at present is the mum houses, and they are worth going a long way to see. There you will find grand stock of all the leading varieties, both new and old. To go over the list of varieties would be wearisome, as you will be able to see them at the shows and in the show reports, but I want to just mention two varieties from which I could hardly pull myself away. The one was a yellow Timothy Eaton. The exact counterpart of the original, except the color, which is a good clear yellow, a little deeper than Bonnaffon. This one will likely lead the yellow varieties just as Timothy E. leads the whites. The other is a pink of grand form, color and habit, and I miss my guess if it does not become the leading pink in the early midseason class. They have one house full of it and it was my good fortune to see it before many blooms had been cut and hundreds were waiting for the knife. Every bloom a perfect specimen and not a cull among them, and the plants stood about four feet high. This variety is called Mlle. M. Liger and Mr. Hill promised me that he would send the Review a photo of the house I saw.

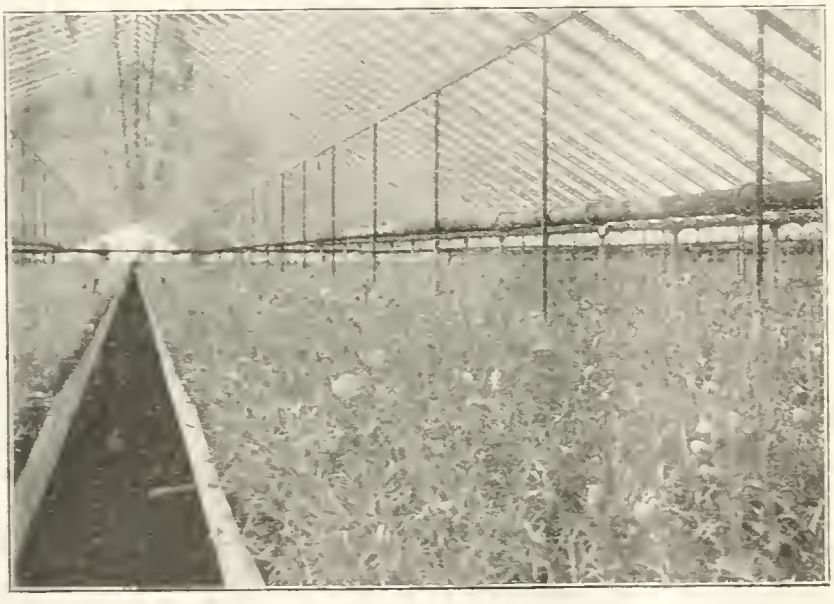
The carnations were quartered mostly in two new houses that were built last summer, and although they were not benched as early as they expected, yet they are in fine shape. The plants are stocky and a great crop of blooms is coming in a short time. Adonis is being kept denuded of buds because the demand for cuttings is such that not a single shoot can be spared for a while yet. Their new white Innocence looks like a profitable variety to grow and I was well pleased with its looks. Another variety they think highly of is Floriana, and it certainly is a grand carnation, too. Gov. Wolcott also looks good. There is a host of varieties, in fact all the new ones and the good old ones, and all show signs of good culture.

Two things in roses struck me favorably above all the others. The one was a seedling yellow of good color, size, and a splendid growth, and as a good yellow rose has been wanted for several years this will surely meet with a good demand when it comes out. The other one travels under the number 444 and it is yellow, too, though quite distinct from the other. This latter one, when the bloom is fully expanded, shows a deep orange colored center, which shows to good advantage with the clear yellow of the other petals. You will hear of this variety soon, I think.

There are houses and houses full of all manner of other stock, both standard varieties and novelties, but I have neither time nor space to mention them in detail. I am always interested in novelties, and really if you want to keep up with the times you must go and see them whenever you have the chance.

From there I took the Centreville car and went to see President McKinley at E. T. Grave's place, and I was glad I went because I saw a good carnation. You have seen it described and you can see it at the shows this fall, so I shall only say that it looks like a well grown Lawson. The plant is strong and healthy. In point of number Dorothy easily leads at this place and a splendid sight it is. In fact all of their carnations look fine and a heavy cut is promised by the looks of the plants. They also have a bench of as fine Timothy Eaton as I have ever seen, and they will likely send a few to Kansas City and Chicago. Appleton has also been grand with them this season.

A. F. J. Baur.



House of Flora Hill Carnations at Wietor Bros., Chicago. Planted Aug. 23. Photographed Oct. 20.

NEW YORK.

Tarrytown and Scarboro.

A visit to Tarrytown was of especial interest and value. The wonderful new fern, Nephrolepsis Piersoni, "keeps on its widening way," appreciating in quality and numbers every day. The specimen plants for the fall exhibitions are at their best now and will soon be doing missionary work. The 2½-inch stock for February delivery is being potted by the tens of thousands, and the advance sale is enormous. The engraving in this week's issue illustrates the remarkable beauty of the fronds. That the supply will equal the demand is hardly possible, great as are the facilities for reproduction.

A trip to Scarboro to see the wonderful new greenhouse being erected by the Pierson-Seiton Co. was a revelation, as were the twenty-five acres of choice nursery and herbaceous stock, and the seven large houses, each 300x20, erected some years ago, devoted to American

A House of La France at Wietor Bros., Chicago. Planted June 16. Photographed Oct. 20.

Beauties, and looking as bright, strong and well preserved as the year they were built.

But the new house, the first of its kind ever erected, will pay any grower to visit. This house is 350 feet long, 55 feet wide, and 22 feet high. Figure it out how many square feet it contains. Its total cost will come very near $15,000, no more than an ordinary greenhouse of the same size, but a wonderful improvement in every way. It will be the first house ever built entirely of galvanized iron, will have no gutters, no rafters, no painting. Its sides are of Portland cement, its sashbars of galvanized iron in U shape, with the groove filled with cypress so treated that decay would seem impossible. The cement blocks for the sills are from two to three feet in height and of course indestructible. The lightness of construction, and yet remarkable strength, are very perceptible, even to the novice.

By the way, Mr. Pierson has the gold medal that the S. A. F. awarded his fern at Asheville—and a big medal it is—of which he is very proud.

A trip to William Rockefeller's and Helen Gould's completed the courtesies of the day, and Washington Irving's tomb, Sleepy Hollow, Andre's monument and the bridge where Icabod Crane saw the headless horseman were amongst the matters of interest that made the trip a happy memory.

A shake hands with the autocrat of the Gould conservatories, Ferdinand Mangold, young at seventy-four, was a pleasant incident of the day.

A Visit to Ernst Asmus.

Last Wednesday by invitation of Ernst Asmus, his new rose house at Closter, N. J., was visited by L. M. Noe, Madison, N. J.; S. C. Nash, Clifton, N. J.; Benjamin Dorrance, Dorranceton, Pa.; F. L. Moore and Ralph Moore, Chatham, N. J.; Henry Hentz, Jr., Madison, N. J.; Frank McMahon, Seabright, N. J.; Eugene Dailledouze, Flatbush, N. Y.; J. Hillman, secretary of the New York Cut Flower Co., and the representatives of the Exchange and of the Review. The day was a perfect one and the "outing" corresponded in every way. Mr. Asmus is a model host, and he cannot have too many inspections to suit his visitors if this is a sample of his method.

The house is one of many to be erected and contains 31,000 square feet. A greenhouse 400 feet long, 55 feet wide and 23 feet high, filled with 8,000 Beauties, 900 Queen of Edgely, 1,500 Maids and 1,000 Brides, is a great sight, and you can calculate the daily output of such an enterprise. The first crop of the Maids was 11,000, the first planting, August 1. The glass is 24x30. The capacity of the one house is one-fourth of the entire original plant at West Hoboken, where Mr. Asmus has sixty-five houses. Hitchings & Co. were the builders of the greenhouse, and it is a monument of their skill that will stand for generations.

When Mr. Asmus was asked what he was going to do with his eighty-five acres of splendid land here, he said: "Fill 'em up with greenhouses." Better rose soil is not obtainable anywhere. From this source the houses at West Hoboken are supplied. Mr. E. R. Asmus is in charge, and seven men assist in caring for this great establishment. The boilers are of 40 horse-power. A running brook on the property insures an unfailing water supply, the capacity of the elevated tank being 30,000 gallons. Twenty-five feet of space will be allowed between the houses as new ones are erected. There is room enough for a hundred of them. Everything has been done with a view to extension. Shed, office, ice boxes, electric plant for lighting and pumping, all have abundant capacity. The large house is practically fire proof, the sash bars and doors being the only wood used. The curved glass eliminates the gutter problem.

From "Ernstina" or "Asmusiana" or "Willowbrook" the carriage drive to the Closter hostelry was less than half a mile, and here a banquet that lacked nothing awaited the guests, the generous entertainer being toasted in champagne.

The afternoon was devoted to a visit at the home plant, which "Liberty" has helped to make famous, and where everything was in grand condition. Several houses of gardenias and four new lilac houses in process of building were first inspected, and then house after house of Liberty, Cusin, Watteville, Golden Gate, Alice Roosevelt, Testout, Carnot, valley and mums, with many "seedlings" of merit and the fine new yellow rose "444," that gives promise of becoming a favorite, and to which several houses are already devoted. Liberty is in splendid condition, about a dozen houses filled with it, one, two and some three years old.

The closing festivities occurred in the Asmus mansion, where the investigation of the hunting trophies of many years developed proofs of any moose stories which Mr. Asmus could possibly originate, including the head and bent antlers of the very giant whose struggles caused the injury to Mr. Asmus' arm a few weeks since, notwithstanding that the moose "bit the dust" several years ago! However, the magnificent exhibit, heads and horns covering the walls of many rooms, evidence skill that must have taken many moons to develop, and altogether form the most interesting private collection of actual "fruits of the chase" I have ever seen.

The day was a most delightful one in every respect, and all who accepted the hospitality of Mr. Asmus were more than pleased with the generous outing provided.

Notes.

Tomorrow night will open at the Madison Square Garden what now promises to be the greatest flower show and sculpture exhibition ever given in this country. An enormous attendance is anticipated. All the metropolitan papers are full of illustrations and favorable comment concerning it, and with propitious weather a great success is assured. In your next a full report will be given. The entries of exhibits are numerous and satisfactory to the management.

The coal agony is over. From $24 a ton to $6.50 is a big "drop," but the noise of the fall was about as sweet music as the growers have heard in many a day.

Henry W. Gibbons, the greenhouse architect, will show at the garden this week a very pretty design for a home window garden, which can be attached to any house, at a cost of $40. The size is 5 feet by 2½ feet, 6 inches.

The Lotus Club saw a very handsome decoration last week at the dinner given the Crown Prince of Siam. Autumn foliage and American Beauties only were used, but the general effect was charming.

The Jones-Kip wedding at the Church of The Incarnation, Saturday, was a brilliant affair, chrysanthemums being principally used in the decorations, which were by Hodgson.

The retail trade generally reflected the dull condition of the wholesale market and the week was voted the most discouraging of the year to date, not only among the smaller stores but in all the large ones.

The Rapid Transit Commission is arranging to replace in the spring the beautiful trees it has destroyed on many of the city's finest avenues and boulevards.

Mr. Miller, of Guttenberg, is sending thousands of his fine yellow mum Cremo to Ford Bros., shipments already aggregating 1,000 flowers at a time.

All the wholesale stores are flooded with chrysanthemums. The supply seems

inexhaustible and never before reached such proportions so early in the season.

The American Institute will hold an exhibition of chrysanthemums, roses, carnations and ornamental plants at Berkeley Lyceum Nov. 12 and 13.

A few of the faithful materialized on bowling night and eleven games were rolled. Lang scored 234 in one game and the best put up by the others were: Hansen, 157; Mansfield, 177; Siebrecht, 214; Traendly, 129; Shaw, 148.

J. Austin Shaw.

CHICAGO.

The usual market report will be found following the Chicago quotations elsewhere in this issue.

In this issue we present a number of views from photographs taken recently at the establishment of Wietor Bros., Rogers Park. They are now cutting Meteor and Liberty of fine enough grade to command $8.00 per 100.

The horse show opened this week, and Phil Hauswirth used 500 mums in one day at social affairs in connection with it.

W. H. Drake, Kenosha, Wis., Mrs. Gontram, Battle Creek, Mich., and Chas. Chadwick and wife, Grand Rapids, Mich., were recent visitors.

Quite a number of Chicago growers will visit the Kansas City show next week.

The termination of the coal strike does not seem to have affected prices here yet.

The bowlers have organized four teams and will begin a series of league games next Tuesday evening.

The new sculpture hall at the Art Institute, where the coming exhibition will be held, is 208x58 feet and 34 feet high. There will be room for all and every grower should be represented. The exhibition opens Nov. 11 and copies of the schedule can be had from E. A. Kanst, Ass't. Sec'y, 5700 Cottage Grove avenue.

The Ogden Floral Co. will open its new store at 848 West Harrison street, next Saturday, November 1. D. F. Simonds and J. R. Butzow are the proprietors.

F. F. Benthey is serving as a juror in the criminal court.

The plants and other stock of Walter Retzer & Co. will be sold at auction by order of the United States Court next Wednesday, Nov. 5, at the greenhouses, 2049 Clarendon ave. (North Halsted st.), the sale beginning at 10 a. m.

PHILADELPHIA.

The Flower Market.

The election of R. G. Palmer as treasurer of the Flower Market completes the list of officers. Mr. Palmer is a well known grower of fine tea roses, with greenhouses at Doylestown. His election completes a strong board of officers, which stands as follows: President, Joseph Heacock; vice president, W. K. Harris; secretary, Edwin Lonsdale; treasurer, R. G. Palmer. Progress is being made at the market headquarters, 1224 Cherry street. Water, light, telephone and stalls are all in evidence, and while much remains to be done, the plan begins to have an appearance.

These hasty notes go to press on the eve of the great party. The committee referred to last week has provided music and merry making of various kinds; another committee has loaned the decorations out; a third, led of course by the great and only John Westcott, has taken thought—solid but not effervescent thought—for the solid comforts; while still a fourth committee has showered invitations all over town. So it is to be hoped that all the world of flowers was present on Thursday night, and that they all have pleasant recollections of their evening spent in the new flower market.

Notes.

The first debutante's tea, the opening affair of the season, was held last week.

M. Rosens, a New York supply man, was in town looking up space in the flower market a few days ago.

The Colonial Flower Shop, C. H. Grigg manager, is now open for business at 139 S. Eleventh street.

Dr. Cotting has given up his Swarthmore place, which was run by John Nesbitt.

The Philadelphia Cut Flower Co., Dunn & Walsh, makes a specialty of decorating. They report a good business with orders booked ahead.

Leo Niessen is handling some fine pink bouvardia.

The decorators are making rich effects with oak leaves and other bright colored autumn foliage.

Robert Scott & Son are sending in some fine flowers of Mrs. Trainor L. Park to S. S. Pennock.

Joseph Kift & Son use many Queen of Edgely roses. This variety is increasing in popularity.

Pennock Bros. are making gorgeous effects in their windows with chrysanthemums.

The local press contained accounts lately of the havoc wrought by Jack Frost on the Peacock dahlia farm at Atco, N. J. It was said that one hundred persons engaged in picking and caring for the dahlias were thrown out of employment.

William K. Harris is cutting some fine blooms of his straw colored chrysanthemum, Miss Florence Harris.

The Philadelphia Wholesale Flower Market opens for business Saturday, November 1, at about 7:30 a. m., at 1224 Cherry street.

Phil.

ST. LOUIS.

The Market.

Business is not booming here just at present, owing to the beautiful, summer-like weather we are having, the effect of which is severely felt in the cut flower trade.

The few fall weddings that are taking place are not making much of a stir in the cut flower line, and about the only business the past week was for funerals. On Friday everybody was busy with work for the funeral of Mrs. Townsend, wife of H. C. Townsend, general passenger agent of the Missouri Pacific. Never before was there a church filled with so many beautiful floral designs as was the First Congregational on last Friday morning. The quantity of flowers used at this funeral would lead one to think that the wholesale houses were all cleaned up, but this did not make even an impression on the market, so great was the glut at the wholesale houses.

The retailer can get almost anything he wants and plenty of it and at any old price, something he has not been able to do for many moons, and just at present, the man with a big job on his hands can congratulate himself.

Chrysanthemums are in the greatest demand and the florists' windows are filled with all varieties. These are not yet a glut and it is only the poor grades that sell slowly and at low prices.

There are heavy receipts of roses, and the wholesaler has hardly room in his ice-box to place the unsold stock each day. The stock is of unusually fine quality and no other sells. Anything in the second grade is lumped off in 1,000 lots at about your own price, and some of it is even dumped.

Carnations also are feeling the effects of this warm spell, and often are asleep when they arrive at the commission house. The best keeper just now is Ethel Crocker. Daybreak, Scott, Lawson, Crane and others are piled up in 1,000 lots and they are hard to sell. Never before were there so many carnations dumped as last week, which of course is not to the liking of growers.

California violets are very fine and there are plenty of them for the demand. Valley and cosmos are in great abundance and sell fairly well. Good smilax can be had in large quantities at the usual price.

Notes.

Mr. Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia, was in town Saturday calling on the trade.

J. B. Heiss, of Dayton, Ohio, was a visitor the past week.

Mrs. Francis Morat, of Louisville, Ky., mother-in-law of Jacob Schulz, was visiting friends here last week.

In the prize contest last week at Simmons' Hardware Co.'s retail store for the best table decoration, Ostertag Bros., won first prize, and Charlie Connon's Golden Wedding table came in for second. Both tables were very handsome and attracted much attention the two days they were on exhibition.

Fred W. Pape, general superintendent of the parks, and Miss May Miller were married last Wednesday evening, at the residence of the bride's parents, 702 Longborough avenue. After a reception Mr. and Mrs. Pape departed for a southern trip of two weeks, after which they will be at home to their friends at 2850 Wyoming street.

The florists of St. Louis were glad to read in the last issue of the Review that the check swindler, who operated so successfully in this city two weeks ago, was caught in Kansas City, according to Mr. Vesey's notes, and the ladies are waiting for this weeks' issue to see his picture and ascertain if he is the same fellow, as they say they can identify the swindler at once, so we hope Mr. Vesey will not forget the picture.

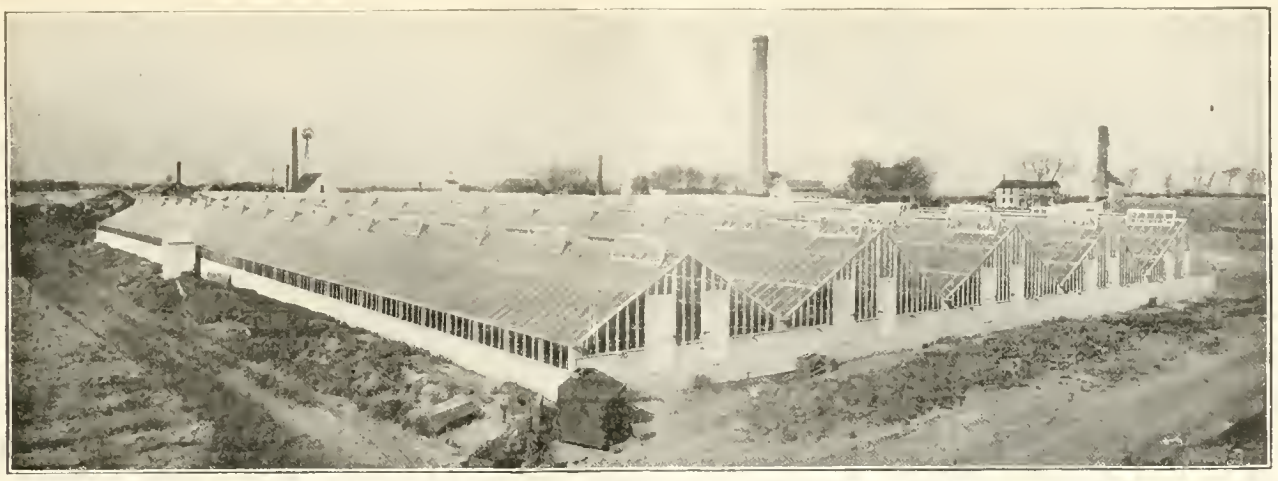
Miss Lillian Shaw, daughter of our friend, J. Austin Shaw, of New York, is here this week with The Liberty Belles at the Century theater. A party of florists went down to see the show Monday night and enjoyed the performance very much, and especially the part taken by Miss Shaw.

J. J. B.

CINCINNATI.

Though a very fair business is being done it is not quite what it ought to be. Some of the store men are complaining, but the majority of them report very fair business in spite of bad conditions.

Chrysanthemums are now in in all their glory, and there is a good supply



The Latest Addition to the Glass of Wietor Bros., Rogers Park, Chicago.

of them. As a rule a very fair figure has been obtained, and if they were anywhere near fancy they sold readily and at a good price. This simply demonstrates the fact that you must grow your stock just a little better than your neighbor. In so doing it is sure to be sold and at a good price. There are plenty of white mums at present, but pink ones are a trifle scarce and a good one is much needed. Yellows are more plentiful and Col. D. Appleton is proving itself to be a world beater. Some of this variety now being cut at B. P. Critchell's are superb, and bring the highest prices obtained for any mum, in quantity, so far this season, $3 per dozen. They are certainly worth it and sell as fast as they come in. In medium grades it looks very much as if this market would be overstocked by the last of this week.

Roses are a glut. All have felt the influence of the mum and the unfavorable weather. Brides, Maids, Gates, Liberties, etc., all are in oversupply, and the buyer gets his choice and at his own price. Beauties are suffering along with the rest, and quoted prices were prices in name only. Still the majority of them were sold and the net returns were not so bad. The Beauties in most cases were very poor in color, and the blooms undersized.

Carnations have not suffered in price quite so much as other flowers. Fancy ones sold well at the regular quoted prices. Only the mediums and culls suffered, and they were cleaned out fairly well, but at slightly reduced prices.

Dahlias and cosmos are still to be had but are about played out. Violets are rapidly increasing in supply and sell fairly well.

E. G. Hill Co. sent a chrysanthemum to be passed upon by the local chrysanthemum committee, and was awarded a certificate with about ten points to spare. It was Mlle. Marie Liger, the new French variety which won the prize offered by the Chrysanthemum Society of America for best seedling mum in build and color. C. J. Ohmer.

PITTSBURG.

The increase in the supply of all kinds of flowers the past week was very heavy. Roses were thicker than flies around a molasses barrel on a hot day. Maids arrived in very large quantities, due to the warm bright days. Job lots of these were sold at unmentionable prices. Large quantities of chrysanthemums are now to be had and the prices on them are low, quality considered; the demand is good. Beauties are increasing in supply; the better grades sell the best. Carnations are also abundant; the poorer grades in pink and white remain unsold. Some very fine cosmos are still to be had. For prices see this week's issue under Pittsburg quotations.

Henry Eichholz is shipping some very good chrysanthemums; they compare favorably with any around. He also has a seedling carnation which he named Tiger; it is of a peculiar yellowish hue and very large in size.

Wm. Lauck, of Carrick, is now cutting some very fine Robinson and Simpson mums. Billy was always a good chrysanthemum grower.

Theodore Langhans, of the Cut Flower Co., who has been confined to his home by illness, is at his desk again.

The next meeting of the Pittsburg and Allegheny Florists' Club will be held Wednesday evening, November 12, and it is to be a chrysanthemum night.

Superintendent William Falconer's chrysanthemum show at the Schenley Park conservatory opened Sunday, October 26. Its a double exhibit this year of chrysanthemums and cacti. The exhibit of cacti is new and contains specimens from Africa, South America, Mexico, the United States and India. The exhibit of mums is splendid, over 12,000 plants being displayed.

Hoo-Hoo.

CANADIAN HORTICULTURISTS.

Mr. G. L. Creelman, secretary of the Ontario Fruit Growers' Association, has notified me that it is proposed to add a new feature to the programme at their next annual meeting to be held at Walkerton, Ont., December 1st and 2nd.

A special session will be held for those interested in the cultivation of plants and flowers. Papers on these subjects will be read and Mr. Creelman is anxious to secure the attendance of other gentlemen who are interested—trade or otherwise. This opportunity should not be lost, as a full report of the meeting is issued by the government.

A. H. Ewing, Secretary C. H. A.
Woodstock, Ont.

VITIS COIGNETIAE.

We are mailing you under separate cover leaves of the vine sent out several years ago as "Vitis Coignetiæ" and recommended at that time as a decorative vine producing very brilliant colored foliage in the fall. Until this year it has not met our expectations in this respect, but just now either owing to the greater maturity of the vine or a specially favorable season, or perhaps part of both, the vine in question is certainly a most beautiful sight, as the foliage has turned the most brilliant crimson and yellows as you will note by the leaves sent you. If this plant will continue in the future to produce such magnificent colors it certainly is well worth more free use.

The Elm City Nursery Co.
New Haven, Conn.

[The leaves were well colored, though hardly as brilliant as we had expected from the description.—Ed.]

A copy of the wholesale catalogue of trade supplies recently issued by E. H. Hunt, Chicago, has reached us. A very striking feature is the line of original half-tone designs that they print to order on their Liberty cut flower boxes. They are very artistic and cannot fail to attract favorable attention. Half-tone engravings from photographs have almost entirely superseded the old style drawing or wood cut in this firm's catalogues and it is worthy of note that even a coil of hose shows up much more attractively by this process, while ribbons, cords, baskets, vases, etc., are depicted so much better than in a wood cut that there is no comparison.

Oxnard, Cal.—At the Farmers' Institute held here recently a remarkable display of begonias was made by Mrs. Theodosia B. Shepherd, of Ventura, Cal. Over seventy-five different varieties were in the collection. She delivered a lecture upon hybridizing and cultivating the begonia, her favorite flower, and was listened to with the deepest attention. In her gardens at Ventura she has over 150 varieties of begonia, many of them seedlings of her own growing.

Greenville, Texas.—The Greenville Nursery and Floral Co. has been organized with headquarters here and the company will grow a general assortment of bedding and decorative plants, cut flowers, and a full line of nursery stock. Mr. L. B. Seaman is president.

Hutchinson, Kans.—At the recent state fair the principal winner of prizes in the floral classes was John Stamm, who made an extensive display.

The LATEST IDEAS IN RIBBONS

Samuel S. Pennock,

Open from 7:30 a. m. to 8:00 p. m.

1612-14-16-18 LUDLOW STREET, PHILADELPHIA, PA.

The LATEST IDEAS IN RIBBONS

Mention The Review when you write.

Wholesale Cut Flower Prices.

Milwaukee, October 29.

	Per 100
Beauties, Specials	$18.00 to $25.00
" Extra	12.50 to 15.00
" No. 1	8.00 to 10.00
" Shorts	4.00 to 6.00
Brides and Maids, Specials	5.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gates	3.00 to 5.00
Kaiserins	4.00 to 6.00
Liberty	4.00 to 8.00
Meteors	3.00 to 5.00
Perles	3.00 to 5.00
Carnations, Commons	1.00
" Faucies	2.00 to 3.00
Adiantum Cuneatum	1.00
Asparagus plumosus, Strings	60.00 to 75.00
" " Sprays	2.00 to 6.00
" Sprengeri, Sprays	2.00 to 6.00
Daisies	.50
Callas	10.00 to 15.00
Chrysanthemums, Ordinary	6.00 to 8.00
" Fancy	15.00 to 25.00
Violets, ordinary	.50 to .75
Smilax	15.00
Galax	.20
Common ferns	.20

Although there is an abundance of stock in all varieties in the market at present the demand has kept pace with supply. Good stock commanded fair prices, although much inferior stuff went at pretty low figures. Some fine blooms brought $3.00 a dozen and ordinary grades sold at 50 cents to $1.50 per dozen. The warm, bright weather brought on a heavy crop of roses and carnations and there were plenty of them to satisfy all classes of buyers. Violets are coming in freely and of extra quality, but demand rather light. Some fine cosmos are in the market. INCOG.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A good all-around florist; a single, honest and sober middle-aged man, one that can grow roses, carnations, mums, bulbs, potted plants, etc.; must be able to manage place entirely if necessary; state wages with good home, also references; steady place to right man. Moore & McAllister, Batavia, Ill.

FOR SALE—A No. 9 Kroesehell boiler that will carry 6000 feet of 4-inch pipe. Has been patched but is as good as new. Have been obliged to put in a larger boiler to take care of additional space, and this is only reason for selling. Cost $375.00 and will sell at half price, f. o. b. Elgin. Geo. Souster, Elgin, Ill.

FOR SALE—Good boiler, heating capacity 8000 feet of glass; perfect. George Staffinger, Springville, N. Y.

WANTED—A young man who has a good experience in General Greenhouse work as assistant. Must be sober, honest and industrious. Must be well recommended by last employer. State wages expected without board. Address D. F. C., care Florists' Review.

WANTED—A good heater for greenhouse 50x16, with pipe for same. All must be in perfect condition. Would also consider a boiler of double capacity. Write promptly. Address Box 12, Marshall, Ill.

FOR SALE—Greenhouse sites near Wilmington, Del. Wills Passmore, Surveyor, Brandywine, Del.

WANTED—Single man for night work in vegetable and florist greenhouse. A. F. Johnson, Gardner, Mass.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—As plantsman or buyer. Competent and reliable. Address Plantsman, care Shultz, 217 West 68th St., New York.

WANTED—A rapid and successful propagator of carnations. Address J. J., care Florists' Review.

FOR SALE—15 boxes new glass, 16x18 A. D. S., at $4.25 per box. Davis Bros., Morrison, Ill.

WANTED—A good all-around florist; a single, honest, temperate young man, not afraid to work; one that can wait on customers if necessary; state wages expected with room; give some idea as to ability. W. M. Lott, Warren, Pa.

WANTED—A-1 florist at once to grow chrysanthemums, carnations, roses and potted plants (married preferred); house furnished; state wages. Mrs. Geo. E. Mercer, Bowling Green, Ohio.

SITUATION WANTED—By experienced grower; fine roses, carnations, mums, general stock; best references. Address W. Henry, P. O., Cleveland, Ohio.

FOR SALE—Horizontal tubular boiler (25 H.P.), complete in every way and in good order. Address Samuel Van Bochove, Kalamazoo, Mich.

BARGAIN—If you are looking for a genuine bargain in a first-class greenhouse proposition, write at once for particulars to K., care Florists' Review.

WANTED—Two traveling salesmen; first-class energetic men of gentlemanly appearance and good habits. Must have a thorough knowledge of the seed bulb and nursery trade. Preference given to parties with an established trade. Applications treated strictly confidential. State age, previous experience and salary expected. Address C. E. C., care Florists' Review.

WANTED—Situation, in Chicago, as gardener; private or commercial place; 6 years' experience; good refs. Address E. V., care Florists' Review.

WANTED—Young man for flower store; must have a fair knowledge of the business and not afraid of work. Answer with reference. M. K. C., care Florists' Review.

WANTED—Three or four young men as helpers in our rose and smilax house. Apply to Bassett & Washburn, Hinsdale, Ill.

FOR SALE—Horizontal tubular boiler 48x15 with plu hat dome and with thirty-nine 3½-inch flues; very suitable for heating hothouses. Apply to Wisconsin Box Co., Wausau, Wis.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Good retail trade. Address S. S., care Florists' Review.

WANTED—Address of Arthur L Hilton, formerly of Setauket, N. Y. Address P. H. A. care Florists' Review.

FOR SALE—Seven acres of land; greenhouses, over 6000 feet under glass; good location; good 7-room dwelling house; No. 1 flowing well; good business; retiring from business on account of failing health. For particulars address T. Kloss, St. Peter, Minn.

WANTED.

First-class head gardener for large estate south. Unmarried preferred. Apply, stating age, experience, salary and addresses of previous employers, to

W. E. PAGE, Fernandina, Fla.

Wanted to Rent

For five or ten years, with intention to buy, on May 1st, 1903, 20,000 to 25,000 square feet of glass in surrounding of forty miles or less from Chicago. No stock wanted. Hot water heat. Everything must be in good condition. Good railroad connection necessary.

Send particulars to

F. P. B., care Florists' Review.

Poinsettias for Xmas!

SURE TO BLOOM.

Extra fine stock, 2½-inch pots				$ 7.00 per 100
" " "	3	"	"	10.00 "
" " "	4	"	"	15.00 "
" " "	5	"	"	25.00 "

HYDRANGEAS.

Field-Grown, very fine plants, ready for 7, 8 and 9-in. pots, at $15.00, $18.00 and $20.00 per 100.

Pot-Grown, well branched, $6.00 per doz.

Terms cash or satisfactory reference.

ADDRESS

S. ALFRED BAUR, ERIE, PA.

Mention The Review when you write.

PRIMROSES!

CHINESE—Single—Mixed, 2¼-inch pots, **$1.50** per 100.

Asparagus Plumosus

2¼-inch pots, **$3.00** per 100.

NARCISSUS—Paper white, **$1.00** per 100.

GERANIUMS—10 varieties, 2-inch pots, **$2.50** per 100.

Pansy Plants

$3.00 per 1000. **60c** per 100.

Cash or C. O. D.

JOS. H. CUNNINGHAM, DELEWARE, OHIO.

Mention The Review when you write.

1902 CROP ASPARAGUS SEED.

Decumbens, new, superior to plumosus, 100 seeds, $2.25; 1000 seeds, $20.00. **Plumosus nanus,** 100 seeds, $1.00; 1000 seeds, $9.00. **Sprengeri,** 100 seeds, 35c; 1000 seeds, $2.50.

All other high-grade seeds for Florists. Send for a copy of our **Seed Buyer's Guide.**

MOORE & SIMON, Seed Growers,

207 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

500,000 VERBENAS....

60 finest named varieties including our Mammoth White, Mrs. McKinley, the finest White Verbena grown.

PERFECTLY HEALTHY—FREE FROM RUST.

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.
Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

FOR SOUTHERN WILD SMILAX

(Where Quality is First Consideration.)
Write, Wire or Phone the introducers

Caldwell The Woodsman Co., Evergreen, Ala.

or their agents: L. J. Kreshover, New York; J. B. Deamud, Chicago; H. Bayersdorfer & Co., Philadelphia; W. F. Kasting, Buffalo; J. M. McCullough's Sons, Cincinnati, Ohio; Vail Seed Co., Indianapolis.

Mention The Review when you write.

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; terms reasonable; best of reasons. Correspond with

ROBERT F. TESSON, Trustee,
4248 Olive Street, ST. LOUIS, MO.

Mention The Review when you write.

LEO NIESSEN,
VALLEY, BEAUTIES.

N. W. Cor. 13th and Filbert Streets,
PHILADELPHIA, PA.

Store open from 7 a. m. to 8 p. m. until further notice.

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FRENCH and DUTCH BULBS.
EXCEPTIONAL PRICES to suit existing conditions.

SINGLE NAMED DUTCH HYACINTHS, $3.50 per 100; $30.00 per 1000,

Comprising 40 standard varieties of exceptional quality, large size and true to name and color. These are unusual value but colors will be sent out in equal proportions.

SELECTED SINGLE DUTCH HYACINTHS, 15 to 17 centimeters, separate colors, large bulbs, unsurpassed quality, $2 50 per 100; $22.00 per 1000.

Single Dutch Hyacinths, separate colors, 13 to 15 centimeters, $2.25 per 100; $20.00 per 1000.

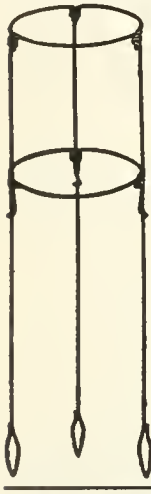
French White Roman Hyacinths, 12 to 15 centim., none better offered. $2.25 per 100; $21.00 per 1000.

Paper White Grandiflora Narcissus, large bulbs (1000 to case) 80c per 100; $7.50 per 1000.

Superfine Single Mixed Tulips, 50c per 100; $4.50 per 1000.

JOHNSON & STOKES, - - 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.



...THE...
Model
EXTENSION CARNATION SUPPORT.
ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. July 27, 1897; May 17, 1898.

Write for prices and circulars.

IGOE BROS.
226 N. 9th St., Brooklyn, N. Y.

Fall Bulbs!
COMPLETE STOCK NOW READY.
Bulb Catalogue on application.

Freesias French Grown, 1st size, 100, 60c.; 1000, $4.50. Mammoth, 100. 85c; 1000, $7.50.

Narcissus Paper White, 100, 80c.; 1000, $7.00. Paper White Grand., 100, $1.00; 1000, $8.25.

Callas They are Fine Bulbs...

1¼-1½-inch	$0.75 doz.	$ 5.00	100
1½-1¾ "	1 00 "	7.00	"
2 -2½ "	1.25 "	9.00	"
Mammoth	1.50 "	12.00	"

W. W. BARNARD & CO.,
161-163 E. Kinzie St., CHICAGO.

Mention The Review when you write.

FANCY or DAGGER FERNS, 75c per 1000. Discount on large orders. Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

Southern Wild Smilax,
Long Needle Pines, Magnolia Leaves, Mistletoe, Holly,
Palm Crowns and Palm Leaves.

Orders filled promptly at lowest prices consistent with choice quality.

JNO. S. COLLINS, - Geneva, Ala.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, October 29.

		Per doz.
Beauties, Specials	$3.00 to	3.50
" Extra	2 00 to	2.50
" No. 1		1.50
" Shorts	.75 to	1.00
Queen of Edgely	1.00 to	3.00
		Per 100
Brides and Maids, Extra		$5.00
" " No. 1		4 00
" " No. 2		2.00
Carnots	2.00 to	6.00
Meteors	2.00 to	4 00
Sunrise		4 00
Golden Gate	2.00 to	6.00
Kaiserins	2.00 to	6.00
Liberty	3.00 to	8.00
Perles	2.00 to	3.00
Ivory	4.00 to	6.00
Cattleyas		40.00
Cypripediums		15.00
Carnations, Commons	.50 to	1.00
" Selects	1.00 to	2.00
" Prosperity		5.00
Adiantum cuneatum		1.00
Dahlias	1.00 to	3.00
Valley	2 00 to	5.00
Asparagus plumosus, Strings	35.00 to	50.00
" Sprays	1.00 to	2.50
Asparagus Sprengeri, Sprays	1.00 to	2.00
Bouvardia	1.50 to	2 00
Callas	10.00 to	12.00
Chrysanthemums, Ordinary	4 00 to	6.00
" Fancy		8 00
Mignonette, Ordinary		1.00
" Fancy		2.00
Smilax	12.50 to	15 00
Violets, Double	.40 to	.60
" Single	.25 to	.30

The market is very much overstocked with all kinds of flowers, and there is no immediate relief in sight. Hard frosts are needed to destroy the outdoor flowers, and cold weather to decrease the quantity of indoor blooms. Chrysanthemums are very plentiful, and dealers say are not selling as well as in former years. Prices have fallen since last week's quotations, with little prospect of improvement before Saturday.

Pittsburg, October 29.

		Per 100
Beauties, Specials	$25.00 to	30 00
" Extra	18.00 to	20.00
" No. 1	$10.00 to	15.00
" Shorts	5.00 to	8.00
Brides and Maids, Specials		6.00
" " Extra		4.00
" " No. 1		2.00
Cusin	2.00 to	5.00
Kaiserins	2.00 to	8.00
Liberty	2.00 to	8.00
Carnations, Commons	1.00 to	1.50
" Selects	1.50 to	2.00
Adiantum cuneatum	.75 to	1 00
Asparagus plumosus, Strings	50.00 to	75.00
Chrysanthemums, Ordinary	4.00 to	6.00
" Fancy	8 00 to	20 00
Valley	2.00 to	4.00
Smilax	8.00 to	15.00
Galax		.13
Common ferns		.20
Leucothoe		1.00

WATERTOWN, ILL.—Trustees of the Hospital for the Insane here have voted to ask the legislature for $2,500 with which to build a new greenhouse.

BATTLE CREEK, MICH.—Henry M. Burt has opened a floral store at 20 W. Main street.

GEORGE M. MOSS,
WHOLESALE FLORIST,
Beauties, Brides, Maids, Carnations, Chrysanthemums, Smilax and Asparagus.
32 S. 17th St., PHILADELPHIA, Pa.
Long Distance Telephone.
Mention The Review when you write.

EDWARD REID,
WHOLESALE FLORIST.
A large Stock of
Roses, Chrysanthemums, Carnations, Valley and other Flowers.
1526 Ranstead St, PHILADELPHIA.
Store closes at 6:30 P. M. Saturday, 1 P. M.
Long Distance Telephone.
Mention The Review when you write.

FRED. EHRET,
WHOLESALE FLORIST,
Specialties: Bridesmaids, Brides and Beauties.
1403-05 Fairmount Ave., Philadelphia.
Long Distance Telephone.
Mention The Review when you write.

Eugene Bernheimer
WHOLESALE FLORIST.
Specialties: American Beauties, Queen of Edgely and Chrysanthemums.
11 South 16th Street.
PHILADELPHIA, PA.
Mention The Review when you write.

WILLIAM J. BAKER,
WHOLESALE FLORIST,
VERY FINE
Smilax, Chrysanthemums, Carnations
1432 South Penn Square, PHILADELPHIA.
Long Distance Telephone.
Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.
WHOLESALE FLORISTS, Pittsburg, Pa.
Mention The Review when you write.

CUT MUMS
IN ANY QUANTITY
from $5.00 to $25.00 per 100.
JOHN WOLF, - SAVANNAH, GA.
Mention The Review when you write.

SCHLOSS BROS.
533 Broadway, NEW YORK.
Headquarters for Florists' RIBBONS and NOVELTIES.
Telephone No. 3872 Spring.
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Charles Millang, 50 W. 29th St. NEW YORK.

LILIES AND VIOLETS "THE LILY KING." All Kinds of Flowers and plenty of them.

We have the stock of some of the best violet growers in the country. OUR SPECIALTIES.

Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it. TELEPHONE NUMBER 2230 MADISON SQUARE.

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ALEX. J. GUTTMAN, Wholesale Florist.

No oetter flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

JAMES McMANUS, Telephone. 759 Madison Square. 50 W. 30th St., NEW YORK

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

HEADQUARTERS FOR NOVELTIES

W. GHORMLEY.

THE VIOLET AND CHRYSANTHEMUM HOUSE OF AMERICA.

ALL VARIETIES OF CUT FLOWERS SOLD ADVANTAGEOUSLY FOR CONSIGNORS.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICE.

WHOLESALE COMMISSION.

Telephones {2200 2201} Madison Square. 57 West 28th Street, NEW YORK.

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THE PIONEER HOUSE of the Cut Flower Commission Business. Open every day at 6 a. m. Always "on deck." Your business interests never neglected.

J. K. ALLEN

WHOLESALE FLORIST.

106 W. 28th Street. Tel. No. 168 Madison Sq. NEW YORK CITY

We ship all over the U. S. Out-of-town florists telegraph your needs. Consignments of first-class flowers always realize with us the best market prices.

If years of great success and reputation for stability.
Are proof of first class goods and true reliability.
Then why the shadowa follow, why seek elsewhere what you need?
We may not do all the business, but you well know that we lead.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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GEO. SALTFORD,

Author of "HOW TO MAKE MONEY GROWING VIOLETS."

WHOLESALE FLORIST,

46 West 29th Street, NEW YORK CITY.

Telephone No. 3393 Madison Sq.

CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

VIOLETS our specialty.

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The New York Cut Flower Co.

55 and 57 West 26th Street,

WHOLESALE FLORISTS.

Daily Reports. Weekly Payments.

Tel. 2239 Madison Sq. 2034 Madison Sq. J. A. MILLANG, Manager.

Mention The Review when you write.

Always Mention the.... Florists' Review When Writing Advertiser

Wholesale Cut Flower Prices.

New York, October 29.

		Per 100	
Beauties, Specials		$10.00 to	$20.00
"	Fancies	8.00 to	12.00
"	Extras	6.00 to	10.00
"	No. 1	4.00 to	6.00
"	No. 2	1.00 to	3.00
Queen of Edgely,	Specials	10.00 to	20.00
" "	Fancies	8.00 to	12.00
" "	Extras	6.00 to	10.00
" "	No. 1	1.00 to	4.00
Brides and Maids,	Specials	4.00 to	6.00
" "	Extra	2.00 to	3.00
" "	No. 1	1.50 to	2.00
" "	No. 2	.50 to	1.00
Carnot		2.00 to	10.00
Cusin		1.00 to	4.00
Kaiserin		4.00 to	8.00
Golden Gates		1.00 to	5.00
Liberty		2.00 to	8.00
Meteors		1.00 to	5.00
Perles		1.00 to	3.00
Cattleyas		15.00 to	25.00
Cypripediums		10.00 to	12.00
Dendrobium formosum		15.00 to	25.00
Carnations,	Commons	.25 to	.50
"	Selects, white	.50 to	1.00
"	" pink	.50 to	1.00
"	" red	.50 to	1.00
"	Fancies	1.00 to	2.00
"	Novelties	2.00 to	4.00
Adiantum	cuneatum		.50
"	Bardii		1.25
"	Farleyense		6.00
Asparagus plumosus, Strings		25.00 to	35.00
Plumosus Sprays, $2.00 a doz. bunches.			
Sprengeri Sprays, 2.00 "			
Chrysanthemums,	Ordinary	2.00 to	4.00
" "	Fancy	8.00 to	20.00
Harrisii lilies		8.00 to	10.00
Valley		1.50 to	2.50
Violets,	Ordinary	.25 to	.50
"	Extra	.50 to	.75
"	Specials	.75 to	1.00
Smilax,	First Grade	10.00 to	12.00
"	Second Grade	6.00 to	10.00
Mignonette,	Ordinary		3.00
Dahlias		1.00 to	3.00
Galax, per 1000, $1.00.			

A glance at the above prices tells the story of about the worst week known in the wholesale cut flower business in this city. It seemed last week as though the bottom had been reached, but the closing days disclosed the fact that there was really no bottom.

And so far this week the improvement requires a magnifying glass to find it. A few "specials" among the Beauties and mums command a 25-cent value, but it would not take long to count the total. Violets are the only flowers that hold their own; in fact, a few extras sold at $1.00 Saturday, but it was scarcity rather than value that caused the upturn.

The flood of chrysanthemums continues. It was an avalanche on Saturday. Even orchids are uncalled for. With the opening of the great exhibition and the anticipated cooler weather, it is possible next week may show an improvement. J. A. S.

JOHN YOUNG

Special American Beauties, Surpassing Carnations, Lily of the Valley, Orchids and all seasonable flowers.

51 W. 28th St., NEW YORK.

Tel. 1905 Madison Sq.

Mention The Review when you write.

YOUNG & NUGENT,

42 West 28th Street, Telephone 2065 Madison Sq. NEW YORK,

Are supplying the most superb stock of Seasonable Flowers ever offered to New York buyers. Meteor, Liberty, Beauty, Bride and Maid Roses. Splendid Cattleyas.

Send for quotations.

Mention The Review when you write.

BONNOT BROS.

WHOLESALE FLORISTS,

55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.

OPEN ALL DAY!

AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.

Telephone No. 2438 Madison Sq.

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Established 1891.

GEO. E. BRADSHAW. JOHN R. HARTMAN.

BRADSHAW & HARTMAN, Wholesale Florists,

53 West 28th Street. Telephone 1239 Madison Square. NEW YORK.

Consignments Solicited.

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FRANK MILLANG

Open from 6 a. m. to 5 p. m.

Cut Flower Exchange, 55-57 W. 26th St.

Phone 299 Madison Square. NEW YORK.

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Always mention the Florists' Review when writing advertisers.

A. J. FELLOURIS,

Wholesale and Retail Dealer in all kinds of

EVERGREENS.

GALAX, Bronze, $1.25 per 1000.
Green, 1.00 "

FERNS, Fancy, 1.50 per 1000.
Dagger, 75c "

468 Sixth Avenue, NEW YORK,

Between 28th and 29th Streets.

Telephone 1431 Madison Square.

Mention The Review when you write.

G. McNEICE,

Wholesale NOVELTY Florist.
(ALSO CUT FLOWER CO.)

42 West 27th St., New York City.

TELEPHONE No 1914A MADISON.

If you want any Novelty in Horticulture, write us. Our Specialties: ORANGE BLOSSOMS and CAMELLIAS.

If you have any novelties, write us. We pay cash for them.

Daisies, Cowslips, Jasmine, White Violets, Acacia, Wall Flowers, Camellias (variegated shades) &c.

Mention The Review when you write.

Established 1872.

JOHN J. PERKINS,

WHOLESALE AND COMMISSION FLORIST,

115 W. 30th St., NEW YORK.

Telephone No. 956 Madison Sq.

WANTED a few more reliable growers of Carnations and VIOLETS.

Only first-class stock handled.

WALTER F. SHERIDAN,

Wholesale Commission Dealer in

CUT FLOWERS

39 West 28th St., NEW YORK.

Receiving Extra Quality American Beauties and all other varieties of Roses.

Telephone 962 Madison Square. Carnations.

HICKS & CRAWBUCK,

Wholesale Florists,

45 West 29th Street, NEW YORK CITY.
Tel. 2798 Madison Square.

108 Livingston Street, BROOKLYN, N. Y.
Tel. 3660-3661 Main.

The only firm having wholesale establishments in both cities.

B. S. SLINN, Jr.

WHOLESALE FLORIST.

New York Cut Flower Co., NEW YORK.
55 and 57 West 26th Street,

Telephone 2239 Madison Sq.

Violets and Swainsona our Specialties.

Mention The Review when you write.

AUGUST MILLANG,

Wholesale Florist,

55 WEST 26th ST., Ground Floor, Coogan Building, New York City.

Convenient for our customers.

The best location in the city.

Mention The Review when you write.

....FERNS....

Nephrolepis Cordata Compacta. Strong 2½ inch pots, $2.50 per 100. 500 for $10.00.

CASH WITH ORDER.

HENRY ERNST & SON, Washington, Mo.

Mention The Review when you write.

SPECIAL
Fancy Beauties
AND
EXHIBITION MUMS.

Heard among Chicago Flower buyers: "For all around good clean stock Poehlmann Bros. Company hold the lead." No wind either.

Prices and quality always right. We desire a few more good regular customers. Convince yourself of the quality of our stock by sending a trial order.

In Beauties, Teas, Carnations and Mums we are especially strong. Buy now, when stock is plentiful and you will be taken care of when stock is scarce. Flowers for funeral work at lowest market prices.

POEHLMANN BROS. COMPANY,

35-37 Randolph St., CHICAGO.
CITY PHONE 3573 CENTRAL.

Greenhouses: Morton Grove, near Chicago. Long Distance Phone 201.

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WELCH BROS., 15 Province Street, BOSTON.

Agents for NEW AND IMPROVED Corrugated Cut Flower Boxes.

All kinds of FLORISTS' SUPPLIES. We Manufacture WIRE DESIGNS, all sizes. CEFREY FLORISTS' LETTERS. Send for Price List.

Also HARDY FERNS, GALAX LEAVES, PINE AND LAUREL WREATHING.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, October 29.

	Per 100
Beauties, Specials	$30 00
" Extra	20.00
" No. 1	15.00
" Shorts	6.00 to 10.00
Queen of Edgely, same as Beauties.	
Brides and Maids, Specials	10.00
" " Extra	8 00
" " No. 1	4 00 to 6.00
" " No. 2	1 00 to 3.00
Carnots	2.00 to 8.00
Golden Gates	2.00 to 6.00
Kaiserins	2.00 to 10.00
Liberty	2 00 to 10.00
Meteors	2 00 to 10.00
Morgans	2.00 to 6.00
Carnations, Commons	1.00
" Selects	2.00
" Fancies	3.00 to 6.00
Callas	10.00
Longiflorum lilies	10.00
Valley	3.00 to 5.00
Smilax	10.00 to 12 50
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	1 00 to 2.00
" Sprengeri, Sprays	1.00 to 2.00
Violets	.50 to 1.00
Galax	.15
Common Ferns	.10
Mignonette	1.00
Chrysanthemums, Ordinary	3 00 to 6.00
" Fancy	8 00 to 20.00

Baltimore, October 29.

	Per 100
Beauties, No. 1	$12.00 to $16 00
" Shorts	5.00 to 10.00
Brides and Maids	3 00 to 5.00
Kaiserins	3 00 to 5 00
Liberty	3 00 to 5.00
Meteors	2.00 to 4 00
Perles	2.00 to 4.00
Carnations, Commons	.60 to .75
" Selects	1.00 to 1 50
Chrysanthemums, Ordinary	2.50 to 6.00
" Fancy	8.00 to 20.00
Adiantum cuneatum	1.00
Asparagus plumosus, strings	25 00 to 75.00
Callas	8.00 to 10.00
Smilax	8.00 to 20.00
Valley	3.00 to 4.00
Mignonette, Ordinary	1.00

HARDY CUT DAGGER and FANCY FERNS.
A-No. 1 quality, $1.00 a 1000.

Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.

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Ferns, Galax Leaves and Leucothoe Sprays

OUR SPECIALTIES.

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Manufacturer of

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10,000....$1.50; 50,000....$6.25

3000 6-Inch Wired Flag Sticks, $1.20

Samples free. For sale by dealers.

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New York Office

of the

FLORISTS' REVIEW

2688 BROADWAY.

J. AUSTIN SHAW, Manager

SEND ADVS. NOW for our SPECIAL

Thanksgiving Number....

to be issued November 13.

Wholesale Cut Flower Prices.

Chicago, October 29.

	Per doz.
Beauties, 36 to 40-inch stems	$ 3.00 to 4.00
" 30-inch stems	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.25
" 12 "	1.00
" 8 to 10-inch stems	.75
" Shorts	.50
	Per 100.
Bridesmaids, Specials	5.00 to 6.00
" Firsts	4.00
" Seconds	3.00
" Culls	1.00 to 2.00
Brides, Specials	5.00 to 6.00
" Firsts	4.00
" Seconds	3.00
" Culls	1.00 to 2.00
Perles, Firsts	4.00
" Seconds	2.00 to 3.00
Liberty, Specials	10.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Golden Gate, Firsts	5.00
" Seconds	3.00 to 4.00
Meteor, Firsts	3.00 to 5.00
" Seconds	2.00
La France	8.00 to 10.00
Mme. Chatenay, Firsts	8.00
" Seconds	4.00 to 6.00
Sunrise	4.00 to 6.00
Ivory, Firsts	10.00
" Seconds	4.00 to 6.00
Carnations, Selects	2.50 to 3.00
" Commons	1.50 to 2.00
" Culls	.75 to 1.00
Valley	3.00 to 5.00
Roman hyacinths	4.00
Violets	.50 to 1.00
Harrisii lilies	12.00 to 16.00
Chrysanthemums, Fancy	16.00 to 20.00
" Ordinary	5.00 to 12.00
Smilax	8.00 to 12.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" " Sprays	1.00 to 2.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

Cooler weather arrived last Sunday and has prevailed since. A slight decrease in the cut is already noted, and the general feeling is that prices will harden materially before the week is out if present weather conditions continue. Though there is practically no change in quotations, rates are better held on the best grades, the extra select Brides and Maids reaching $6.00. The receipts of seconds and culls continue large and prices on them are still weak.

It is the same as regards carnations. There are very few that can be called fancy, the selects are in fair supply and there is a big surplus of culls, of which the colored sorts are the slowest sale.

The chrysanthemum procession is lengthening and widening. The flowers must be very select to reach $2.50 a dozen, though we hear of sales of some fine Appletons at $3.00. Very fine flowers can be had for $2.00, and good ones at $1.00 to $1.50. Small flowers can be had at very low rates. Bergmans, Kalb, Monrovia, Willowbrook, Pacific and Sunshine have been cut out. The varieties now predominating are Robinson, Whilldin, Ivory, Pink Ivory, Morel, Appleton, Pennsylvania, Bassett, Hurrell, Eaton, Perrin, Wanamaker, Mayflower (both white and yellow), White Queen, Lady Hanham and Childs.

All Saints' Day brought a good many orders from southern points. The opening of the horse show this week is expected to help demand somewhat, and the opening of the flower show is looked forward to as an event that will probably mark the opening of the social season in a way that will be felt by the trade.

JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
51 Wabash Avenue, - - CHICAGO.
GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598
Mention The Review when you write.

Primroses...
IMPROVED CHINESE. Finest large-flowering fringed varieties grown. Single and double, ready for 3-inch pots, $2.00 per 100.
Cash. Extras added liberally.
JOHN F. RUPP, - - SHIREMANSTOWN, PA.
The Home of Primroses.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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Valley. Valley. Valley.
GET BRUN'S CELEBRATED VALLEY for the show and you will have the best.
Large quantities always on hand at Chicago Market Prices.
Finest Cold Storage Pips, $15.00 per 1000: $1.50 per 100.
H. N. BRUNS, 1409 West Madison Street, CHICAGO.
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WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
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Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
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Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given
Mention The Review when you write.

FRANK GARLAND,
Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
Mention The Review when you write.

BENTHEY & CO.
35 Randolph Street, CHICAGO.
F. F. BENTHEY, Manager. Wholesale and Commission FLORISTS
Consignments Solicited.
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Are you a Buyer of Cut Flowers, Bulbs, Seeds or Supplies?
Are you a Grower of Cut Flowers, Bulbs, Seeds or Novelties?

IF YOU ARE, COMMUNICATE WITH

McKELLAR & WINTERSON

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Mention The Review when you write.

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

Let us figure with you for fancy Ferns the year round. Everything in season.
26 MIAMI AVENUE, Detroit, Mich.

Headquarters for Michigan's Famous MT. CLEMENS VIOLETS.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, October 29.

	Per doz.
Beauties, Specials	$2.00 to $2.50
" Extra	1.50 to 2.00
" No. 1	1.00 to 1.50
" Shorts	.50 to .75
	Per 100
Brides and Maids, Specials	$3.00 to $4.00
" " Extra	2.50 to 3.00
" " No. 1	1.50 to 2.00
" " No. 2	.75 to 1.00
Carnots	2.00 to 3.00
Golden Gates	2.00 to 4.00
Kaiserin	2.00 to 4.00
Liberty	3.00 to 4.00
Meteor	2.00 to 3.00
Perle	2.00 to 3.00
Sunrise	2.00 to 3.00
Carnations, Common	.50 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 3.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" Sprays	1.50
" Sprengeri, Sprays	1.50
Chrysanthemums, ordinary	.50 to 5.00
" fancy	10.00 to 12.50
Valley	2.00 to 3.00
Smilax	12.50 to 15.00
Tuberoses	2.00 to 3.00
Violets	.25 to .35
Galax	.15
Common Ferns	.15

The market has been glutted with all kinds of choice stock the past week, which sold very cheap in big lots. The wholesalers claim that the call for chrysanthemums just now is the cause of this glut in other flowers, and the chances are that these cheap prices will prevail for some time. The fine warm weather is also a cause for the retail trade being somewhat slow with over-the-counter trade. Fakira are again on the downtown street corners with piles of extra fine violets, carnations and long-stemmed Beauties, which are peddled out at very cheap prices.

The Cincinnati Cut Flower Co.,

437-439 Main St., CINCINNATI, O. Wholesale Florists.

Consignments Solicited.
Special Attention given to Shipping Orders.

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Always mention the Florists' Review when writing advertisers.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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H. G. Berning

WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

Mention The Review when you write.

The Finest Cut VALLEY

No better to be had, at $5.00 per 100.
Medium grades also.

AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Detroit, October 29.

	Per 100
Beauties, Specials	$30.00
" Extra	25.00
" No. 1	15.00 to 20.00
" Shorts	5.00
Brides and Maids, Specials	5.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gates	2.00 to 5.00
Kaiserins	2.00 to 8.00
Meteors	2.00 to 6.00
Perles	2.00 to 6.00
Carnations, Commons	1.00
" Selects	2.00 to 3.00
Adiantum cuneatum	1.00 to 1.50
Asparagus plumosus, Strings	50.00 to 75.00
Asparagus Sprengeri, Sprays	1.00 to 2.00
Chrysanthemums, Ordinary	4.00 to 8.00
" Fancy	10.00 to 18.00
Harrisii lilies	10.00 to 20.00
Valley	4.00 to 5.00
Smilax	12.50 to 15.00
Violets, Double	.60 to 1.00

Galax, per 1000, $1.00.
Common ferns, per 1000, $1.00.

The market has come to a standstill and prices are much lower this week. Bright weather has made receipts exceed demand, and the mums are coming in heavily. Stock has much improved in quality. Roses have good stiff stems and excellent color. Carnations are up to standard with good stiff stems. No complaints are coming from the retailers. Chrysanthemums are very fine and varieties and colors numerous. Violets are fine and are being picked up right along. Wild smilax selling fast. DILGER.

Cincinnati, October 29.

	Per 100
Beauties, Extra	$15.00 to $20.00
" No. 1	8.00 to 10.00
" Shorts	3.00 to 5.00
Brides and Maids, Extra	3.00 to 4.00
" " No. 1	2.00
" " No. 2	1.00
Golden Gates	2.00 to 4.00
Liberty	2.00 to 4.00
Carnations, Commons	.50 to 1.50
" Fancies	2.00 to 3.00
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus	35.00 to 50.00
Asparagus Sprengeri	25.00 to 30.00
Valley	4.00
Chrysanthemums, Ordinary	4.00 to 8.00
" Fancy	12.50 to 25.00
Violets, Ordinary	.35 to .75
Smilax	12.50 to 15.00
Galax, per 1000, $1.00	.15
Leucothoe	.50
Common Ferns	.15

THIS SPACE BELONGS TO FRANK M. ELLIS, WHOLESALE FLORIST, 1316 Pine Street, ST. LOUIS.

WATCH IT EACH WEEK, IT WILL INTEREST YOU.

We are headquarters for CHRYSANTHEMUMS, AMERICAN BEAUTIES, BRIDES, MAIDS, METEORS, CARNOTS, GATES and PERLES, CARNATIONS, VALLEY and CALIFORNIA VIOLETS.

CONSIGNMENTS SOLICITED OF FIRST-CLASS STOCK ONLY.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, in variety, 2¼-in., $2.50 100.
R. Vincent, Jr., & Son, White Marsh, Md.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALYSSUM.

Giant and dwarf dbl. alyssum, 2¼-in., $2.00 100. R. Vincent, Jr., & Son, White Marsh, Md.

ARAUCARIAS.

We control the American market. Our houses are full of them.
5-in. pots, 3 tiers, 10 in. high..... 50c
5½-in pots, 3 tiers, 10 to 12-in. high, 60c to 75c
6-in. pots, 4 tiers, 15 to 18-in. high, 75c to $1.00
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

Araucaria excelsa, A. excelsa glauca and A. robusta compacta in all sizes. Fine plants, low price. Bobbink & Atkins, Rutherford, N. J.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
Julius Roehrs, Rutherford, N. J.

ASPARAGUS.

Asparagus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100.
NATHAN SMITH & SON, Adrian, Mich.

ASPARAGUS SPRENGERI, strong plants from flats, $1.00 per 100, $7.50 per 1,000, $25.00 for 5,000. Cash.
PHILIPPI BROS., Citrus Nurseries, Rocklin, Placer Co., Cal.

Asparagus Sprengeri, very strong, 2-year-old, 4-in., $7.50 100; 5-in., $12.50 100. Cash with order, please. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

1,000 Asparagus Sprengeri, 2¼-in. $1.50 per 100. 500 Asparagus plumosus, 2¼-in., good, $5.00 per 100. Cash with order, please.
Jay Lingenfelter, Akin, N. Y.

Asparagus plumosus out of 3-in. pots, ready for 4-in., strong and healthy, $6.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Asparagus Sprengeri, nice 2½-in. stock, $2.50 per 100, $20.00 per 1000.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Asparagus plumosus, 3-in., 5c; 5-in., 25c. Fine plants in fine condition.
Crown Point Floral Co., Crown Point, Ind.

Field-grown Asparagus Sprengeri, at $3.00, $5.00 and $7.00 per 100.
C. WINTERICH, Defiance, Ohio.

Asparagus, Sprengeri, fine 2½-in., $2.00 100; 2-in., $1.25 100.
Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

ASPARAGUS PLUMOSUS, 2¼-in., strong, $3.00 100. Cash.
JOS. H. CUNNINGHAM, Delaware, O.

A. plumosus, strong 3-in., ready to shift, $5.00 100. Van Wert Greenhouses, Van Wert, O.

Asparagus plumosus, strong and bushy, 3-in., $5.00 100. W. C. Beckert, Allegheny, Pa.

A. Sprengeri, 1,000 3-in., $2.00 100; $18.00 1,000. Gulf Coast Nurseries, Dickinson, Tex.

2000 Asparagus plumosus, 2x2½-in., nice, bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus plumosus, 2-in., $3.00 100, $25.00 1000. Livingston Seed Co., Columbus, O.

Asparagus Sprengeri, 3-in., nice plants, $4.50 100. J. B. Heiss, Dayton, O.

Asparagus Sprengeri, 4-in., $5.00 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Asparagus Sprengeri and plumosus. Write.
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, 4-in., $15.00 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus tenuissimus, 3½-in. pots, $3.50.
C. M. NIUFFER, Springfield, O.

Asparagus plumosus, 2½-in., $4.00 100.
H. STEINMETZ, Raleigh, N. C.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra, 4-in. pots, 6c per leaf. Cash with order. Chas. P. Gulick, Kingston, N. J.

AZALEAS.

DREER'S AZALEAS—Finest varieties, best values. For sizes, prices, etc., see displayed adv. in this issue.
H. A. DREER, Philadelphia, Pa.

Azalea indica, leading varieties, now ready.
F. W. O. Schmitz, Prince Bay, N. Y.

BAY TREES.

Box Trees. Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Bay Trees and Boxwood in standards and pyramids. Bobbink & Atkins, Rutherford, N. J.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Mrs. Shepherd's TREE BEGONIA, assorted 2½-in. pots, strong, $2.00 doz., delivered. MAJORIE DAW, fine winter bloomer, 2½-in. pots, $1.60 doz., delivered. Other varieties in great variety. Send for catalogue and trade lists.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

Benogias. Rubra, Pres. Carnot, argenteo-guttata, metallica, 2½-in. pots, $2.50.
Manicata, 3-in. pots, very fine, $5.00.
C. M. NIUFFER, Springfield, O.

Begonia incarnata, the most useful begonia for winter-flowering, 3-in., $8 100.
N. SMITH & SON, Adrian, Mich.

BERRIED PLANTS.

Jerusalem cherries, well-berried plants, for 5-in. pots, $15.00 per 100.
A. SCHMITT, Glenville, Ohio.

BULBS.

FRENCH AND DUTCH BULBS.

Single named Dutch hyacinths, $3.50 100; $30.00 1,000. Comprising 40 standard varieties of exceptional quality, large size and true to name and color.

Selected single Dutch hyacinths, 13 to 15 cms., separate colors, large bulbs, $2.50 100; $22.00 1,000.

Single Dutch hyacinths, separate colors, 13 to 15 cms., $2.25 100; $20.00 1,000.

French white Roman hyacinths, 12 to 15 cms., none better offered, $2.25 100; $21.00 1,000.

Paper white grandiflora narcissus, large bulbs (1,000 to case) 80c 100; $7.50 1,000.

Superfine single mixed tulips, 50c 100; $4.50 1,000.
JOHNSON & STOKES,
217 and 219 Market St., Philadelphia, Pa.

We offer as long as unsold, for cash with order, selected late-dug bulbs as follows:

	Per Case.
6 to 7 inch, 350 to case	$14.00
7 to 9 inch, 200 to case	16.00
9 to 11 inch, 100 to case	16.00

The bulbs are in first-class shape and from one of the best growers in Bermuda.
F. R. PIERSON CO., Tarrytown, N. Y.

GLADIOLI, finest mixed, $1.50 to $4.00 per 1,000. ISMENE CALATHINUM, $3.00 to $5.00 per 100. Double TIGER LILY, $2.25 per 100. OXALIS, 5 fine varieties, named, 50 to 60c per 1,000; mixed, $30.00 per 100,000. SPOTTED CALLA, strong, $2.00 per 100. MADEIRA VINE, $5.00 to $10.00 per 1,000. List free. E. Y. TEAS, Centerville, Ind.

Forcing Tulips.

Cottage Maid	$ 9.00 per 1,000
Yellow Prince	9.50 per 1,000
Keizerskroon	10.00 per 1,000
Tournesol	12.00 per 1,000

Red and Yellow (Double).
D. LANDRETH & SONS,
1217 Market St., Philadelphia, Pa.

Dutch, French, Chinese and Japanese bulbs, callas, and freesias now ready. Send for special bulb list.
BOBBINK & ATKINS, Rutherford, N. J.

BULB BARGAINS.

HYACINTHS.

	100.	1000.
French Roman White, 11x12	$1.60	$15.00
" " " 12x13	1.75	16.00
" " " 11x15	1.85	17.00
" " " 12x15	2.00	19.00
" " blue or rose, 12x15	2.00	18.00
Italian White (red skins), 14x18	2.25	20.00

NARCISSUS.

Paper White Grandiflora, mammoth	.80	7.50
" " " 13 ctm. up	.75	6.75
Trumpet Major, French earliest forcer	.90	8.00
Van Sion, extra double-nosed	1.80	17.00
Van Sion, extra large, many two flowered	1.60	15.00
Princeps, great forcer	.80	7.00
Golden Spur, large bulbs	1.75	16.00
Mixed Single Trumpets	.75	6.00
Mixed Single or Double Narcissus	.75	6.00
Jonquil Rugilobus, large bulb	.60	5.00

TULIPS.

We mention only a few sorts.

Belle Alliance	1.20	11.00
Keizerskroon	.90	8.75
Pottebakker, scarlet	1.00	9.00
Duc van Thol, scarlet	.90	8.00
La Reine	1.75	6.50
Single mixed Superfine	.60	5.00
La Candeur	.80	7.50
Imperator Rubrorum	1.75	16.00
Mixed double choicest	.75	6.00

CALLAS.

Ethiopica, sound center shoots, 4x6-inch circumf	4.50	40.00
Ethiopica, sound center shoots, 5x7-inch circumf	6.25	60.00
Allium Neapolitanum	.40	3.50
Gladioli Colvillei Alba, fine forcer	.50	4.00

LILIES.

Lil. Candidum, 2d size, fine plump bulbs	3.50	30.00
Lil. Longiflorum, Japan grown, 7x9	3.75	35.00
" " " 9x10	5.75	55.00
" " " 10x11	8.00	

Longiflorum Multiflorum 20 per cent to 25 per cent advance.
H. H. BERGER & CO., 47 Barclay St., N. Y.

Send for our FALL BULB CATALOGUE and see the SPECIAL OFFERS we are making on TWO MILLION surplus bulbs, consisting of LILIUM HARRISII, LILIUM LONGIFLORUM, HYACINTHS, French and Dutch; TULIPS, NARCISSUS, CALLAS, FREESIAS, etc.
CLUCAS & BODDINGTON CO., 812-814 Greenwich St., New York.

Gladiolus. Choice mixture of light shades and pinks and of Lemoinei and Childsi of all sized bulbs and any amount from one to fifty thousand. Cannas, Golden Glow, Iris Kaempferi. Choice varieties of Dahlias, all strong roots. Write for prices. Riverdale Farm.
J. B. Bridge, Supt., Grand Rapids, Wis.

Lilium Harrisii, 7 to 9, $80.00 1,000; Roman hyacinths, 12 to 15 cms., $22.00 1,000. Narcissus paper white grand. 13 cms. and up, mammoth bulbs, $8.00 1,000. The above have just arrived and prices are for immediate orders. All Dutch and Japan bulbs now on hand.
F. W. O. SCHMITZ, Prince Bay, N. Y.

HYACINTHS. 50,000 first size, red, white and blue, $2.50 a 100; $24.00 a 1,000. Fine bulb, strictly true to color.
HENRY F. MICHELL,
1018 Market St., Philadelphia, Pa.

Send for special low prices on DUTCH HYACINTHS for forcing or bedding, and LILIUM LONGIFLORUM.
J. M. Thorburn & Co., 36 Cortlandt St., New York.

WHY PAY MORE? See my special of bulbs, for SPOT CASH, in this issue. Send for my catalogue.
C. H. JOOSTEN, 178 Greenwich St., N. Y.

FALL BULBS. Complete stock now ready. Bulb catalogue on application.
W. W. BARNARD & CO., 161 Klozie St., Chicago.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
JAMES VICK'S SONS, Rochester, N. Y.

No. 2 Excelsior Pearl tuberoses, 3 to 4 inches in circumference, and Caladium esculentum bulbs.
Z. J. Carter & Son, Wallace, N. C.

Ex. Pearl tuberose and Caladium esc. bulbs.
Jno. F. Croom & Bro., Magnolia, N. C.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

CANNAS.

Cannas. Chas. Henderson, Fl. Vaughan, Queen Charlotte and other good varieties; field clumps or divided to two or three eyes.
Jos. Dunn, Orr's Mills, N. Y.

CANNAS.

3000 Pres. McKinley.	2000 Chicago.
1000 A. Bouvier.	500 Chas. Henderson.
500 Duke of Marlborough.	500 Gov. Roosevelt.
	500 Flamingo.
500 Cuba.	1000 Defender.
500 St. George Hillaire.	1000 Yellow Crozy.
1000 Fl. Vaughan.	500 Allemania.
500 Kronos.	500 Admiral Dewey.
1000 Mlle. Berat.	200 Kate Gray.
1000 Alba Rosea.	

At $12.00 per 1000, or the whole lot to one party at $10.00 per 1000.
C. G. NANZ, Owensboro, Ky.

Strong field-grown clumps of Duke of Marlborough, Florence Vaughan, Pres. Cleveland, Henderson, A. Bouvier, Robt. Christie, Queen Charlotte, Sophie Buchner, Austria, $15.00 100. Egandale, Antoine Crozy, Trelease, Pres. Carnot, Chicago, Beaute Poitevine, Martha Washington, $25.00 100. Save express charges by ordering at once by freight.
STORRS & HARRISON CO., Painesville, O.

Cannas, fall delivery. Italia, Austria, A. Bouvier, Alsace, Burbank, $1.50 100; $12.00 1,000. Sample bulbs, prepaid, 25c. Write us.
MANGELSDORF BROS CO., Atchison, Kan.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

CAREX

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

FIELD-GROWN CARNATIONS.

	1st size.	2d size.
2000 Norway	$8.00 100	$6.00 100
1000 Flora Hill	6.00 100	5.00 100
1500 Mermaid	6.00 100	5.00 100
500 Egypt	5.00 100	4.00 100
500 Maceo	5.00 100	4.00 100
300 Gov. Roosevelt		5.00 100
200 Lorna		6.00 100
300 Queen Louise		6.00 100

W. E. HALL, Clyde, Ohio.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1,000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

FIELD-GROWN CARNATIONS, strong, healthy plants. Per 100:

	No. 1	No. 2
1000 Russell	$5.00	$3.00
800 Gomez	4.00	
200 America	4.00	

Cash with order from unknown parties. Packed to carry safely by express.
CHAS. BLACK, Hightstown, N. J.

EXTRA FINE, FIELD-GROWN PLANTS.

	100		100
Prosperity	$8.00	Wm. Scott	$5.00
Mrs. Joost	6.00	Hill	5.00
E. Crocker	5.00	Cartledge	4.00
300 Maceo	7.00	McGowan	4.00
1000 Fisher	4.00	1500 Norway	7.00

LEO NIESSEN, 13th and Filbert Sts., Philadelphia, Pa.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$7.00	$60.00	Lord	$5.00	$40.00
Marquis	6.00	50.00	Melba	5.00	40.00
Scott	4.00	30.00	M'Richm'd	5.00	40.00
McGowan	4.00	35.00			

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

MURPHY'S WHITE, the commercial white carnation, will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1,000.
WM. MURPHY, 130 East Third st., Cincinnati, O.

FIELD GROWN CARNATIONS.

3000 Daybreak.	500 Portia.
2000 Marquis.	450 Scott.
2500 Crocker.	500 Lord.

1600 dark pink (a sport from Scott).
Fine strong plants. $40.00 per 1000.
W. F. KASTING, Buffalo, N. Y.

FIELD-GROWN CARNATIONS.

$4.00 per 100.	$35.00 per 1000.
4000 Lord	2000 Norway,
2000 Egypt,	200 Triumph,
250 Peru.	

GRAND RAPIDS VIOLET CO., Grand Rapids, Mich.

SPECIAL OFFER to close out stock—CROCKER and MARQUIS, $4.00 100. We also have a limited number of Scott, Daybreak, Eldorado and Jubilee. Let us know your wants and we will make you prices.
Union St. Greenhouse Co., Geneva, N. Y.

Reduced price on field-grown carnations. Triumph, Morning Glory, Joost, Marquis, Prosperity and Lord, $5.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

LILLIAN POND, the largest and best white—it's a money-maker for all of you. Delivery commences Jan. 1, 1903. Prices: 12 $1.50, 25 $3.00, 50 $5.00, 100 $10.00, 250 $23.00, 500 $37.50, 1000 $75.00.
S. J. REUTER, Westerly, R. I.

Field-grown carnation plants. Maceo, Gomez, Flora Hill, Joost, Progress, Genevieve Lord and Marquis, $5.00 per 100; $40.00 per 1000. Samples by mail, 10 cents.
The Albert H. Erowo Co., Westboro, Mass.

Rooted carnation cuttings ready Dec. 1. Satisfaction guaranteed and express charges prepaid. See displayed adv. in this issue for varieties and prices.
CALIFORNIA CARNATION CO., Loomis, Cal.

Strong, healthy, field plants grown on high land. McGowan 3c, Crane, Crocker, Joost, Portia, Scott, Eldorado, Daybreak and Victor, 4c; Norway, 5c. J. J. Styer, Concordville, Pa.

Carnations. 125 White Cloud and 175 Daybreak, the lot for $10.00 cash. They are large plants, in fine condition and are a bargain at the price. S. J. Galloway, Eaton, O.

Field-grown plants.	100.	1,000.
Norway, extra fine	$7.00	$60.00
Genevieve Lord	6.00	50.00

H. WEBER & SONS, Oakland, Md.

FIELD-GROWN CARNATION PLANTS.
Prosperity, Marquis, Evanston and Joost at $3.00 per 100; $25.00 per 1000.
GEO. REINBERG, 51 Wabash Ave., Chicago.

Field-grown carnations. 500 Joost, 200 Scott and 50 each of G. Lord, Triumph and Duhme at $3.00 100. Be quick.
Paul Stark, Liberty, Mo.

500 extra fine Scotts, field-grown, protected in frames from frost. 12-15 shoots, $4.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

A carnation BARGAIN. Crocker, Scott, Daybreak, Prosperity, $3.00 100, $25.00 1000. First-class stock. S. T. Danley, Macomb, Ill.

Strong field-grown Joost, $3.00 100, $25.00 1000. Cash. Dann & Son, Westfield, N. Y.

5,000 McGowan at $25.00 per 1000.
Alfred H. Walker, Hollis, Queens P. O., N. Y.

Carnations. Send to us for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Send for descriptive price list.
F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUM STOCK PLANTS. White and Yellow Fitzwygram; White, Yellow and Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wanamaker, Sunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Perrin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100. Stock will be shipped as soon as cut down.
POEHLMANN BROS. CO., Morton Grove, Ill.

Stock chrysanthemum plants, strong and healthy, full of young growth, of the following varieties: Fitzwygram, white and pink Glory of Pacific, Moorovia and Robt. Halliday, two best early yellows; Kalb, Willowbrook, Bergmann, J. K. Shaw, October Sunhine, Fee du Champsaur, Ivory, Bonnaffon, Col. Appleton, Timothy Eaton, Holst, Evangeline, Viviand-Morel, Chas. Davis, Mongolian Prince, Intensity, H. A. Parr, Mrs. Perrin and E. D. Smith, 10c each. $1.00 per doz., Wallerao 20c each. Cash.
GUNNAR TEILMANN, Marion, Ind.

Strong stock chrysanthemum plants, Appleton, Premo and Lady Harriett, $8.00 per 100. Robinson, Daskov and Pacific, $6.00 per 100. Cash.
JOHN H. VESEY,
201 No. Denver Ave., Kansas City, Mo.

Chrysanthemum stock plants. Robinson, Queen, Golden Gate, Philadelphia, Blackhawk and other leading varieties; fine plants; $6.00 $100; 75c dozen.
MAX SCHREIBER, Box 570, McDonald, Pa.

Stock chrysanthemum plants. White and yellow Fitzwygram, Ivory, Dalskov, white and yellow Jones, Bergmann, Robinson, Primo, etc., $8.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

POT-GROWN CHRYSANTHEMUMS, 5 and 6-in., all the best varieties; first-class, bushy plants, none better. 15 and 18c. Will exchange. Daniel E. Gorman, Williamsport, Pa.

CHRYSANTHEMUM STOCK PLANTS at 10c each, $1.00 doz., $8.00 100. For list of varieties see displayed adv. in this issue.
A. N. PIERSON, Cromwell, Conn.

Stock plants of Kalb, Ivory, Bonnaffon, white and yellow Robinson, and Col. Appleton, $6.00 100. Crabb & Hunter, Grand Rapids, Mich.

Stock plants of early varieties of chrysanthemums ready now.
GEO A. KUHL, Pekin, Ill.

CINERARIAS.

Cineraria grandiflora, extra strong, ready for 3½-in., $1.50 100. Cash.
J. W. MILLER, Hatton, Pa.

Cineraria stellata, from 2 to 4 ft. high, 3-in. pots, $5.00 100.
N. SMITH & SON, Adrian, Mich.

Cinerarias, 3-in., strong frame-grown stock, $5.00 100. C. Winterich, Defiance, Ohio.

Cinerarias, 2½ and 3 inch.
Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Finest purple, white, lavender and pink clematis, 2-yr. field-grown, or from 5-in. pots, 18c; 1-yr. field-grown, or from 3-in. pots, 9c. C. paniculata, fine 2-yr. field-grown, 6c. Cash.
W. H. SALTER, Rochester, N. Y.

Clematis apiifolia, a fine variety; strong plants from 3-in., $8.00 100.
P. J. BERCKMANS CO., Augusta, Ga.

Clematis paniculata, pot-grown, $2.00 100; $15.00 1,000. C. G. Nanz, Owensboro, Ky.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

The new winter-flowering coleus, Thyrsoides. Rooted cuttings, $2.00 100.
J. A. WIBE, Downers Grove, Ill.

Coleus, 10 variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

CYCLAMEN.

Why not fill up after mums with GOOD CYCLAMEN PLANTS, all set with buds, sure to be in at Thanksgiving and Christmas. Elegant stock, 4-in., $10.00 100; 6-in., $40.00 100. Better get them when there is no danger from frost. Satisfaction guaranteed.
GEO. A. RACKHAM, 880 Van Dyke Ave., Detroit, Mich.

CYCLAMEN PERSICUM SPLENDENS GIGANTEUM, a splendid stock of plants, well-budded, from 3-in. pots, $6.00 per 100; from 3½-in. pots, extra fine, in bud and bloom, $10.00 per 100; $90.00 per 1000.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen giganteum, strong plants, showing buds nicely. They are fine stock. 3-in., $8.00 100. Cash with order.
LOUIS BAUSCHER, Freeport, Ill.

500 Cyclamen giganteum, best strain, mixed colors, 2¼-in. pots, $2 and $5 per 100. Cash.
Jay Lingenfelter, Akin, N. Y.

Cyclamen, well set with buds, 4-in., $12.00; 5-in., $18.00 and $25.00.
C. WINTERICH, Defiance, Ohio.

Cyclamen giganteum, 100 4-in., well set with buds, $8.00. Cash.
J. W. MILLER, Hatton, Pa.

Cyclamen giganteum, 3-in., $5.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

DAHLIAS.

Dahlias, leading florists' cut-flower varieties. Special prices to close out surplus. $5.00 per 100; $45.00 per 1,000. Heavy clumps, just as dug from field; will divide into from four to fifteen strong roots. A. D. Livoni, sea shell pink; C. W. Bruton, large yellow; Nymphaea, flesh pink; Prince Charming, rose pompon, Snowclad, pure white pompon; Wm. Agnew, dazzling scarlet.
Elm City Nursery Co., New Haven, Conn.

DAISIES.

Daisies, red and white; large plants, 35c 100, $2.50 1000. J. C. Schmidt, Bristol, Pa.

Chrysanthemum frutescens, white and yellow, $1.00 100. Buckley Plant Co., Springfield, Ill.

DRACÆNAS.

Dracaena indivisa from flats, 50c 100; $4.00 1,000. Wm. Stuppe, Westbury Station, N. Y.

Dracaena indivisa, field or pot-grown, 5-in., $20.00 per 100. A. SCHMITT, Glenville, Ohio.

EUCHARIS.

Eucharis grandiflora, a money-maker for the florist who wants a fine, white flower for funeral work, bouquets, etc. Large clumps (will bloom this fall), 15 to 20 bulbs, $2.50 each; single bulbs, $10.00 100. Cash.
CRITCHELL'S, Avondale, Cincinnati, O.

FERNS.

Adiantum capillus veneris, best for fern dishes and other decorative work, 2½-in., $3.00 100. Adiantum capillus veneris imbricatum, 2½-in., $5.00 100. Nephrolepis davallioides furcans has no equal as a Christmas plant, 5 and 6-in. pans, $5.00 and $6.00 per doz. Pteris cretica albolineata, variegated; useful and pretty, 2½-in., $3.00 100. N. SMITH & SON, Adrian, Mich.

Sturdy cool-grown ferns, $1.25 100; $10.00 1000. Pteris tremula, P. hastata, P. sulcata, lomarias, lygodiums, gymnogrammes, adiantums, onychiums, etc. Clarke & Ley, Thunderbolt Ferneries, Savannah, Ga.

FERNS—Continued.

FERNS OUR SPECIALTY. Come to headquarters with your orders. We have added another large range of greenhouses to our establishment and can offer you unlimited quantities of JARDINIERE FERNS, fine, stocky plants, from 2¼-in. pots, in 15 of the best varieties, at $3.50 100; $30.00 1000. SAMPLES FREE. From 3-in. pots, for larger jardinieres, including all the leading varieties, $8.00 100; $75.00 1000.

4-in. stock, fine as specimen plants, or for large jardinieres and basket work, well-grown stock, very compact, in the following varieties: PTERIS ARGYRAEA, PT. CRETICA CRISTATA, PT. CRISTATA MAJOR, PT. CRETICA ALBO-LINEATA, CYRTOMIUM FALCATUM, SITOLOBIUM CIRCUTARIA, ASPIDIUM TENSIMENSE and ALSOPHILA AUSTRIALIS, $16.00 100, $150.00 1000.

ADIANTUM CUNEATUM, 4-in. plants, $16.00 100, $150.00 1000; 5-in. plants, $25.00 100.

ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, New Jersey.

Lygodium scandens, the Japanese climbing fern, far superior to smilax and equal to Asparagus nanus for cutting; 100 planted now will make 100 to 150 yards of fine decorative foliage for Easter, worth from 25c to 40c per yard. Try it and be convinced. $1.00 per 100 postpaid. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

Ferns for jardinieres, 2¼-in. pots, $3.50 100, $30.00 1000. All the finest varieties, including Aspidium tenssemense in any quantity.
ROBBINK & ATKINS, Rutherford, N. J.

Orders booked now for the new Nephrolepis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Ferns for fern dishes, etc. Extra strong stock, fine assortment. Let us quote prices on your needs, large or small quantities.
BEARD BROS., 1248 W. Fort st., Detroit, Mich.

Boston ferns, from 3-in. pots, $5.00; 4-in. pots, $10.00; 6-in. pots, $30.00 per 100. Wittboldii, 3-in. pots, $5.00 per 100.
DAVIS BROS., Morrison, Ill.

Boston ferns, 2½-in., $6.00 100; 3-in., $10.00; 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., $1.00; 8-in., $1.25.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontar St., Philadelphia, Pa.

Ferns. Boston, 4-in. pots, $8.00; 2½-in. pots, $2.50. Swords, 4-in. pots, $6.00.
C. M. Niuffer, Springfield, O.

BOSTON FERNS, 6-in., $6.00 doz. Ferns for fern dishes, 2 and 2½-in., 2¼c.
Crown Point Floral Co., Crown Point, Ind.

Nephrolepis cordata compacta, strong 2½-in., $2.50 100; 500 for $10.00 cash.
HENRY ERNST & SON, Washington, Mo.

Boston ferns, fine stock. Write
Geo. A. Kuhl, Pekin, Ill.

FEVERFEW.

Strong rooted cuttings of feverfew, Little Gem, 75c 100.
Buckley Plant Co., Springfield, Ill.

GARDENIAS.

Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIERRECHT & SON, New Rochelle, N. Y.

GERANIUMS.

Rooted Cuttings Now Ready.

	Per 100	Per 1,000
Double Gen. Grant, Scarlet	$1.00	$9.50
Poitevine, Salmon Pink	1.25	12.00
La Favorite, White	1.00	9.50
S. A. Nutt, Crimson	1.00	9.50

W. B. DU RIE, Rahway, N. J.

GERANIUMS.	100.	1000.
S. A. Nutt, Heteranthe and Buchner	$1.25	$10.00
Perkins, Poitevine, Landry & Riccard,	2.00	15.00
Viaud and Castellane	2.50	20.00
Bonnot, Castris, Acteon, Harrison, Jaulin, La Favorite and La Pilot.	1.50	

ALBERT M. HERR, Lancaster, Pa.

Good, strong, well-rooted geranium cuttings of S. A. Nutt, La Favorite, R. R. Gosselin and an extra fine dbl. scarlet at $1.50 per 100; $14.00 per 1000. E. Gattell and Paul Bruant, $1.25 per 100. Cash with order. Logan Ave. Greenhouses, R. R. No. 2, Danville, Ill.

Geraniums. Extra strong, rooted cuttings, true to name. Viaud, $2.00 100, $18.00 1000. Nutt, Riccard, Poitevine, Hill, Perkins, Jaulin, Bruant, Duchess of Orleans, Meehan, Morton, La Favorite, Gaar, $1.50 100, $14.00 1000.
Buckley Plant Co., Springfield, Ill.

Here is a snap! And room we must have. 5,000 S. A. Nutt, 5,000 Bruantii, 5,000 Beaute Poitevine, 2¼-inch pots. Your choice at $15.00 per 1,000. In fine shape. Cash with order.
J. E. FELTHOUSEN, Schenectady, N. Y.

Several thousand rooted cuttings of dbl. Gen. Grant geraniums at $1.00 per 100, express prepaid. Also several hundred S. A. Nutt and Grant from 2½-in. pots, $1.50 per 100.
F. E. BONHAM, Macomb, Ill.

Geraniums, good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
R. Vincent, Jr., & Son, White Marsh, Md.

Geraniums, 10 varieties, 2-in. pots, $2.50 100. Cash. JOS. H. CUNNINGHAM, Delaware, O.

Strong apple geraniums, 2½-in., $3.00 100.
H. STEINMETZ, Raleigh, N. C.

Geranium rooted cuttings now ready.
Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Gladiolus May, blooming-size bulbs, 30,000 at $7.00 1000; small May, ½ and less, 100,000 extra nice, $2.50 1000. Terms: 1-3 cash when order is booked, balance when bulbs are wanted.
P. O. COBLENTZ, New Madison, O.

Headquarters for gladioli. Over 80 acres under cultivation the past summer. Send for our catalogue of GLADIOLI and other summer-flowering bulbs.
JOHN LEWIS CHILDS, Floral Park, N. Y.

Gladioli; cut spikes; 25 acres; Augusta, May, Shakespeare, etc. C. Retscher, Canal Dover, O.

HARDY PLANTS.

100,000 HARDY HERBACEOUS PERENNIALS. Transplanted and grown in nursery rows one year. Thrifty and well rooted. See main list for other sorts. Not less than 50 of a kind at these rates.

2,800 Alyssum saxatile compactum, at 3c.
3,600 Aquilegia, in 5 named varieties.
1,600 Aster nova—angliae—at 4c.
900 Campanula carpatica, at 4c.
1,000 Campanula elegans, fine, at 4c.
1,400 Campanula medium, mixed, at 3c.
3,000 Delphinium formosum, strong, at 5c.
700 Delphinium grandiflorum, at 4c.
1,200 Digitalis, in 2 varieties, at 4c.
800 Dianthus plumarius, at 4c.
1,400 Gaillardia grandidora, at 3c.
1,650 Gypsophilla paniculata, at 3c.
1,100 Golden Glow, strong, at 4c.
7,000 Hardy Ferns, see list for varieties.
5,600 Hollyhocks, double, in 5 named varieties, at 4c.
1,200 Hollyhocks, single, mixed, at 4c.
3,000 Heuchera sanguinea, at 5c.
2,000 Iberis sempervirens, at 4c.
5,000 Lilium canadense, X strong, at 5c.
1,200 Lythrum roseum superbum, at 4c.
1,000 Primula veris, mixed, at 5c.
1,200 Primula vulgaris, at 5c.
800 Sedum acre, at 3c.
1,100 Silene virginica, at 5c.
1,500 Monarda didyma, at 4c.
15,000 Vinca minor, fine, at 4c; $25.00 per 1,000.
1,050 Dianthus, Mrs. Simkins, at 4c.
1,100 Pyrethrum uliginosum, 2 years, at 5c.
1,400 Liatris, in 4 named varieties, see list.
1,200 Lychnis chalcedonica, at 4c.
600 Lychnis Haageana, at 4c.
600 Phlox subulata, at 4c.
1,000 Dicentra exima, strong, at 5c.
450 Anemone Whirlwind, strong, at 5c.
10,000 Trillium grandiflorum, flowering bulbs, at 2c ($12.00 per 1,000).

30,000 PANSY PLANTS, strong plants, with heavy foliage, transplanted and grown in open ground in nursery rows, fine strain in mixed colors, $1.00 per 100, $7.00 per 1,000, ready Oct. 10th. EDWARD GILLETT, Southwick, Mass.

Plants for Florists' use.	Per 100
Funkia undulata variegata, the true variety, strong plant	$6 00
Phlox, Coquelicot, new crimson scarlet, all field-grown plants	8 00
Phlox, new varieties, choice kinds	8 00
Phlox, older varieties, best kinds	6 00
Deutzia Lemoinei, 8 to 10 shoots, extra	8 00
Deutzia Lemoinei, 2½-in., extra, for forcing	6 00
Deutzia gracilis rosea, strong, 2 feet, elegant for forcing	8 00

Peonies in variety. We were awarded a Silver Medal at the Pan-American for the largest collection of cut flowers.
Flowering shrubs in general assortment, roses, clematis, etc., etc.
John Charlton & Sons, University Avenue Nurseries, Rochester, N. Y.

Anomenes—Japonica alba, $6 100; elegantissima, a new variety, $10.00 100; Lady Ardilano, $8.00 100; Queen Charlotte, $8.00 100; rosea superba, $12.00 100. Phalaris arundinacea variegata, remains white and green through the season; effective as a border plant; large field-grown clumps, $6.00 100. Pyrethrum (hybridum), colors range from pure white to deep blue; field-grown, $8.00 100. Tritoma uvaria grandiflora, strong divisions, $5.00 100. Valeriana officinalis (garden heliotrope), strong divisions, $5.00 100.
N. SMITH & SON, Adrian, Mich.

We offer to the trade a large and varied collection of the best HARDY PERENNIAL PLANTS, and we also make a specialty of our best native shrubs, both collected and nursery-grown. Our trade list for 1902-3 is now ready and will be mailed on application.
WM. F. BASSETT & SON, Hammonton, N. J.

Special discount of 10 per cent from these low prices for cash with order.

All the stock is field grown except where pots are indicated by size of pot or letter "p," the latter meaning 3½-inch pots:

	Per 100.
800 Achillea, The Pearl, p	$3.00
600 Achillea roseum, p	3.00
500 Adonis vernalis, 2-in. pots	2.00
800 Agrostemma coronaria and Flos Jovis	4.00
500 Anemone sylvestris, p	3.00
800 Anemone J. rubra, p	3.00
200 Aplos tuberosa, p	3.00
400 Armeria maritima, p	3.00
100 Artimisia abrotanum, p	3.00
300 Astilbe japonica	4.00
500 Alyssum saxatile, 2-in. pots	3.00
100 Anthemis Kelwayii, p	3.00
200 Aster Novae Angliae, p	3.00
200 Aster alpinus, p	3.00
3000 Aster pyramidalis, p	3.00
1000 Bocconia cordata	4.00
400 Clematis Davidiana, p	3.00
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2,000 Campbells, 2½-in., $1.50 per 100. The violet grower. A. B. Campbell, Cochranville, Pa.

California violets, field-grown, second size, $3.00 100. N. Smith & Son, Adrian, Mich.

MISCELLANEOUS

	100.
MUST CLEAN UP.	
Geraniums, 3-in. pots	$1.50
Begonias, mixed, 3-in. pots	1.50
Coleus, mixed, 3-in. pots	1.00
Umbrella plants, 4-in. pots	3.00

BE QUICK.
Elmer Marsh, Vienna X Roads, Ohio.

TO EXCHANGE.

To Exchange.—Burbank's Shasta daisy, 2-in., $10.00 per 100; Asparagus Sprengeri from flats, $1.00 per 100, $7.50 per 1,000; unrooted Tidal Wave, Genevieve Lord, Joost and Eldorado carnations at $5.00 per 1,000, fine short-jointed; Shasta daisy seed, 25c per 100, $2.00 per 1,000; Asparagus Sprengeri seed, $1.50 per 100; pansy seed, Giant-flowering, mxd., $1.00 per oz.; smilax seed, 50c per oz., $3.00 per lb., for geranium rooted cuttings, 2-in. Boston ferns, mixed ferns from flats and small kentia palms. Express paid both ways by us.
CALIFORNIA CARNATION CO., Box 103, Loomis, Cal.

To Exchange—Large, pedigreed stock of Belgium hares for carnation plants.
Geo. Stafflinger, Springville, N. Y.

WANTED.

Wanted—Stock plants of marantas. State variety and price. Chas. H. Campbell, 3691 Germantown Ave., Philadelphia, Pa.

BABY GREENHOUSES.

Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express, 16 and 18 lbs.
SIEBRECHT & SON, New Rochelle, N. Y.

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Choice recleaned Canary, Rape, Hemplag's Mocking Bird Food, Song Restorer, Bird Tonic, Fish Food, Bird Fanciers' Supplies. Send for samples and price list
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Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
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Fancy and Dagger ferns, $1.00 per 1000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

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Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
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Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 West 28th St., New York.

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Bone Meal, best for roses and carnations, at $3.50 per 200 lb. bag, or $32.50 per ton.
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GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

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GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
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Good Hose. J. G. & A. Esler, Saddle River, N. J.

Peno Rubber Co., 608 Arch St., Phila., Pa.

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Sphagnum moss of first quality. Can ship at a moment's notice—2 bales, $1.50; 10-bale lots, $6.00. Z. K. Jewett & Co., Sparta, Wis.

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FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

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PORTLAND, ORE.

From observation and a short interview with the leading florists everything would seem to be progressing satisfactorily along horticultural lines. Trade during the summer months was excellent and is now gradually increasing in volume. For the past month there has been a decided scarcity of good flowers, but soon we will have mums, roses and carnations in abundance, when we expect all the business we can possibly attend to.

Some little damage to outside stock and to young roses under glass, resulted from the smoke and ashes from forest fires which raged near here all through August.

Late asters were fine and sold well up to October 1. Dahlias have also proved profitable, selling as high as 75c per dozen. Sweet peas that commenced to bloom early in June are still blooming and if not destroyed by frosts promise good until Thanksgiving.

Roses and carnations, which thrived so well here under glass all summer, were not dispensed with until late in September. Their superior quality was highly commented on by eastern tourists. The best roses for commercial purposes are Testout, Carnot and Kaiserin, not uncommonly seen here on 30-inch stems, with thorns so sharp that you need a hide as thick as that of the rhinoceros to handle them.

The retail stores have been newly decorated and we have three of them which would do credit to any city.

The L. G. Pfunder place always has something novel on display. Miss Pfunder stole a march on us and captured the prize for the best decorated window during carnival week.

Clarke Bros. are receiving some grand blooms of Queen and Bonnaffon chrysanthemums from their place in Oakland, Cal., and their window looks fine arranged with these flowers and Adiantum Farleyense fern.

Martin & Forbes are using autumn foliage rather freely, creating a beautiful contrast with Adiantum cuneatum and other ferns. This firm put up an elaborate decoration at the Portland hotel for the banquet given last week to a party of New York state financiers who were prospecting through the northwest.

Geo. Otten is looking after the wedding decorations and was obliged to send to Chicago for valley and other material, which, he says, arrived in very good condition.

We are having salubrious weather and the surrounding country with its dense forestry clothed in its varied colors of autumn foliage is a most interesting study. You have only to drive over Portland Heights and through our city park to convince yourself that nature has wrought wonders for Portland. The city park is laid out on a range of hills and when you have reached its highest point you have climbed five hundred feet. From here you get a full view of the city, and on a clear day Mt. Hood is visible, a distance of sixty miles. H. J. M.

PONTIAC, ILL.—W. J. Miller has admitted his son, Orlin B. Miller, to partnership and the firm name is W. J. Miller & Son. Three new houses, each 30x100, are well equipped and ready for business. Prospects for a good season's trade are bright. Their carnation plants, which they did not get benched till September 25, are looking fine.

DIXON, ILL.—John E. Rakebrandt, foreman for O. L. Baird, has returned from a four months' sojourn in Germany and has resumed his position here. Business is good and stock plentiful.

WINONA, MINN.—The Winona Floral Co. has opened its new establishment for business. H. W. Rogers and R. G. Guenther, formerly of Chicago, are the managers.

PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:
"The largest and finest colored flowers we have ever seen."

100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants ready to bloom Oct. 1, $1.00 per 100; $8.00 per 1000. Seed, $1.00 per pkt.; $5.00 per oz. Cash with order.

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GROWER OF THE FINEST PANSIES.
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JOSEPH HEACOCK,
WYNCOTE, PA.,
Grower of
Areca Lutescens, Kentia Belmoreana,
Kentia Forsteriana and Latania Borbonica.
Price List for the asking.
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STOCK PLANTS of MUMS.
Early varieties ready to send out.
GEO. A. KUHL, Pekin, Ill.
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Roses and Carnations...
3000 strong 3-inch Brides, Meteors and Golden Gates, $4.00 per 100; $30.00 per 1000. 2-inch, Brides, Meteors and Maids, $2.00 per 100; $20.00 per 1000. Fine healthy stock.

500 extra fine Wm. Scott, field-grown, 12-15 shoots, protected in frames from frost, $4.00 a 100. A great bargain at this low price. 4-in. plumosus, $15.00 per 100. Some good 4-in. pipe, $8.00 per 100 ft.
W. H. GULLETT & SONS, Lincoln, Ill.
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Cyclamen Giganteum or Persicum.
Extra fine plants: ready for shifting for Christmas blooming. 3-in., $5.00. **Cinerarias**, 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. **Primulas**—Chinese—3-in., $3.00; 3¼-in., $5.00 100; Obconica—2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100, 200 for $5.00; 3½-in., ready for 5-in., $5.00 100. **White Stocks**, 2¼-in., $2.00 100.
Umbrella Plants, from flats, $1.00 per 100.
SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Stumpp & Walter Co

KENTIA SEED!
"JUST RECEIVED."
BELMOREANA .....$4.00 per 1000.
Per case, 4000 seeds, at.... 3.50 "
COCOS SEED to arrive Jan. 1st, $7.50 per 1000.
5000 lots..... 6.00 "
50 BARCLAY STREET,
NEW YORK.
Branch Store, 404 East 34th Street.

FLATBUSH, N. Y.

The appended scores will indicate to our bowling friends in Milwaukee that the coming contest in August will not be a "walk over" for Philadelphia. The Flatbushians are quite happy over the solving of the coal problem and the prospective fall and winter trade, notwithstanding its present unhealthy condition. The doctor's prescription of "cold weather" will soon have the patient on his feet and within a fortnight the "fancies," both in mums and carnations, will command the pecuniary respect they deserve. But all unite in calling this week "the worst of the season."

Mr. Schmutz, with his new legs, is again bowling finely, the Dailledouze Bros. are a team in themselves, and Riley absorbs his "pots" as usual. Will Siebrecht was a little "off his feet" and woe to the man who goes up against one of John Raynor's lightning curves. Mrs. Siebrecht, who has been very ill, is convalescing. Flatbush will be decidedly "in it" at the carnation convention in February. The "stranger" is always welcomed at the club alleys here on Thursday evenings the year around.

Out of four games the best three are chosen:

				Total.	Av.
E. Dailledouze	189	145	198	522	174
P. Riley	136	195	144	475	158
H. Dailledouze	166	151	147	464	154
P. Dailledouze	146	168	146	460	153
C. Irwin	148	160	136	444	148
C. Wocker	154	139	140	433	144
W. Siebrecht	100	187	145	432	144
L. Schmutz	128	127	160	415	138
J. Raynor	136	140	121	397	132
J. A. Shaw	104	112	121	337	112

AUSTIN.

TORONTO.

'Mum seems to be the word this week, as we find them in great demand and of ready sale in all quarters; in fact, the retailers, and consequently the wholesalers, claim that the demand this season, thus far, for chrysanthemums is considerably ahead of former years. We usually find chrysanthemums dragging after they have been in a couple of weeks, and the supply gets over the demand. This year it has been the reverse, and although we believe the supply was equal to, if not ahead of other years, the demand has been such that many orders are being only half filled. Roses are more plentiful, while carnations are in moderate supply.

J. S. Simmons, our enterprising Yonge street florist, reports three large weddings and two large receptions this week, which took a considerable amount of stuff, one taking as much as two hundred yards of smilax. The decoration for a large reception this week was taken by one of our departmental stores, while the palms were furnished by S. Tidy & Son. This was one of the most extensive decorations done for some time in this line, using one hundred large palms. D. J.

Protect Your Plants From Freezing in Cold Weather by getting a

LEHMAN WAGON HEATER

175,000 in use. Recommended by all florists who have them in use. Cost of heating from fuel is but one-half cent an hour. Write for Circular and Price List to-day.

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Burpee's Seeds Grow

BRUNNERS
We have a very fine stock of
ULRICH BRUNNER ROSE
from hard wood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at $5.00 per 100; $45.00 per 1000.
THE DINGEE & CONARD CO.
WEST GROVE, PA.
Mention The Review when you write.

Palms Home Grown, Fine Clean Stock, Grown Cool.
ASPARAGUS SPRENGERI. 3-inch pots, nice plants, $4.50 per 100.
J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.
Mention The Review when you write.

Pandanus Veitchii.
Strong plants from 6-inch pots, 18 to 20 inches high above pot, $12.00 a dozen.
JOHN WELSH YOUNG,
GERMANTOWN, PHILADELPHIA, PA.
Upsal Station, Penn. R. R.
Mention The Review when you write.

For Fall Planting—Large-Flowered Clematis. Finest purple, white, lavender and pink sorts, 2 years fine field-grown or from 5-inch pots, at 15c; 1 year fine field-grown or from 3-inch pots, 9c. Clematis Paniculata fine 2 year field-grown plants, 6c. Roses—Gen. Jacqueminot, Coquette des Blanches, La Reine, Queen of the Prairie, Crimson Rambler, Clothilde Soupert, etc., 2 year fine field-grown on own roots 10c; second size, 6c. Hydrangea P. G.—nice plants, 8c; well rooted layers, 2c. Japan Gold Leaf Honeysuckle, well rooted layers, 5c. Packing free for Cash.
W. H. SALTER, Rochester, N. Y.

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The Cottage Gardens,
QUEENS, L. I., N. Y.
Send for Price List of
Peonies, Herbaceous Plants, Phlox, Azaleas, Specimen Trees and Shrubs.
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CHAS. D. BALL,
GROWER OF Palms, Etc.
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
Mention The Review when you write.

Asparagus Plumosus!
Fine strong 3-in. plants, ready for a shift, $5.00 per 100.
VAN WERT GREENHOUSES
VAN WERT, OHIO.
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The New Nephrolepis Fern
ANNA FOSTER
Small plants, $25.00 per 100; delivery after September 1st.
KENTIA PALMS, good, 50c, 75c and $1 each.
BOSTON FERNS, now ready at $25.00 and $50.00 per 100.
L. H. FOSTER, Dorchester, Mass.
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SMILAX, strong 2-inch, $1.25 per 100.
GERANIUMS, mixed, $1.25 per 100.
E. I. RAWLINGS, - QUAKERTOWN, PA.
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ASPARAGUS PLUMOSUS NANUS

W. H. ELLIOTT

BRIGHTON, MASS.

Cut Strings, 50 Cents each.

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DUTCH Hyacinths

for FORCING or BEDDING,
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LILIUM LONGIFLORUM.

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EVERGREENS.

The largest and most complete assortment of **Specimens**, sheared and of natural form. All roots pruned and carefully grown.

Evergreen Trees, Evergreen Shrubs and **Vines** for window boxes and Winter decorations.

DECIDUOUS TREES.

20,000 **Oriental Plane Trees**, 6 to 14 feet.
25,000 **Oaks**, in variety, 6 to 14 feet.
100,000 **Maples**, in variety, 8 to 18 feet.
Beech, Birch, Ash, Elms, Ginkgo Poplars and other leading varieties.

HEDGE PLANTS.

200,000 **California Privet**, 1 to 4 feet. The finest grown.
Osage Orange, Berberry Thunbergii, Altheas, etc.

FLOWERING SHRUBS.

15,000 **Hydrangea Paniculata Grandiflora**, 1 to 4 feet.
5,000 **Deutzias (Gracilis** and **Lemoinei)** for forcing.

A complete assortment of Shrubs of all sizes, including quantities of large shrubs for immediate effect plantings, as well as smaller grades.

Climbing Vines.

5,000 **Ampelopsis Veitchii**, 1 and 2 years.
20,000 **Hall's Japan Honeysuckle.**
20,000 **Clematis Paniculata.**
English and **Irish Ivies, Wistarias** and other vines.
Crimson Rambler, Wichuraiana and other climbing and running roses.

Special Quotations to large buyers. New Trade List now ready.
Descriptive Illustrated Catalogue on application.

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60 miles from New York. 30 miles from Philadelphia.

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SEND advs. now
FOR OUR SPECIAL
Thanksgiving Number
To be issued **Nov. 13.**

ASPARAGUS PLUMOSUS NANUS
Strong and Bushy, 3-in. pots, per 100, **$5.00.**

TOBACCO STEMS. FRESH AND STRONG.
Bale of 300 lbs., **$1.50.**

W. C. BECKERT, Allegheny, Pa.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

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300-306 Dearborn St., CHICAGO.

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B. & A. Specialties.

Dutch, French, Chinese and Japanese Bulbs.

AZALEAS for Easter forcing in all sizes and the finest New York market varieties. KENTIAS in all sizes from 2-in. pots up to 10 ft. specimens. Evergreens and Boxwood for window boxes and outdoor planting.

Ask for our SPECIAL WHOLESALE BULB LIST -- NOW READY.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Mention The Review when you write.

KANSAS CITY, OCT. 26.

I have just a moment or two to give you a few lines. I believe there has never before been such a response to any flower show as we have here today. Entries are crowding me so much that I am worried about what to do with them. The more I fight for third premiums, the surer I feel that it is just and right to offer them. In several of the classes to date (and I have to await final entries for our first and second days' entries until tomorrow) there are five entries, and in no class are there less than three. I am delighted with the prospects of our show and wish it were possible for all my friends to see it.

Canaries, parrots and fish aquariums are, as you know, rather an innovation in flower shows, yet we have quite a number of entries, and life is life, so we shall have birds and fishes anyway. I desired to get something more than the birds and fishes, so I asked Director General Taggart about it and he said "Rats!" I told him Bear and For Bear."

UNCLE JOHN.

MEMPHIS, TENN.

Death of Henry Moore.

Henry Moore, one of the pioneer florists of the south, died October 21. He was a native of Pennsylvania, but when a young man came south. This was before the war, and when the great struggle began he enlisted in a Confederate regiment in Mississippi and marched and fought and starved all through the conflict. After the surrender he came to Memphis and engaged in the florist business. Through a combination of fortunate circumstances, untiring energy and a love of his chosen profession he amassed a fortune sufficient to enable him to retire from business in 1892.

He leaves a devoted wife, children and grandchildren. His funeral, under the charge of his brother Odd Fellows, was largely attended and numerous floral offerings from those in the trade attested his popularity with his fellow florists.

C. H. H.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Jacob Becker, Fifty-second and Market streets, Philadelphia, Pa., registers new rose Ideal. A sport from La France. Flower pink without the bluish tint or tendency to curl the petals which are characteristic of La France. Foliage heavier, darker green and not so large as in the parent.

WM. J. STEWART, Secretary.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

The GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.

BUCKLEY'S October Offer!

GERANIUMS—Extra strong rooted cuttings true to name. **Jean Viaud** (the pink novelty), $2.00 per 100, $18.00 per 1000. S. A. Nutt, Alp. Riccard, Beaute Poitevine, E. G. Hill, Frances Perkins, Mme. Jaulin, Mme. Bruant, Duchess of Orleans, Thos. Meehan, L. P. Morton, La Favorite, Gaar, $1.50 per 100, $14.00 per 1000.

VERBENAS—Our 20th Century Collection. 25 latest mammoth varieties to date, labeled, strong plants, 2¼-in. pots, $1.50 per 100, $14.00 per 1000.

SMILAX—Extra strong plants, 2¼-in., $1.00 per 100, $8.00 per 1000.

ASPARAGUS SPRENGERI—Extra fine, 2½-in., $2.00 per 100; 2-in., $1.25 per 100.

PETUNIAS—Ten novelties from Dreer's and Henderson's latest sets; strong R. C. $1.25 per 100.

FEVERFEW — Little Gem, strong R. C., 75c per 100.

MARGUERITE-Chrysanthemum Frutescens, white and yellow, $1.00 per 100.

SALVIA—The two best, St. Louis and Bonfire 75c per 100.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

VIOLETS, Swanley White and Lady Campbell, 3-inch pots, $3.00 per 100; $30.00 per 1000.

CHRYSANTHEMUMS.

Stock plants of Kalb, Ivory, Major Bonnaffon, White and Yellow Robinson and Col. Appleton, at $6.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

SEND ADVS. NOW

FOR OUR SPECIAL

Thanksgiving Number

To be issued

November 13.

PRIMULAS, Chinese Primroses,

in assorted colors, **$2.00** per 100, fine plants.

ASPARAGUS PLUMOSUS, 2-inch pots, at **$3.00** per 100; **$25.00** per 1000.

PHRYNIUM VARIEGATUM, out of 4-inch pots, at **$15.00** per 100.

UMBRELLA PLANTS, out of 4-inch pots, at **$4.00** per 100.

ARECA LUTESCENS, fine stocky plants, out of 7-inch pots, at only **75c** each.

Cash with order.

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

BOSTON FERNS!

We are headquarters in the west for them. Write us about 2½, 3, 4, 5, 6, 7, 8 and 10-inch sizes.

Asparagus Plumosus ....and Sprengeri!

2½, 3, 4 and 5-inch.

Smilax. 2 and 3-inch.

A lot of 5-in. **Hibiscus** to close, $1.50 per doz.

Cinerarias. In 2½ and 3-inch.

Geraniums. R. C. now ready. **Write**

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

MICHIGAN SEED CO.

Wholesale Growers

Fine Aster Seed

SEMPLE'S WHITE and MIXED. Send for sample.

SOUTH HAVEN, - - - MICH.

Mention The Review when you write.

NEPHROLEPIS PIERSONI,

of which a frond is shown here, received at the ASHEVILLE CONVENTION

The Only Gold Medal ever awarded by the S. A. F.

It has received awards and certificates wherever shown.
It has all the good qualities of the Boston Fern and is much handsomer

Send now for our circular telling all about this great novelty which William Scott says, in his notes in the

Review, will entirely supersede the Boston Fern.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

C. H. JOOSTEN, Importer, 178 CHAMBERS STREET, New York.

500 at the rate per 1000. For less than 500 add 10 per cent.

WHY PAY MORE? Cash with order please.

Mixed Single Dutch Hyacinths For forcing or bedding. Separate colors. Red and blue, per 1000, $22.00; white, per 1000, $23.00.

Dutch Roman or Miniature Hyacinths The scarcity, high price, and unhealthy condition of French Roman Hyacinths make the Miniature Dutch Hyacinth a desirable substitute. **Leading named sorts for forcing;** white, per 1000, $17.50; red and blue, $15.00. **In select mixture,** separate colors: white, per 1000, $16.50; red and blue, $14.00. All colors mixed, per 1000, $14.00.

Narcissus Von Sion, double headed, $17.00; Von Sion, first size, $12.00. Narcissus Poeticus, $3.00.

Tulips Duc van Thol, scarlet, $9.00; Duc van Thol, double red and yellow, $6.00; Duchesse de Parma, $6.50; Keizerskroon, $10.00; Rachel Ruisch $8.00, Yellow Prince, $9.00; La Candeur, $8.00; Tournesol red and yellow, $10.00.

RICHMOND, IND.

At the last meeting of the Richmond Florists' Club, held at the greenhouses of Chessman & Schepman, every establishment in the city was represented. Future meetings will be held at the various greenhouses and the next one will be held at the establishment of the E. G. Hill Co. The club contemplates having a local carnation show some time this season, and a chrysanthemum show a year hence. Committees were appointed to report later. After adjournment cigars and pipes and several decks of cards were forthcoming and a pleasant social time was had.

A visit to the various establishments found them all in excellent condition. Roses and carnations are coming on well, and mums are seen in all sizes, from a nickel up to a grandfather's hat.

At Fulle Bros. the boys were excavating a pit for the new boiler.

At Gift's we found stock well in hand and in good condition.

At Gause's we found some fine Beauties and Liberties and a bench of Crockers that were fine enough for any one.

At Graves' we saw some Eatons that would be hard to excel, and their Appletons are immense.

At Hill's, among the new chrysanthemums, a pink novelty, Mlle. Marie Liger, is immense and sure to be a winner.

At Chessman & Schepman's (the old Beach place) there is a marked improvement in both quality and quantity of stock grown.

Ben. H. Schroeder, foreman for the above firm, was married October 8, the bride being Miss Irene Smithmeyer. The church was handsomely decorated with wild smilax, palms, ferns and Beauty roses. After the wedding the happy couple visited Chicago, St. Louis and other points and will be at home to their friends at 517 South Seventh street.

H. C. C.

LONDON, ONT.

Business is good for the kind of weather we are having. One hour the sun is shining and the next it is raining. There has been an unusual number of thunder storms of late, doing more or less damage, chiefly to barns that are well filled with grain.

Thanksgiving day trade was about equal to last year, the call being for small quantities, mostly carnations.

Chrysanthemums are becoming more plentiful and are selling at fair prices, Ivory bringing $2 per dozen, Omega $3 and Bergmann sold out well at $1 to $1.50. Carnations are more plentiful and of better quality, bringing 40 cents to 60 cents at retail.

Gammage Bros. are adding a 10x100 propagating house, using cement slabs, 12x21x1½, for the bench in place of slate, which they consider will make a more durable bottom and be equal to the brick bottom propagating benches.

LOND.

Rooted Cuttings READY Dec. 1.

	Doz.	100	1000
Gov. Wolcott, white	$0.60	$4.00	$35.00
Alba, white	.60	4.00	35.00
Golden Beauty, yellow	.60	4.00	35.00
Violania, variegated	1.25	9.00	75.00
Mrs. Palmer, scarlet	.60	4.00	35.00
Mrs. Higinbotham, light pink	.60	4.00	35.00
J. H. Manley, scarlet	.60	4.00	35.00
Viola Allen, variegated	.60	4.00	35.00
Gaiety, fine variegated	.60	4.00	35.00
Harry Fenn, crimson	.60	4.00	35.00
Apollo, scarlet	.60	4.00	35.00
Dorothy Whitney, yellow	.65	4.50	40.00
Stella, Dorner's variegated	.60	4.00	35.00
Corbett, salmon	.40	3.00	25.00
Dorothy, pink	.50	3.00	25.00
Chicot, white	.50	3.00	25.00
Gov. Roosevelt, maroon	.35	2.50	20.00
Prosperity, white splashed pink	.35	2.50	20.00
Norway, white	.30	2.00	15.00
Lorna, white	.30	2.00	15.00

	Doz.	100	1000
Gold Nugget, yellow	$0.30	$2.00	$15.00
Lawson, pink	.30	2.00	15.00
Bon H. Richard, white	.30	2.00	15.00
Morning Glory, shell pink	.30	2.00	15.00
Egypt, maroon	.30	2.00	15.00
Queen Louise, white	.30	2.00	15.00
America, scarlet	.15	1.00	10.00
Crane, scarlet	.15	1.00	10.00
Genevieve Lord, light pink	.15	1.00	10.00
Evanston, red	.15	1.00	10.00
Tidal Wave, pink	.15	1.00	10.00
Joost, pink	.15	1.00	10.00
Mermaid, salmon, fine	.15	1.00	10.00
Portia, scarlet	.15	1.00	10.00
Armazindy, variegated	.15	1.00	10.00
Lizzie McGowan, white	.15	1.00	10.00
Wm. Scott, pink	.15	1.00	10.00
Marquis, light pink	.15	1.00	10.00
Argyle, pink	.15	1.00	10.00
Eldorado, yellow	.15	1.00	10.00
Gen. Maceo, maroon	.15	1.00	10.00

WRITE FOR PRICES ON LARGE LOTS.

6 at 12 rate, 25 at 100 rate, 250 at 1000 rate. Terms, spot cash, prepaid to your city at above prices. All rooted cuttings sold under express conditions that if not satisfactory on arrival, return immediately, when money will be refunded.

Unrooted Cuttings or Pips at one-half the price of Rooted Cuttings.

California Carnation Co.

LOOMIS, Placer County, CAL.

Mention The Review when you write.

Extra Fine, Field-Grown

Carnation Plants.

500 Prosperity	$8.00 per 100.	
1500 Wm. Scott	5.00	"
2000 Ethel Crocker	5.00	"
1500 Cartledge	4.00	"
1500 McGowan	4.00	"
400 Hill	5.00	"
1000 Mrs. Joost	6.00	"
300 Maceo	7.00	"
1000 Fisher	4.00	"
1000 Norway	7.00	"

ROSES. ROSES.

400 Brides	3-inch pots.	6.00 per 100.	
300 Gates	" "	6.00	"
300 Bridesmaids	" "	6.00	"

LEO NIESSEN

WHOLESALE FLORIST,

N. W. Cor. 13th and Filbert Streets,

PHILADELPHIA, PA.

Mention The Review when you write.

CARNATIONS!

12,000 strong healthy field-grown plants.

	Per 100	Per 1000
Bradt	$7.00	$60.00
Marquis	6.00	50.00
Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

250 of one variety at 1000 rate.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

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LILLIAN POND....

THE LARGEST AND BEST WHITE.

A pure white flower averaging 3½ inches on long stiff stems. A contiouous, free and early variety with a flower perfectly formed and very fragrant.

A Money-Maker for You All.

Orders filled strictly in rotation, delivery commences January 1, 1903.

Prices—12, $1.50; 25, $3.00; 50, $5.00; 100, $10.00; 250, $23.00, 500, $37.50; 1000, $75.00.

S. J. REUTER,

WESTERLY, RHODE ISLAND.

Carnations...

FIELD-GROWN PLANTS.

	Per 100	Per 1000
NORWAY, extra fine	$7.00	$60.00
GENEVIEVE LORD	6.00	50.00

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

ALL THE BEST CARNATIONS

LEADING NOVELTIES OF 1903.
The Best Varieties of 1902.
All the Standard Varieties.

Send in your orders for Rooted Cuttings **now.**

GEO. HANCOCK & SON, Grand Haven, Mich.

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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

ASPARAGUS SPRENGERI -- FIELD-GROWN.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

ADIANTUM CAPILLUS VENERIS—One of the best for fern dishes and other decorative work, 2½ inch pots, $3.00 per 100.

ADIANTUM CAPILLUS VENERIS IMBRICATUM—Excellent for filling fern dishes, wide pinnates like Farleyense, 2½-inch, $5 00 per 100.

ANEMONES—Japonica Alba, $6.00 per 100: Elegantissima, a new variety of exceptional merit, $10.00 per 100; Lady Ardilaun, $8.00 per 100; Queen Charlotte, $8.00 per 100; Rosea Superba, $12 00 per 100.

BEGONIA INCARNATA—The most useful begonia for Winter-flowering, 3-in. pots, $8 00 per 100.

CAREX JAP VARIEGATA—A useful decorative grass, 2¼ inch pots, $2.50 per 100.

CINERARIA STELLATA—From 2 to 4 ft. high. The plants make a most effective display, either as a specimen or in groups. 3-in. pots, $5.00 100.

CYPERUS ALTERNIFOLIUS—Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100

NEPHROLEPIS DAVALLIOIDES FURCANS—We consider this to be the handsomest fern in cultivation. Has no equal as a Christmas plant. Have a fine lot in 5 and 6 inch pans, $5.00 and $6.00 per 100.

PHALARIS ARUNDINACEA VARIEGATA—Of the variety which retains its bright variegations of white and green throughout the season. Can highly recommend it as an effective border plant. Large field-grown clumps, $6.00 per 100.

PRIMROSES (Chinese)—Separate colors, white, light pink, scarlet and blue. From the finest imported seed; 3-inch pots, $5 00 per 100.

PTERIS CRETICA ALBO-LINEATA—Variegated, very useful and pretty, 2½-inch pots, $3.00 per 100.

PYRETHRUM—(Hybridum)—Gives the best satisfaction both as to variety of color and freedom of bloom. The colors range from pure white to deep blue; field-grown, $8 00 per 100.

TRITOMA UVARIA GRANDIFLORA—An old stand-by. Strong divisions, $5.00 per 100.

VALERIANA OFFICINALIS—(Garden Heliotrope)—Strong divisions $5.00 per 100.

VINCA MAJOR VARIEGATA—Large field-grown clumps with 12 to 20 runners. A good seller during the winter. $8.00 per 100.

VIOLETS—CALIFORNIA—Field-grown, second size, $3.00 per 100.

NATHAN SMITH & SON, - ADRIAN, MICH.

Mention The Review when you write.

Fine Grafted. **ORANGES** Bearing Sizes.

12-inch bushy, from 4-inch pots,		$20.00 per 100
15-18 " " " "		30.00 "
KIN KANS.		Per 100
10-12-inch, bushy, from 4-inch pots		$20.00
15-18 " " " "		30.00
LEMONS.		Per 100
12-15-inch, bushy, from 4-inch pots		$20.00
18-24 " " " "		30 00
ROSES.		Per 100
Climbing Clothilde Soupert, strong field-grown		$10.00
Crimson Rambler, strong, field-grown		7.00

CLEMATIS APIIFOLIA.

A fine variety. Somewhat similar to C. Paniculata, but blooms earlier and lasts longer. Strong plants from 3-inch pots $8.00 per 100. (Not less than 40 of a class at 100 rate.)

CITRUS TRIFOLIATA.

(Best defensive hedge plant.)	Per 1000
Strong 2-year-old, field-grown	$15.00
Strong 3 " "	20 00

AMOOR RIVER PRIVET.

(Better than California Privet.)	Per 1000
18-24-inch, branched	$15 00
24-36 " "	20.00

(Not less than 400 of a class at these rates.

Rubbers, Kentias, Phoenix, Latanias, Pandanus, Ornamental Trees and Shrubs in large quantities. Write for catalogue.

P. J. BERCKMANS CO. (Inc.)

FRUITLAND NURSERIES. AUGUSTA, GA.

ESTABLISHED 1856.

Mention The Review when you write.

The Florists' Hail Association

has paid over **$53,000** for glass broken by hail during the past 15 years. For particulars

Address JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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DREER'S Importation of AZALEAS

LARGEST IMPORTS --- FINEST VARIETIES --- BEST VALUES.

Our importations of Azaleas are the most extensive that reach the United States, our stock is grown by the most experienced growers in Belgium and, as we buy for cash, we secure the best values and can give you best values in return.

We have commenced shipping and if you have not yet placed your order we would advise you to do so at once in order to take advantage of low import prices as well as of low cost of transportation, as the plants can at this season be safely shipped by freight.

10 to 12-in. crowns, bushy plants, **$4 50** per doz. **$35.00** per 100.

12 to 14-in. crowns, bushy plants, **$6.00** per doz. **$45.00** per 100.

14 to 16-in. crowns, bushy plants, **$7.50** per doz. **$55 00** per 100.

16 to 18-in. crowns, bushy plants, **$12.00** per doz. **$90.00** per 100.

18 to 20-in. crowns, bushy plants, **$25.00** per doz. **$200.00** per 100.

20 to 24-in. crowns, bushy plants, **$36.00** per doz. **$300 00** per 100.

Azalea Mme. Van der Cruyssen has never been so scarce as this season but we are still in position to include 10 per cent. of thia variety in assorted lots.

VIOLET MARIE LOUISE.

A fine lot of thrifty, field-grown plants now established in 4-in. pots, **$1 25** per doz.; **$8.00** per 100; **$75 00** per 1000.

HARDY HERBACEOUS PLANTS.

We are headquarters for these popular plants. Write us for anything that you may require in this line

For best values in DECORATIVE PLANTS see our Quarterly Wholesale List.

HENRY A. DREER, - PHILADELPHIA, PA.

Mention The Review when you write.

WM. MURPHY,

Grower and Wholesaler of **Carnations**

We are now in a position

TO SHIP CUT BLOOM DIRECT

from greenhouses.

Murphy's White Cut Bloom in quantity. The earliest, freest White Carnation to date. 50,000 cuttings sold for January delivery. Can handle orders for 50,000 more for same date. $6.00 per 100, $50.00 per 1000. Discount on 5000 to 10,000 lots.

OUR NEW ADDRESS IS

130 East 3rd St., CINCINNATI, OHIO.

Mention The Review when you write.

Vegetable ....Plants

CABBAGE—Jersey and Chas. Wakefield, Early and Late Flat Dutch, Succession and Drumhead, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE—Big Boston, Grand Rapids, Boston Market, and other varieties, 15 cts. per 100; $1.00 per 1000; $8.50 per 10.000.

CELERY—In varieties, 15 cts. per 100; $1.00 per 1000.

LEEK—15 cts. per 100; $1.00 per 1000.

PARSLEY—Strong, 40c per 100; $1.50 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

Mention The Review when you write.

Mum Stock Plants

White and Yellow Fitzwygram; White, Yellow, Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wanamaker, Sunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Perrin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100.

Stock will be shipped as soon as cut down.

POEHLMANN BROS. CO.

MORTON GROVE, Cook Co., ILL.

Mention The Review when you write.

Rooted Cuttings of ROSES

WILL BE READY WHEN YOU READ THIS.

Write us your wants.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of **Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits** in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

C.C. POLLWORTH CO.'S
IMPROVED-CUT FLOWER BOX
FULL TELESCOPE

WHEN IN NEED OF
BOXES

Try our improved folding box, with superior white finish and improved corner lock.

☞Samples free on application. No charge for printing in 500 lots or over.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

BUTTE, MONT.

We are fortunate in not having any dull summer season here. We have the finest sweet peas in the world and are receiving thousands daily which we retail at never less than 75 cents per 100. For the last ten days flowers have been exceptionally scarce, but we are getting caught up now. Chrysanthemums have made their appearance. Outdoor stock has been frozen up for the past month.

The stock at the Gregson plant of the Butte Floral Co. looks fine and the mums promise to be the best ever seen here. The carnations are also unusually promising.

Law Bros. and the State Nursery also report good trade, their stocks keeping well cleaned up.

Mr. Kirkham could not change his name, so he got Miss O'Leary to change hers to his. Best wishes of all the boys.

The country was too much for Paul Berkowitz. A couple of ranchers saw his price list sticking out of his pocket and held him up, thinking he carried a wad of money. He will keep that price list out of sight next time.

Mr. Hanson, formerly with the Columbia Gardens under Mr. Siegel, has taken charge of W. A. Clark's private conservatories and is making a fine showing. He succeeded Archie Elliott, who has gone east.

As usual we are all busy with funeral work, and fill in with society events. Quite a stir in society circles lately.

Rambler.

BOILER AND PIPING.

In reply to A. C. B., for the heating of the greenhouse 46x16 feet with soft coal for fuel, a vertical direct draft boiler would be best suited, one having a grate area of about 18 or 20 inches in diameter. Two inch wrought iron pipe should be used for coils, using five lines under the south bench, three lines under the middle bench and four lines under the north bench.

The cost of the boiler would entirely depend upon the make selected, a fair approximation, however, would be about $70. The pipe and fittings, together with expansion tank, would cost probably in the neighborhood of $120. Of course, it is understood that these prices are only approximated, and are based on the cost ruling in any of our larger commercial centers.

New York. Henry W. Gibbons.

CANNAS

Strong Field-Grown Clumps.

Duke of Marlborough, Florence Vaughan, President Cleveland, Charles Henderson, A. Bouvier, Robert Christie, Queen Charlotte, Sophie Buchner, and Austria, $15.00 per 100.

Egandale, Souv. de Antoine Crozy, Sam Trelease, President Carnot, Chicago, Beaute Poitevine, and Martha Washington, $25.00 per 100.

Save heavy express charges by ordering at once by freight.....

The STORRS & HARRISON CO.
PAINESVILLE, OHIO.

..GERANIUMS..

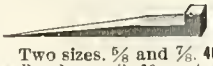
Good Assortment, Standard Varieties, from 2¼-in. pots, $2.00 per 100.

	100
Giant Double Alyssum, 2¼-inch pots	$2.00
Dwarf " " 2¼-inch pots	2.00
Hardy English Ivy, 2¼-inch pots	2.00
Swainsona Alba, 2¼-inch pots	2.00
Baby Primrose, 2¼-inch pots	2.00
Lemon Verbena, 2¼-inch pots	2.50
Ageratums—Stella Gurney and Dwarf White, 2¼-inch pots	2.00
Abutilon, in variety, 2¼-inch pots	2.50
Alternanthera, in variety, 2¼-inch pots	2.00
Coleus, in variety, 2¼-inch pots	2.00
Lantana, 10 varieties, 2¼-inch pots	2.00
Smilax, 2¼-inch pots	2.00
Salvia Silver Spot, 2¼-inch pots	2.00

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.



SIEBERT'S ZINC NEVER RUST GLAZING POINTS

Two sizes, ⅝ and ⅞. 40c a lb.; by mail, 16c extra. 7 lbs. for $2.50; 15 lbs. for $5.00, by express.

Over 6,000 lbs. now in use. For sale by seedsmen or

CHAS. T. SIEBERT, Sta. B, Pittsburg, Pa.

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REDUCED PRICES ON
FIELD-GROWN CARNATIONS!

Triumph, Morning Glory, Joost, Marquis, Prosperity and Genevieve Lord, at $5.00 per 100.

Stock Plants. Chrysanthemums.

White and Yellow Fitzwygram, Ivory, Dalskov, White and Yellow Jones, Bergmann, Robinson, Primo, Lady Harriet, Willowbrook, Monrovia, Opah, Parr, Polly Rose, Golden Wedding, Bonnaffon, Pierson, Appleton, Halliday, Mrs. E. D. Smith, Eaton, at $8.00 per 100.

Boston Ferns 2½-inch at $6.00, 3-inch at $10.00, 4-inch at $15.00, 5-inch at $25.00, 6-inch at $50.00, 7-inch at $100.00, 8-inch at $125.00 per 100.

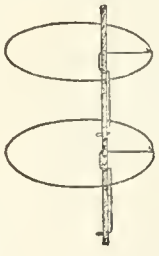
Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

Mention The Review when you write.

THADEN'S WIRE TENDRIL

TESTIMONIALS.



From A. Gude & Bro., Washington, D. C., April 11, 1902. "In reply to your inquiry of March 19 in reference to the Wire Tendril, we beg to say that we find them very satisfactory in every respect.

AWARDED
CERTIFICATE OF MERIT
at the
Asheville Convention of the
S. A. F. and O. H.

Sample package of 100, by mail prepaid, 60 cents.

H. THADEN & CO.
472 W. Hunter St., ATLANTA, GA.

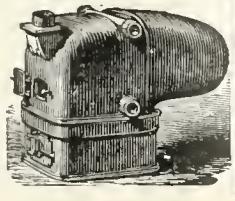
THE E. G. HILL CO.
Wholesale Florists,
RICHMOND, INDIANA.

Mention The Review when you write.

WALTER MOTT SEED & BULB CO.,
Jamestown, N. Y.

SEND FOR CATALOGUE.

Mention The Review when you write.



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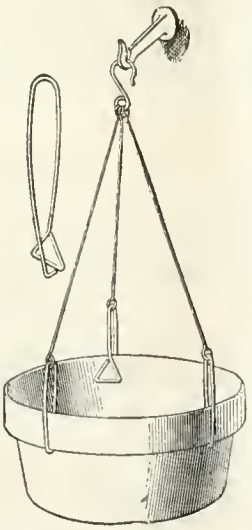

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G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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J. Austin Shaw, Manager.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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DAYTON, O.—J. C. Bear, the nurseryman, died at his home near this city Sept. 15, of typhoid fever. He is survived by a widow and seven children, five of whom are dangerously ill with the same disease.

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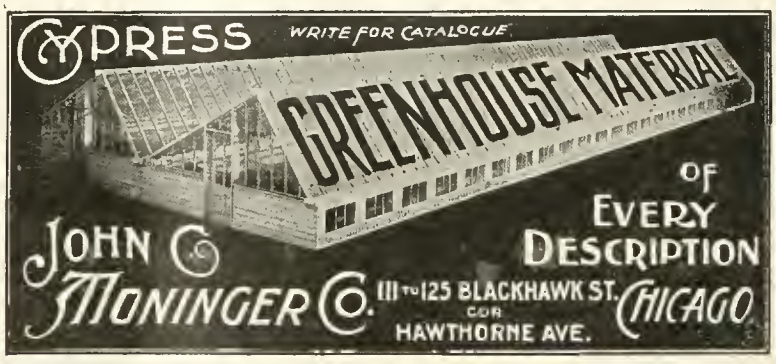

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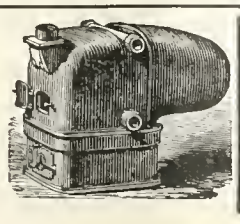

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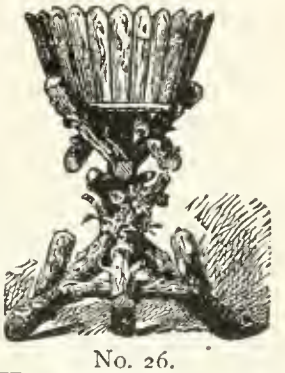

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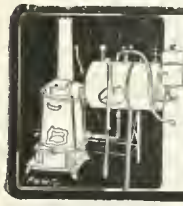

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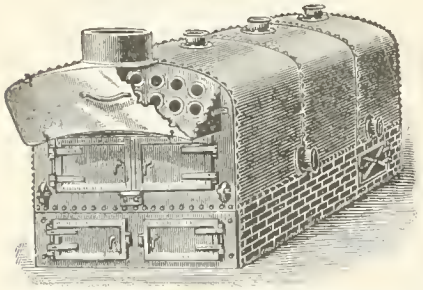

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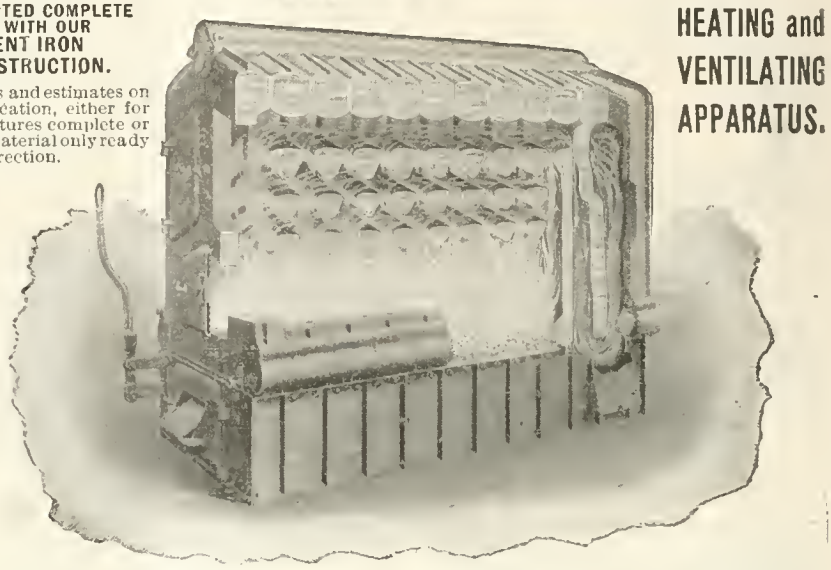

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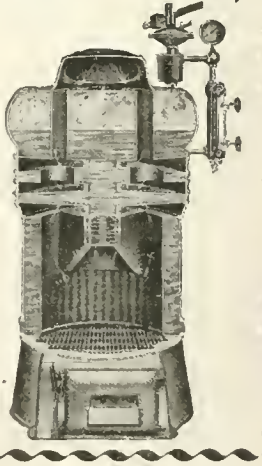

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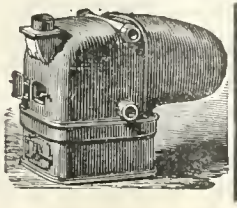

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THE WEEKLY
FLORISTS' REVIEW

Watson B. M.
Jamaica Plain 261

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Vol. X. CHICAGO AND NEW YORK, NOVEMBER 6, 1902. No. 258.

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French Roman White, 11x12	$1.50	$14.00
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Italian White Hyac., fine for flowering after Xmas. 13x16	2.20	20.00
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Calla Ethiopica. A few thousand left. We offer to clear at 25 per cent. less regular price. 4x6 in. circ. $4.50 per 100; $40.00 per 1000. 5x7 in. circ., $6.00 per 100; $50.00 per 1000. Monsters, $1.00 per doz.; $7.00 per 100.

Seeds. **Araucaria Excelsa** Seed fresh from Australia, doz., 25c; 100, $1.00; 1000, $7.00; 5000, $30.00. **Kentia** Belmoreana and Forsteriana, 100, 50c; 1000, $3.50.

SHASTA DAISY, the coming **CUT FLOWER,** 100 seeds, 25c; 1000, $2.00.

California-grown **Sweet Pea** Seed, florists' forcing sorts, 25c per lb.

Address **H. H. BERGER & CO., 47 Barclay Street, NEW YORK.**

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Planting Pips, one year old, **$2.00** per 1000. Planting Pips, two years old, **$4.00** per 1000.
These are very fine home-grown roots. Write for quotations on large quantities.

CHRYSANTHEMUM STOCK PLANTS.

NOW IS THE TIME TO BUY Chrysanthemum Stock Plants. I offer the following at **10c** each; **$1.00** per doz; **$8.00** per 100:

WHITES—Early—George J. Kalb, Polly Rose, Willowbrook. **Midseason**—Mrs. Robert Craig, Mrs. F. A. Constable, Miss Minnie Wanamaker, Mrs. H. Robinson, Nevius, Queen, Ivory, Mme. Carnot, Mrs. N. Molyneux. **Late**—Mrs. McArthur, Mrs. Jerome Jones, Mutual Friend, Adula, Barbara Forbes.

PINKS—Early—Glory of the Pacific, Elvena. **Midseason**—Pink Ivory, Mrs. J. K. Shaw, Adele, Mrs. Perrin, Mrs. H. Wright, Viviand-Morel. **Late**—Maud Dean, Xeno, Autumn Glory, Ermenilda, Lavender Queen, The Harriott.

YELLOW—Early—Monrovia, J. E. Lager. **Midseason**—G. Pitcher, H. Hurrel, Soliel d'Octobre, Gold Mine, Golden Wedding, Golden Gate, Modesto, G. Bramhall, Yellow Mayflower, Philadelphia. **Late**—Eug. Dailledouze, H. W. Rieman, Maj. Bonnaffon, Liberty, Mrs. Trenor L. Park.

RED—Cullingfordii, Intensity, Black Hawk.

BRONZE—Harry May, Hicks Arnold, Kate Broomhead, Golden Gate.

The following choice varieties at 15c each; **$1.50** per doz.; **$10.00** per 100:—Malcolm Lamond and Geo. W. Childs, Red. Timothy Eaton and W. H. Chadwick, Late White. Mrs. G. F. Baer, Late Yellow. Col. D. Appleton, Yellow, Midseason.

A. N. PIERSON, - - Cromwell, Conn.

STOCK PLANTS -- CHRYSANTHEMUM -- "Estelle"

The early wonder, Pure White, very large. Ready to cut Oct. 4th. Sport of Glory Pacific, longer stem, better foliage, builds high in center. Awarded Certificate of A. C. S., at Cincinnati, Oct. 18, 1902.

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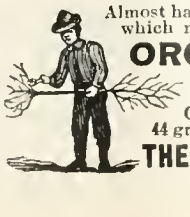
E. G. GILLETT, WHOLESALE FLORIST, 113 East Third Street, **CINCINNATI, O.**

50c each; $5.00 per doz.; ½ doz. at dozen rate. (Cash with order.)



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THE EXHIBITIONS.

NEW YORK.

The Exhibition.

The great Flower and Sculpture Exhibition at the Madison Square Garden in New York opened on schedule time, Thursday evening last, "in all its glory," and never was Solomon, or Solomon's Temple, arrayed more artistically, nor has there ever been seen in this country, as was promised, such a beautiful combination of art and nature as greeted the eye on entrance to the great amphitheater, lighted with myriads of electric lights and ablaze with color and decoration.

It was an anxious day for managers, lieutenants and helpers, and until afternoon chaos reigned. In fact, darkness fell and the clock pointed threateningly to eight when the finishing touches were made, and though not all was perfect, everything was presentable, and the throng of visitors saw only the finished whole and were satisfied.

One of the metropolitan papers on Friday morning saw things through uneducated eyes and did a little uncalled for "knocking," but the majority had only praise for what had been accomplished, and since the beginning every newspaper in the city has given its favorable criticism. Still up to Sunday night the attendance was not what the Florists' Club had a right to expect, and it is a question if blase New York has another opportunity for many a day to "look upon its like again!"

The list of awards appears below. The silver medal goes to the Pierson fern and the bronze medal to the Dale Estate's new rose, the "Canadian Queen." Saturday there arrived the English chrysanthemum exhibit—a lot of grand flowers in excellent condition, many of them seedlings, but all of them on Sunday night christened and decorated by the manager with names of kings, queens, lords and generals of old England, that ought to make them immortal.

The illustrations which accompany this letter, tell better of the profusion of decoration, artistic arrangement, sculptural effect and general beauty than any words can convey. The facile pen of William Scott will doubtless paint a picture that will please and interest you.

Such weather, too as the show has had must have been "made to order." It continues perfect and it is no credit to New York that 10,000 people daily do not see this exhibition.

The judges were: On plants, William Falconer, William Nicholson and William Taplin; on cut flowers, William Scott, Edwin Lonsdale and J. L. Powell; on chrysanthemums, W. G. Gomersall, W. Barth and Phil. Breitmeyer. Their decisions met with general approval.

Some novelties never before exhibited here were in evidence, notably the Canadian Queen rose, shown by the Dale Estate, Brampton, Ont.; the Mlle. Marie Liger mum, shown by the E. G. Hill Co., of Richmond, Ind., and the Enchantress carnation, shown by Peter Fisher, of Ellis, Mass.

The Alice Roosevelt carnation, by Dailledouze Bros., of Flatbush, and the President Roosevelt carnation, by C. W. Ward, of Queens, were greatly admired.

The Chicago Carnation Co. sent Harlowarden and Marshall Field 1,000 miles and they stood the long journey remarkably well.

In the trade exhibit many of the local supply people were well represented and the display was interesting and instructive.

The exhibition of chrysanthemums on Monday was superb.

The attendance on Monday was excellent.

E. G. Hill came all the way from Indiana with his new mum and was a welcome visitor. So was Peter Crowe, of Utica, whose good nature and rotund personality show no signs of retrogression.

Visitors included Peter Fisher, of Ellis, Mass.; William Falconer, of Pittsburg; Edwin Lonsdale, of Philadelphia; W. W. Edgar, of Boston; M. A. Patten, of Tewkesbury, Mass.; W. H. Taplin, of Holmesburg, Pa.; William Nicholson, of Boston; W. F. and A. Gude, of Washington, and John Chambers, of Toronto. There were also many others from a distance visiting the exhibition.

Phil. Breitmeyer appeared at the garden on Sunday—a fitting day for Detroit's representative to arrive—and will take in the big show for some days, and get a glimpse of Boston's and Philadelphia's exhibitions before he returns.

William Scott fulfilled his judging duties to everybody's satisfaction and returned to Buffalo Sunday, as much charmed with the show as were his many friends with his uniform geniality. If there had been any medals given for the most popular judge, Mr. Scott would have had a gold one.

The Awards.

DECORATIVE PLANTS.

Group of foliage plants covering 400 square feet, 1st, $100, J. Roehrs; 2nd, $50, Siebrecht & Son.

Group of foliage plants covering 200 square feet, 1st, $50, Anton Schultheis; 2nd, no award.

Twelve stove and greenhouse foliage plants, 1st, $25, D. Willis James; 2nd, $15, S. Untermyer.

Six specimen dracaenas, distinct varieties, 1st, $15, D. Willis James.

Three specimen dracaenas, distinct varieties, 1st, $7, S. Untermyer.

One specimen Dracaena Sanderiana, 1st, $10, D. Willis James; 2nd, $5, S. Untermyer.

One specimen Dracaena Godseffiana, 1st, $7, D. Willis James; 2nd, $5, S. Untermyer.

Six specimen anthuriums in bloom, 1st, $10, no award; 2nd, $5, S. Untermyer.

Three specimen pandanus, distinct, 1st, $10; S. Untermyer.

One specimen pandanus, any variety, bronze medal, S. Untermyer.

One specimen Cyanophyllum magnificum, 1st, $10, no award; 2nd, $5, Mrs. Charles Pratt.

Six specimen palms, distinct varieties, 1st, silver medal, J. Roehrs; 2nd, bronze medal, S. Untermyer.

Specimen kentia, any variety, 1st, $25, Siebrecht & Son; 2nd, $15, J. Roehrs.

Specimen areca, any variety, 1st, $20, no award; 2nd, $10, J. Roehrs.

Specimen Latania Borbonica, 1st, $20, no award; 2nd, $10, J. H. Troy.

A Corner at the New York Show.

Specimen phoenix, any variety, 1st, $20; Mrs. Chas. Pratt; 2nd, J. Roehrs.

Specimen palm, any variety, 1st, $25; Siebrecht & Son; 2nd, $15; S. Untermyer.

Pair of tree ferns, 1st, $50, J. Roehrs.

Specimen Nephrolepis exaltata Bostoniensis, 1st, $10, E. D. Adams; 2nd, $5, J. Roehrs.

Specimen Goniophlebium subauriculatum, 1st, $15, E. D. Adams.

Table of decorative and foliage plants covering 15x3 feet of space, 1st, $15, J. Roehrs; 2nd, $10, Anton Schultheis.

Specimen Cibotium Schiedei, 1st, $10, S. Untermyer.

Specimen fern, any variety, tree fern excepted, 1st, $10, E. D. Adams; 2nd, $5, J. Roehrs.

Group of bamboos, silver medal, J. H. Troy.

Six nepenthes, 1st, $10, S. Untermyer.

Display of cacti, silver medal, Frank Weinberg.

Twelve specimen geraniums in pots, 1st, $25, William Brennecke.

Basket of Begonia Gloire de Lorraine, 1st, silver medal, J. Roehrs; 2nd, bronze medal, A. Iselin, Sr.

Specimen Ficus elastica, 1st, silver medal, D. O'Mara.

ORCHIDS.

Group of orchids and foliage plants arranged for effect, occupying 150 square feet, 1st, gold medal, J. Roehrs; 2nd, silver medal, Siebrecht & Son.

Largest and most varied display of orchids, 1st, $100, Lager & Hurrell; 2nd, $60, Siebrecht & Son.

Six plants Cattleya labiata, 1st, $10, Siebrecht & Son.

Twelve plants Oncidium varicosum, 1st, $10, Siebrecht & Son.

HARDY AND HALF-HARDY EVERGREENS.

Pair of standard bay trees, 1st, $10, Bobbink & Atkins; 2nd, $5, J. Roehrs.

Pair of pyramid bay trees, 1st, $10; J. Roehrs; 2nd, $5, Bobbink & Atkins.

Six half-hardy evergreens, 1st, silver medal, Bobbink & Atkins.

Specimen conifer, bronze medal, Bobbink & Atkins.

Fifty hardy evergreens and conifers, arranged for effect, 1st, $15, Bobbink & Atkins.

Window box, arranged for winter outdoors, 1st, silver medal, Bobbink & Atkins.

CHRYSANTHEMUM PLANTS.

Three bush plants, distinct, special prize, $25, James Crosby Brown; special prize, $10, Geo. Middleton.

One specimen bush, pink, special prize, $10, James Crosby Brown.

One specimen bush, white, special prize, $10, James Crosby Brown.

One specimen bush, yellow, in pots not to exceed 11 inches, not less than 1 inch of stem to show above surface, special prize, $10, George Middleton; special prize, $5, James Crosby Brown.

Group of chrysanthemum plants covering 100 square feet, foliage plants to be used for

Twelve blooms bronze, any variety, 1st, $8, H. McK. Twombley; 2nd, $4, E. D. Adams.

Twelve Timothy Eaton, 1st, $8, J. Condon; 2nd, $4, Rowayton Greenhouses.

Twelve Merza, 1st, $8, Mrs. Geo. Lewis.

Twelve Mrs. Barclay, 1st, $8, C. F. Dieterich.

Twelve Bonnaffon, 1st, $8; C. F. Dieterich; 2nd, $4, Rowayton Greenhouses.

Sixty blooms, six of each, silver cup, valued at $50, D. Willis James.

Twenty-five white, any variety, 1st, $15, H. McK. Twombley.

Twenty-five pink, any variety, 1st, $15, H. McK. Twombley; 2nd, $10, H. Weber & Son.

Twenty-five any other color, 1st, $15, H. McK. Twombley.

Twenty blooms to a vase, arranged for effect, palms, ferns or other foliage may be used, 1st, $15, D. Willis James; 2nd, $10, J. Condon.

Thirty-six blooms, 6 varieties, 6 of each, 1st, $25, C. F. Dieterich; 2nd, $15, H. McK. Twombley.

ROSES, CUT BLOOMS.

Twenty-five American Beauty, 1st, $25, Righter & Barton.

Fifty Bridesmaid, 1st, $15, John R. Taylor.

OPEN TO PRIVATE GARDENERS ONLY.

Twenty-five American Beauty, 1st, $25, no award; 2nd, $15, W. L. Stow.

Twelve American Beauty, 1st, $10, Edwin Jenkins; 2nd, $5, W. L. Stow.

Twelve Bridesmaid, 1st, $3, Edwin Jenkins; 2nd, $2, C. F. Dieterich.

Twelve Brides, 1st, $3, C. F. Dieterich.

Twelve Kaiserin, 1st, $3, Edwin Jenkins.

Twelve Liberty, 1st, $3, George Middleton.

Twelve Perle, 1st, $3, W. L. Stow.

Twelve Mrs. Pierpont Morgan, 1st, $3, C. F. Dieterich; 2nd, E. D. Adams.

Chrysanthemum Blooms at the New York Show.

border effect, 1st, $50, J. Condon; 2nd, $25, Anton Schultheis.

Twenty-five single stem plants, assorted, 1st, $15, J. Condon; 2nd, $10, D. Willis James.

One standard, any color, length of stem not less than 3 feet, 6 inches, 1st, $15, James Crosby Brown; 2nd, $10, Geo. Middleton.

CHRYSANTHEMUM CUT BLOOMS.

Twelve Mrs. Henry Robinson, 1st, $8, H. McK. Twombley; 2nd, $4, Edward J. Taylor.

Twelve Mrs. H. Weeks, 1st, $6, D. Willis James.

Twelve any other white, 1st, $8, C. F. Dieterich.

Twelve Viviand-Morel, 1st, $8, H. McK. Twombley.

Twelve Mrs. Coombes, 1st, $8, H. McK. Twombley; 2nd, $4, George Middleton.

Twelve Mrs. Perrin, 1st, $8, T. J. Taylor.

Twelve any other pink, 1st, $8, C. F. Dieterich; 2nd, $4, H. Weber & Sons.

Twelve Col. D. Appleton, 1st, $8, C. F. Dieterich; 2nd, $4, E. D. Adams.

Twelve Jeannie Falconer, 1st, $8, H. McK. Twombley; 2nd, $4, J. A. B. Widener.

Twelve any other yellow, 1st, $8, C. D. Borden.

Twelve Geo. W. Childs, 1st, $8, H. Weber & Son.

Twelve any other crimson, 1st, $8, C. F. Dieterich.

CARNATIONS—PRIVATE GARDENERS ONLY.

Twenty-five scarlet, 1st, $3, S. Untermyer; 2nd, $2, J. A. B. Widener.

Twenty-five crimson, 1st, $3, J. A. B. Widener; 2nd, $2, M. C. D. Borden.

Twenty-five white, 1st, $3, M. C. D. Borden; 2nd, $2, J. A. B. Widener.

Twenty-five yellow variegated, 1st, $3, Geo. Middleton.

Twenty-five white variegated, 1st, $3, M. C. D. Borden.

Twenty-five dark pink, 1st, $3, J. A. B. Widener; 2nd, $2, W. L. Stow.

Twenty-five light pink (lighter than Scott), 1st, $3, J. A. B. Widener; 2nd, $2, W. L. Stow.

Vase of 100 blooms in variety, any colors, to be arranged for effect, bud and foliage to be used, seedlings admissible, 1st, $10, D. Willis James; 2nd, $5, George Middleton.

CARNATIONS—OPEN CLASSES.

Fifty, Mrs. Thomas W. Lawson, 1st, $5, S. J. Reuter; 2nd, $3, C. W. Ward.

Fifty William Scott, 1st, $5, John Reimels.

Fifty any other dark pink, seedlings admissible, 1st, $5, C. W. Ward; 2nd, $3, John Reimels.

Fifty Morning Glory, 1st, $5, John Reimels.

Fifty Genevieve Lord, 1st, $5, John Reimels.

Fifty any other pink, 1st, $5, Dailledouze Bros.; 2nd, $3, John Reimels.

Fifty Roosevelt, 1st, $5, Dailledouze Bros.

Fifty Harry Fenn, 1st, $5, Dailledouze Bros.

Fifty any other crimson, seedlings admissible, 1st, $5, John Reimels.

Fifty Crane, 1st, $5, A. V. P. Snyder; 2nd, $3, John Reimels.

Fifty Flora Hill, 1st, $3, John Reimels.

Fifty any other white, seedlings admissible, 1st, $5, Dailledouze Bros.

Fifty Prosperity, 1st, $5, J. H. Taylor; 2nd, C. W. Ward.

Fifty any yellow variegated variety, seedlings admissible, 1st, $5, Dailledouze Bros.; 2nd, $3, John Reimels.

Vase of 100 white, 1st, $10, S. J. Reuter.

Vase of 100 variegated yellow ground, 1st, $10, Dailledouze Bros.

One hundred seedlings, one variety, any color, not yet introduced to commerce, arranged in one vase with buds and foliage for effect, 1st $25, J. D. Thompson Carnation Co.

Best display of carnations, not less than 6 varieties and not less than 50 open blooms to each vase, one variety in vase, to be arranged for effect in one group, buds and carnation foliage to be used, seedlings admissible, exhibitor to be allowed to use his own vases; to be staged on Saturday, November 1, by 11 a. m.; keeping qualities to be judged on Sunday following at 10 a. m., after which withered and sleepy blooms to be removed and replaced by fresh blooms, and exhibit to be kept in fresh condition until close of exhibition, 1st, gold medal, C. W. Ward.

Vase of 50 blooms to be arranged for effect with buds and foliage, the most distinct and most strikingly marked variety, any color, 1st, silver medal, C. W. Ward; 2nd, bronze medal, C. W. Ward.

MISCELLANEOUS AWARDS.

S. A. F. silver medal for "New and meritorious plant of American origin" to F. R. Pierson Co., for Nephrolepis Piersoni.

S. A. F. bronze medal, in same class as above, to Dale Estate, for new rose, "Canadian Queen."

Silver medal to H. A. Dreer, Philadelphia, for Pandanus Sanderi.

Certificate of merit to Wadley & Smythe for specimen rhapis and specimen ficus.

Certificate of merit to Chas. Zeller & Sons for group of orange trees.

Silver medal to J. H. Troy for collection of Japanese plants.

Certificate of merit to Bobbink & Atkins for boxwood.

Certificate of merit to L. H. Foster for Anna Foster fern.

Certificate of merit to Perry Belmont for cut gardenias.

Best and largest collection of greenhouse grapes, 1st, $20, Miss Olive Hoyt.

Two bunches black grapes, 1st, $5, Miss Olive Hoyt.

Fifty dark pink carnations, 1st, $5, H. Weber & Son.

Fifty crimson, 1st, $5, Patten & Co.

Fifty scarlet, 1st, $5, Patten & Co.

Fifty white, 1st, $5, H. Weber & Son; 2nd, $3, Patten & Co.

Fifty white variegated, 1st, $5, Peter Fisher.

Fifty yellow variegated, 2nd, H. Eichholz.

Fifty any color, 1st, $10, Thompson Carnation Co.; 2nd, $5, H. Weber & Son.

Various Items.

Bradshaw & Hartman have "taken time by the fetlock" and anticipated Christmas by giving the New York retailers some holly for Thanksgiving. As they have a car load of it, there may be a box or two to spare for enterprising outsiders.

At last report Mr. John Young had decided that the "judgment day" at Kansas City would have to "come" without him, as business engagements made it impossible for him to fulfill his intended duties at the great western exhibition.

Condon's mum exhibition in Brooklyn began on Saturday last and runs over two weeks. As it is free, and always a fine show, there will be no doubts about the attendance.

The business automobile is becoming necessary in every "bon ton" florists' family. The latest to appear is Warrendorff's on Broadway.

J. Austin Shaw.

Don't miss having a strong adv. in our Thanksgiving Number, to be issued next week, and mail copy at once.

General View of the New York Show.

IMPRESSIONS OF THE NEW YORK SHOW.

I am well aware that your able New York correspondent will give you the fullest details of the Madison Square "Flower and Sculpture Exhibition;" yet as I looked forward very much to seeing it, and have little else to say this week, I may be excused for a few comments on what appealed to me.

When I entered the immense building about noon Thursday all was chaos, and a herculean task was before the committee. I thought if Mr. Harry Bunyard came out of this without a collapse, he should be exhibited as a remarkable phenomenon. Order gradually came and by 6 o'clock, when the doors were opened, there was little evidence of the confusion that reigned a few hours before, yet it was another twenty-four hours before the thing looked finished. This was not the committee's fault, as but little time was given them to build the arches, etc., and put on the decorations. Yet there were flagrant cases of exhibitors holding back their exhibits until they saw what other firms were going to show.

The committee of judges on cut flowers, of which I was one, followed strictly the clause in the rules which said, "All exhibits shall be correctly named." It was harsh and severe, and many vases of carnations were ignored, whatever their quality, simply because they had no name attached. This no doubt carried a lesson for the future, but why not then enforce another rule and regulation, which read, "All articles for competition must be in position on Thursday, October 30, by 12 noon." The latter is far more important, but was ignored, and perhaps always will be, yet it seems only reasonable that if one rule is winked at, all might be.

The display of orchids by Lager & Hurrell and Henry Siebrecht & Son was grand. The group of Nephrolepis Piersoni was only what you would expect from the beautiful fern, and if it had had a setting of white paper instead of oak leaves and sawdust, it would have been far more effective. There was a splendid specimen of another new nephrolepis exhibited by Mr. John Scott, of Brooklyn, which he calls Nephrolepis Scottii. I admire the name, and the plant was a beauty, a narrower frond than Bostoniensis and more drooping, a wonderfully effective specimen and grown in an 8-inch pan. Nephrolepis Anna Foster was also well represented, but the fact is these contemporary nephrolepis are sadly handicapped this year by the gem that began its existence in Tarrytown.

There was a display of garden vegetables by Mr. Duckham, so excellent in quality and variety that I lived back forty-five years to the time when I jumped over beds of leeks, salsify and celery to make a short cut to the walls where there were waiting for my thieving hand some lucious peaches and nectarines. There are some temptations in life when conscience is a dumb organ or gone on a visit, and a boy and fruit is one of them.

I am no judge of statuary, perhaps slightly of the living, but in stone or bronze, I pass. I think what little there was of it was a relief to the sombre green of palms and evergreens which occupied the greater part of the space. "The Father of His Country" on a charger was the most conspicuous object in that line and the color of the horse gave you the impression that the boys had thrown a shower of eggs at it and succeeded in their marksmanship. In a horse sale catalogue it would be described as a "dun splashed with yellow," but perhaps it was just as art decrees, and so with all the rest, I needed a higher education to properly appreciate the display of statuary.

Now what I am going to say about the chrysanthemums, carnations and roses is written with no attempt to criticize or be funny or unjust, but with a sincere desire to be truthful to the facts as they existed. The rose show was not as good in quantity or quality as any one of a dozen growers could have made singly had they so been inclined, and but for the fine exhibit of Canadian Queen from the Dale Estate, it would have been ridiculous. One hundred dollars for 100 American Beauties, and not an entry. In classes for 50 blooms of roses, nine classes, there was just one exhibit, Bridesmaid. Mr. J. N. May offered $100 for 50 blooms of Mrs. Oliver Ames. Not one bloom of this variety was to be seen. American Rose Co. offered $100 for 50 blooms of Ivory. We failed to find a flower of this fine white rose.

The carnations, considering the earliness of the season, were far better represented than the roses, both in quantity and quality. Some fine vases of Lawson were staged, but the gem of the collection were two vases of Enchantress all the way from Joliet. Coming this distance and looking well, even on Sunday, speaks well for this grand variety. Mr.

C. W. Ward did wonders to help out the carnation part of the program. His vase of President Roosevelt was splendid. Without looking at it very closely it looks like Governor Roosevelt, and let us hope, as the governor was promoted to a loftier station, in fact the pinnacle, that this new carnation possesses such qualities as merit its dignified name. Further Mr. Ward brought in on Saturday a superb collection of varieties of carnations. They were beautifully arranged in vases on a circular table some ten or twelve feet across. It was a gem of an exhibit and a bright, particular oasis of color.

If I were to criticize Mr. Ward verbally about the naming of his carnations he would stick his hands deep in his trousers pockets, jerk back his shoulders, give a short cough and talk me down, and in three minutes I should be glad to say, "I guess that's right." When the keeper of a hotel(?) in Montana said to the tenderfoot, late of Harvard, "Them hills is all paying dirt," the ex-student replied, "Excuse me, sir, let me correct you; *those* hills are all paying dirt." The keeper of the hotel placed a large gun on the bar and said, "I'll bet you a hundred dollars it's *them* hills." Then the tenderfoot rubbed his chin, looked thoughtful and replied, "Come to remember, I believe you are right." There would be no gun in our discussion, but considerable hot air, so I protest this way, as many others have remarked, that there are many Roosevelts. There are Alice and the Misses and His Excellency in two characters. How easily this could be shown to be unwise, and it will lead to no end of confusion, both verbally and in correspondence. If ever there were a nation that had a weakness for abbreviating names it is ours. General Jacqueminot is simply "Jack" and Souvenir de President Carnot is nothing more than "Carnot" to ninety-nine per cent of rose growers and buyers. And these four carnations will be merely "Roosevelt." There are the planets, the rivers of the country, the women of Dickens, the heroines of Shakespeare, all to be preferred and exhausted before we get down to personal names.

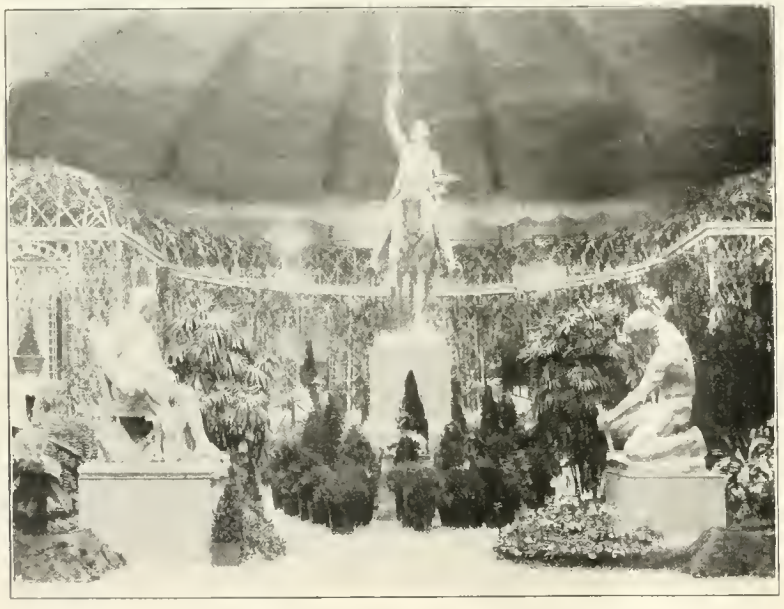
There were some good vases of mums, but nothing in quantity as I expected to see, and I think those two splendid gardeners (a gardener is a professional man; a florist is only a tradesman) Mr. Herrington and Mr. Duckham, very largely contributed to the display of these. The old standard varieties that were greatly in evidence and fine in quality, were Bonnaffon, Appleton, Robinson, Viviand-Morel and Mrs. Weeks. Among the newer ones that I thought improvements over their existing types were A. J. Balfour, a beautiful rose pink; Miss Alice Byron, better and earlier than Robinson; Carnot, a wonderful white for exhibition.

I must not forget two splendid vases of Mlle. Liger, shown by E. G. Hill Co., something resembling a well grown, mature Maud Dean, but a heavier flower of fine form, and I should say about right by the 20th of November. This will be a most valuable commercial variety. C. J. Salter beats the well known Appleton; Mrs. J. C. Neville is better than Mrs. Weeks, a wonderful flower; Mrs. T. W. Pockett is a glorious flower; Mrs. Coombes is another variety that we will all grow. It's a far better color than Viviand-Morel, of great size, and follows Glory of the Pacific. Among the very newest I noticed the Australian variety "Durban Pride," a light pink, twenty-seven inches in circumference and solid.

As six hayseeds were crossing the North river Saturday morning on their way to Madison Square Garden, the noble ship Campania passed in front of our ferry boat, a beautiful sight with her upper decks crowded with home comers from a distant land, hearts beating high with joy to see again their dear ones and bless the leviathan that had brought them safely across the ocean. Little did we think that on our return to the show at 3 o'clock we should see on a table about two dozen magnificent flowers in absolutely perfect order, and they had come over on the Campania from Surrey, England. This is wonderful! The varieties were all under number, or nearly all. I can only say that many of them eclipsed in beauty and size anything we have in chrysanthemums up to date.

When you were up in the gallery the whole scene below was pretty, but how meager the exhibition to what it might and should have been. Mr. Bunyard, the manager, Mr. Sheridan, the president, a most courteous gentleman, and the bright secretary worked hard, and perhaps all the committees did, but where, oh, where, was one of the score of first-class retailers? Where could be found one exhibit of the many wholesalers? And with the exception of a very few, where was the army of growers that can be found within twenty miles of Greater New York? The weather was glorious, no excuse. What is the matter? It's not for an outsider to say, for all reforms must come from within.

William Scott.



Statuary and Evergreens at the New York Show.

CHRYSANTHEMUMS.

Varieties at the New York Flower Show.

Speaking generally, the standard of the cut flowers seems lower than last year, though there are some notable exceptions. By lower, I mean that the general run of the flowers seems hardly as large as last season. The show as a whole will doubtless be dealt with by your regular correspondents, and I will merely note the most prominent varieties in the exhibition classes.

Appleton was shown finer, I venture to say, than it has ever been shown before, and of excellent finish. It was superb. Robinson was not very strongly represented, which is not surprising, considering that many growers had been cutting this variety three weeks before the show. Nellie Pockett was set up in very fine shape, as were also Carrington, Faleoner (or Peter Kay, as some still insist on calling it), Mrs. Weeks, H. J. Jones, Mme. Carnot and Alice Byron.

In a class arranged for effect many of the novelties I recently described in these notes made a conspicuous showing. They included Charles Longley, purple; Millicent Richardson, purple; C. J. Salter, yellow; Durban's Pride, a light pink, 25½ inches in circumference, but a little weak in the neck for the immense flower to hold itself erect; Mabel Morgan, a fine yellow; Edith Pilkington, yellow, and several others.

Mrs. Coombes, considering that it was fully developed three weeks ago, was set up in first-class shape. This variety will become the standard early pink without question. To its other virtues it adds the excellent one of being one of the best keepers of all the pink varieties. A large exhibit of the new pink Mlle. Marie Liger was set up from the E. G. Hill Co. and excited favorable comment from everyone. It will apparently rank as the best second early pink. The way it set up after 48 hours' travel shows it to be a grand shipper. The flower is incurving with a high built center, the shape the wholesalers like to handle, because such flowers don't get bruised easily. After being on exhibition for three days the flowers are still in excellent condition.

On Saturday morning flowers were received by steamer from England, and considering the time necessary for transportation (seven days at least), they arrived in a wonderfully fresh condi-

Dreer's Exhibit at the New York Show.

tion. They were sent by W. Wells, an English specialist, and great credit is due him for his enterprise in thus bringing his wares before the American public. The flowers averaged up well in size, though many of them were not nearly developed. They were mostly seedlings and included a good range of color. They were set up singly in small vases and were much admired.

Looking at these flowers and the attractive appearance they presented, it seemed to me that much more staging of that kind should be done where it is proposed to set flowers up on exhibition for a longer period than two days. Flowers set up with long stems will not keep in presentable condition much longer than two days, while flowers put up with a foot of stem will keep perfectly for a week, and can be spread over a much larger area. I am not decrying classes like six vases, six flowers in a vase. Far from it. Those classes are the making of a show from a spectacular point of view, but there is lots of room for big vases and small vases too. They would create more variety and would break up the monotony of long rows of vases all the same size and all containing the same number of flowers. I know of one exhibition where these small vase classes are made a feature and it is to my mind a most attractive one.

More classes are to be competed for at New York on Monday and some good new things may be brought out that may be worthy of note. The classes for plants were poorly filled, and the reason is not far to seek. Specimen plants represent an immense amount of work, and the cost of producing such plants is entirely out of proportion to the cash prize that is generally offered. Judging by the remarks made, the classes for specimen plants will be even more poorly represented next year than this unless some radical change in the feelings of the exhibitors takes place.

Brian Boru.

Medway, Mass.—O. T. Mason has built a cucumber house 100 feet long.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings, sports and new importations:

Boston, Oct. 27.—The E. G. Hill Co., Richmond, Indiana, exhibited Mlle. Marie Liger, an imported French variety, light pink, incurved, Japanese, which scored 98 points commercial scale. Nov. 1st, Grove P. Rawson, Elmira, N. Y., exhibited Snow White, White, Japanese, which scored 80 points commercial scale, 83 points exhibition scale. Nathan Smith & Son, Adrian, Michigan, exhibited Globosa Alba, white, incurved, which scored 87 points commercial scale, 86 points exhibition scale. No. 15-8-01, by the same exhibitors, a red, reverse chamois, Japanese, reflexed, scored 80 points commercial scale, 78 points exhibition scale.

Cincinnati, Nov. 1.—Nathan Smith & Son exhibited Ethelyn (as nearly as we can make it out!), beautiful shade of pink on the order of Daybreak carnation, only a little deeper in center, Japanese, reflexed, which scored 85 points commercial scale.

Philadelphia, Nov. 1.—John N. May, Summit, N. J., exhibited No. 231, pink, Japanese, incurved, which scored 84 points commercial scale, 83 points exhibition scale. No. 86, by the same exhibitor, amber red, Japanese, reflexed, scored 82 points exhibition scale. Nathan Smith & Son, exhibited Sephia, bright yellow, Japanese, incurved, which scored 87 points commercial scale, 86 points exhibition scale.

New York, Nov. 1.—Nathan Smith & Son exhibited Algoma, light rose, silvery reverse, which scored 83 points commercial scale. John N. May exhibited No. 28, Mahogany, gold reverse, gold tipped, Japanese, reflexed, which scored 67 points commercial scale. No. 86, by the same exhibitor, scored 73 points commercial scale. Mirabeau, by the same exhibitor, bright clear yellow, Japanese, scored 77 points commercial scale. Amorita, also exhibited by Mr. May, rosy pink, lighter reverse, Japanese, incurved, scored 84 points commercial scale.

N. B.—All information for publication respecting exhibits of seedling chrysanthemums, sports or new importations, according to the rules adopted by the C. S. A., can only be made public through the secretary.

Edwin Lonsdale, Secretary.

Having had inquiries for a list of varieties of chrysanthemums which have been awarded the necessary number of points entitling them to a certificate by the Chrysanthemum Society of America since and including 1898, and thinking perhaps there may be others desiring same information, we herewith venture to send said list for publication in your columns.

The Horticultural Society of Chicago, under the auspices of the Chrysanthemum Society of America, offer premiums for the varieties under consideration, a premium list of which may be had by applying either to Edwin A. Kanst, Assistant Secretary, 5700 Cottage Grove avenue, Chicago, or the undersigned.

Edwin Lonsdale,
Secretary, C. S. A.,
Wyndmoor, Chestnut Hill,
Philadelphia, Pa.

Willowbrook.
Robt. Halliday.
Soliel d'Octobre.
Mrs. Trenor L. Park.
Adula.
Polly Rose.
Mrs. F. A. Constable.
Captain Gridley.
Kuno.
Idavan.
Stelleta.
Primo.
Nesota.
White Bonnaffon.
Walter Molatsch.
Admiral Schley.
Eulalie.
Chestnut Hill.
Iolantha.
Mrs. Ritson.
Yanariva.
Zampa.
Joseph W. Cook.
Golden Fame.
Harry A. Fee.
Polar Queen.
John R. Weir.
Bentley.
Sirius.
Harry A. Parr.
Adele.
Meta.
Silver Wedding.
Pride.
G. J. Warren.
Phenomenal.
White Maud Dean.
Shilowa.
Nagoya.
Superba.
Monrovia.
Pluma.
Intensity.
Marguerite.
Winona.
Col. D. Appleton.
Margaret Euright.
Omega.
Malcolm Lamond.
Mrs. W. B. Chamberlain.
Brutus.
Nellie.
Opah.
Oresco.
C. Holst.
Pride of Elstowe.
Providence.
Mrs. Wm. Fraser.
Lady Harriett.
J. K. Shaw.
Mavourneen.
Mrs. N. Molyneaux.
Eclipse '98.
Mlle. Lucie Faure.
Admiral Dewey.
J. M. Keller.
Zoraida.
Xeno.
Queen of Plumes.
Orizaba.
Goldmine.
Lavender Queen.
Mrs. Geo. C. Jenkins.
Bonita.
Souci.
Florence E. Denzer.
Mrs. Elmer D. Smith.
Mary Hill.
Prosperity.
Timothy Eaton.
Adrian.
Mrs. F. J. Taggart.
Cremo.
Honesty.
Henry A. Gane.
Miss Jane Morgan.

First Annual Convention to be held at the Art Institute, Chicago, November 12 and 13, 1902.

Among other features papers will be read by Harman C. Payne, London, England; Patrick O'Mara, New York; E. Gurney Hill, Richmond, Ind., John F. Cowell, Buffalo, N. Y.; Edwin Lonsdale, Chestnut Hill., Pa.; Elmer D. Smith, Adrian, Mich.; T. D. Hatfield, Wellesley, Mass.; William Scott, Buffalo, N. Y.; John N. May, Summit, N. J.; Grove P. Rawson, Elmira, N. Y.; F. P. Davis, Mobile, Ala.; C. W. Johnson, Rockford, Ill.; E. E. Pieser, Chicago, Ill.

THE KANSAS CITY SHOW.

Upon entering the Convention Hall at Kansas City one is greeted by the brilliant display of red, white, blue and green. Hundreds of flags draped from the wall and balconies form a grand sight. Ropings of wild smilax are festooned from the ceiling, while hundreds of miniature electric lights are intermingled with the roping. The elaborateness of the decoration must be seen to be appreciated, the decoration surpassing all other years in novelty of design and the success with which it has been carried out.

At the farthest end of the hall is stretched a canvas, upon which is represented the house and grounds at Mt. Vernon. From these historic grounds broad steps lead down into an old fashioned garden, laid out in small geometric designs, and enclosed by a four foot hedge of evergreens, as they are at the real Mt. Vernon. On the upper terrace are a number of plants loaned from the National Conservatory by President Roosevelt. On the newel posts of the stairs and landing are immense tubs with fine specimens of Boston fern. On either side of the garden are raised airy pavilions, white as ivory, over which runs a delicate tracery of wild smilax. In the general decoration there are four hundred flags six by ten feet in size, draped in fan shape in three rows around the building below each gallery. In the vaulting are six flags eighteen by forty feet, pendant in fan shape, while two immense flags twenty by forty made of bunting, extend horizontally across the ceiling, and they are set with jewels of about 900 incandescent lights. There are 6,000 electric lights used in the illumination and decoration of the hall.

There are two large pyramids of salvia plants, that are 25 feet long and 16 feet high and about 16 feet wide. These pyramids contain about 700 boxes with four plants to the box, and are built to just fit the exact space for each box and spacing. The whole was surmounted by a bouquet of white incandescent lamps. And all through the plants were a number of electric lights covering the banks. When illuminated the yellow lights give a beautiful golden effect among the scarlet salvia. The night display was beautiful and the orchestra played the "Star Spangled Banner." The play of lights was grand and brought out hearty applause from the public.

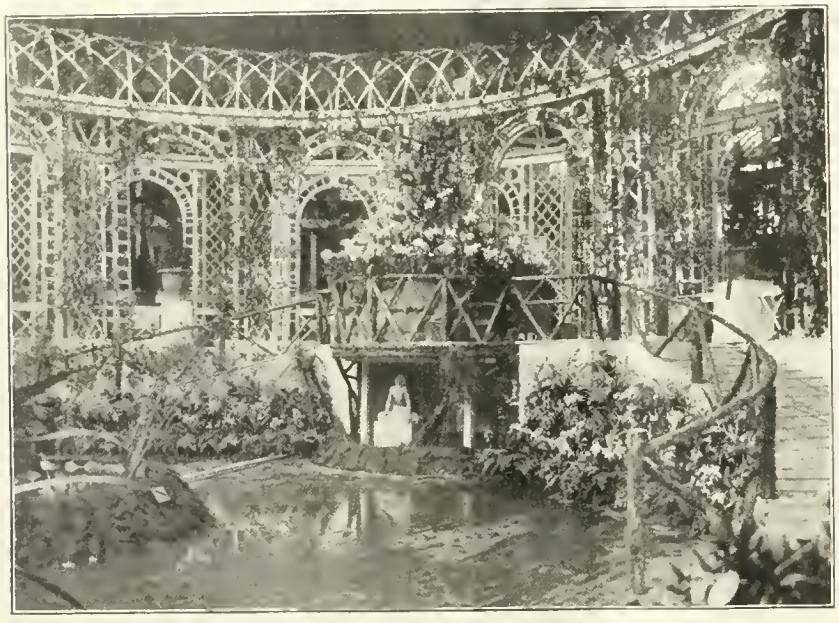
Owing to sickness or some other detention Mr. Lonsdale and Mr. Young were unable to attend and act as judges, which was a great disappointment to the management. Mr. Kanst acted as judge for cut flowers mostly, and some assistance was extended him by other florists. But the judging was necessarily very much delayed.

The competition was remarkably strong and from six to eight entries in a class. Following are the awards up to time of writing.

The Awards.

CHRYSANTHEMUM BLOOMS.

Twenty-five blooms, white, four entries, 1st, $20, E. T. Grave, Richmond, Ind., with Eaton; 2nd, $15, Nathan Smith & Son, Adrian, Mich., with Mrs. H. A. Constable; 3d, $10, Samuel Murray, Kansas City, with Eaton.



Lager & Hurrell's Display of Orchids at the New York Show.

Twenty-five blooms, yellow, nine entries, 1st, $20, W. J. & M. S. Vesey, Fort Wayne, Ind., with Appleton; 2nd, $15, H. W. Buckbee, Rockford, Ill., with Appleton.

Twenty-five blooms, pink, three entries, 1st, $20, Chicago Carnation Co., Joliet, Ill., with Morel; 2nd, $15, H. Weber & Sons, Oakland, Md., with Orizaba; 3d, $10, H. W. Buckbee, with Mrs. Coombes.

Twenty-five blooms, red, three entries, 1st, $20, Nathan Smith & Son, with Childs; 2nd, $15, H. W. Buckbee, with Childs; 3d, $10, E. G. Hill Co., also with Childs.

Twenty-five blooms, any other color, three entries, 1st, $20, H. W. Buckbee, with Carrington; 2nd, $15, Nathan Smith & Son, with Lady Anglesea; 3d, $10, E. G. Hill Co., with Lady Hanham.

Twenty-five blooms, one variety, reflexed, 1st, $20, E. G. Hill Co., with Yanariva; 2nd, $15, Chicago Carnation Co., with Morel; 3d, $10, H. W. Buckbee, with Lady Anglesea.

Twenty-five blooms, one variety, incurved, 1st, $20; Nathan Smith & Son, with Philadelphia; 2nd, $15, Gunnar Teilmann, Marioo, Ind., with Bonnaffon; 3d, $10, H. W. Buckbee, with Appleton.

Six blooms, white, 1st, $5, Nathan Smith & Son, with Alice Byron; 2nd, $3, Samuel Murray; 3d, $2, E. T. Grave, with Eaton.

Six blooms, yellow, seven entries, 1st, $5, E. G. Hill Co., with Appleton; 2nd, $3, H. W. Buckbee, with Appleton; 3d, $2, W. J. & M. S. Vesey, also with Appleton.

Six blooms, pink, nine entries, 1st, $5, E. G. Hill Co.; 2nd, $3, Nathan Smith & Son; 3d, $2, H. W. Buckbee.

Six blooms, red, six entries, 1st, $5, E. G. Hill Co.; 2nd, $3, Chicago Carnation Co.; 3d, $2, H. W. Buckbee.

Six blooms, any other color, six entries, 1st, $5, H. W. Buckbee; 2nd, $3, A. F. Barbe, Kansas City; 3d, $2, Nathan Smith & Son.

Six blooms, one variety, reflexed, six entries, 1st, $5, H. W. Buckbee; 2nd, $3, Vaughan's Seed Store; 3d, $2, Nathan Smith & Son.

Six blooms, one variety, incurved, seven entries, 1st, $5, E. G. Hill Co.; 2nd, $3, Nathan Smith & Son; 3d, $2, Vaughan's Seed Store.

Collection of pompons, 1st, $8, Nathan Smith & Son; 2nd, $6, Vaughan.

Twelve anemone, 1st, $5, Nathan Smith & Son.

Vase of 100 blooms, any variety, four entries, 1st, $75, E. G. Hill Co., for a fine vase of the new pink chrysanthemum Mlle. Marie Liger; 2nd, $50, H. W. Buckbee, for a fine vase of Appleton; 3d, $25, W. J. & M. S. Vesey, also with Appleton; 4th, E. T. Grave, with Eaton.

AMERICAN BEAUTIES.

This was the only rose competition on the first day and the big prizes attracted much attention as well as the fine display. The first prize, $150, was won by Peter Reinberg, Chicago; 2nd, $100, to Benthey & Co., Chicago; 3d, $75, to South Park Floral Co., New Castle, Ind.; 4th, $50, to Reinberg & Weiland, New Castle, Ind.

CHRYSANTHEMUM PLANTS.

Specimen plant, white, 1st, $20, Samuel Murray; 2nd, $12, H. W. Buckbee; 3d, $8, Rock-Heite Floral Co.

Specimen yellow, 1st, $20, Rock-Heite; 2nd, $12, H. W. Buckbee; 3d, $8, Samuel Murray.

Specimen pink, 1st, $20, Rock-Heite; 2nd, $12, H. W. Buckbee; 3d, $8, Samuel Murray.

Specimen red, 1st, $20, Samuel Murray; 2nd, $12, H. W. Buckbee; 3d, $8, Vaughan.

Specimen any other color, 1st, $20, H. W. Buckbee; 2nd, $12, Samuel Murray.

Specimen standard, white, 1st, $12, Vaughan; 2nd, $8, S. Murray; 3d, $6, H. W. Buckbee.

Specimen standard, yellow, 1st, $12, Vaughan; 2nd, $8, Rock-Heite; 3d, $6, S. Murray.

Specimen standard, pink, 1st, $12, H. W. Buckbee; 2nd, $8, Vaughan.

Specimen standard, red, 1st, $12, Vaughan.

Specimen standard, any other color, 1st, $12, H. W. Buckbee.

Six specimen plants, six varieties, 1st, $25, Ssmuel Murray; 2nd, $15, H. W. Buckbee.

Grafted plant, 1st, $20, Vaughan; 2nd, $15, R. Mueller; 3d, $10, Rock-Heite.

Group of plants to occupy 50 feet, 1st, $40, Samuel Murray; 2nd, $20, Vaughan; 3d, $10, Rock-Heite.

Group of pompons, 1st, $20, S. Murray; 2nd, $15, Vaughan.

Group of single and anemone, 1st, $20, S. Murray; 2nd, $15, Vaughan.

Two plants with twined stems, 1st, $15, Vaughan; 2nd, $10, W. L. Rock.

Largest plant with smallest flowers, 1st, $15, Vaughan.

One plant, single flowered, 1st, $10, Vaughan.

Thirty single stem, white, 1st, $25, H. W. Buckbee; 2nd, $15, Vaughan.

Thirty single stem, yellow, 1st, $25, Vaughan; 2nd, $15, S. Murray.

Thirty single stem, in variety, 1st, $25, Vaughan.

Twenty bush plants in 10-inch pots, 1st, $20, S. Murray.

OTHER PLANTS.

Group of begonias to occupy 75 square feet, 1st, $50, S. Murray.

Twenty-five Begonia Lorraine, 1st, $15, Vaughan.

Ten specimen salvias, 1st, $10, S. Murray.

Ten zonal geraniums, 1st, $13, S. Murray.

Six cosmos, 1st, $25, S. Murray.

Group of crotons, 1st, $20, W. L. Rock.

Six araucarias, 1st, $20, S. Murray; 2nd, $12, W. L. Rock.

Six kentias, 1st, $20, W. L. Rock.

Six Boston ferns, 1st, $20, S. Murray; 2nd, $12, W. L. Rock; 3d, $8, A. F. Barbe.

Twenty-five ferns, 1st, $20, A. F. Barbe.

Two Asparagus Sprengeri, 1st, $10, W. L. Rock.

Group of palms to occupy 100 square feet, 1st, $50, W. L. Rock; 2nd, $30, S. Murray; 3d, $20, A. F. Barbe.

Group decorative plants other than palms, 1st, $50, S. Murray; 2nd, $30, W. L. Rock.

Two grafted plants, any species, 1st, $30, Robt. Mueller.

Plants of sterling merit, gold medals to Nephrolepis Piersoni and Pandanus Sanderi.

CARNATIONS.

In the carnation competition on the second day the classes called for fifty blooms each, and the prizes were uniformly $5, $3 and $2 each.

Flora Hill, 1st, Peter Reinberg; 2nd, H. W. Buckbee.

White Cloud, 1st, W. J. & M. S. Vesey; 2nd, H. W. Buckbee; 3d, Peter Reinberg.

Norway, 1st, H. Weber & Sons; 2nd, Chicago Carnation Co.; 3d, Peter Reinberg.

Lorna, 1st, J. D. Thompson Carnation Co.

Any other white, 1st, J. D. Thompson Carnation Co., with Gov. Wolcott; 2nd, H. Weber & Sons, with their No. 43; 3d, W. J. & M. S. Vesey, with Alba.

America, 1st, H. W. Buckbee; 2nd, Peter Reinberg.

Crane, 1st, Vesey; 2nd, Thompson.

Any other red, 1st, Thompson; 2nd, Chicago Carnation Co.; 3d, P. Reinberg.

Roosevelt, 1st, Thompson; 2nd, Vesey.

Any other crimson, 1st, Thompson; 2nd, Vesey.

Marquis, 1st, Thompson; 2nd, Reinberg; 3d, Vesey.

Lawson, 1st, Thompson; 2nd, Buckbee; 3d, Vesey.

Dorothy, 1st, E. T. Grave; 2nd, Vesey; 3d, Reinberg.

Morning Glory, 1st, Thompson; 2nd, Reinberg; 3d, Vesey.

Any other dark pink, 1st, Thompson; 2nd, Reinberg; 3d, Vesey.

Any other light pink, 1st, Chicago Carnation Co., with Mrs. Higinbotham; 2nd, P. Reinberg, with Lord.

Mrs. Bradt, 1st, W. J. & M. S. Vesey.

Prosperity, 1st, Thompson; 2nd, Chicago Carnation Co.; 3d, P. Reinberg.

Any other striped, 1st, Thompson, with Harry Fenn; 2nd, Vesey, with Gaiety.

Any other yellow, 1st, Thompson, with Golden Beauty.

In the classes for new varieties but 25 blooms were called for.

In white, introduction of 1902, Buckbee was first, Thompson second and Vesey third, and all showed Gov. Wolcott.

For pink, Vesey won first, with Nelson.

In flesh color the Chicago Carnation Co. was first, with Mrs. Higinbotham.

In light pink, Chicago Carnation Co., first; H. W. Buckbee, second; E. T. Grave, third, all showing Higinbotham.

In red, Chicago Carnation Co. was first with Mrs. Potter Palmer, Thompson Co. second with Apollo, and Buckbee third.

In any other color, W. J. & M. S. Vesey were first with Gaiety and H. W. Buckbee second with same variety.

The Thompson Carnation Co. exhibited a fine vase of Enchantress which attracted the attention of all.

An Odd Display.

Tuesday was carnation and chrysanthemum day and the roof garden, where these exhibits were, was the most popular place in the hall. The roof garden had been very attractively arranged, and the display of chrysanthemums extended along the entire length of the east and west sides of the hall. The beams had been covered with southern smilax and the flowers were shown on a sloping bank of moss, with the bottles hidden in same and holding one flower in each, said to be the English style of exhibiting.

The exhibit, containing one bloom each of almost every known variety, was a collection of curiosities. The growers seemed to have done their best to present the most freakish looking specimens they could produce and some of them were so ugly that they attracted more attention than the pretty ones. Each flower seemed to vie with the others in being original. There were mums of various degrees of regularity and those of every shade of pink, red, yellow and lavender.

Perhaps the one flower that attracted more attention than any other was a chrysanthemum of about the normal size with petals some four or five inches in length and as fine as string, of a yellow and orange color. It was called the Golden Shower, and resembled a miniature shock of red hair more than anything else. There were several varieties which were almost perfect balls, and several that were as flat as sunflowers and looked like great daisies. Following are the awards:

Ninety-six varieties, one flower of each, 1st, $50, Nathan Smith & Son; 2nd, $30, E. G. Hill Co.; 3d, $20, H. W. Buckbee.

Seventy-two varieties, one flower of each, 1st, $30, E. G. Hill Co.; 2nd, $20, Nathan Smith & Son; 3d, $15, H. W. Buckbee.

Forty-eight varieties, 1st, $25, Nathan Smith & Son; 2nd, $15, H. W. Buckbee; 3d, $10, Gunnar Teilmann.

Thirty-six varieties, 1st, $20, Nathan Smith & Son; 2nd, $10, E. G. Hill Co.; 3d, $8, Gunnar Teilmann.

Twenty-four varieties, 1st, $15, H. Weber & Sons; 2nd, $10, Samuel Murray.

Twenty-four varieties, reflexed, 1st, $15, N. Smith & Son; 2nd, $10, E. G. Hill Co.

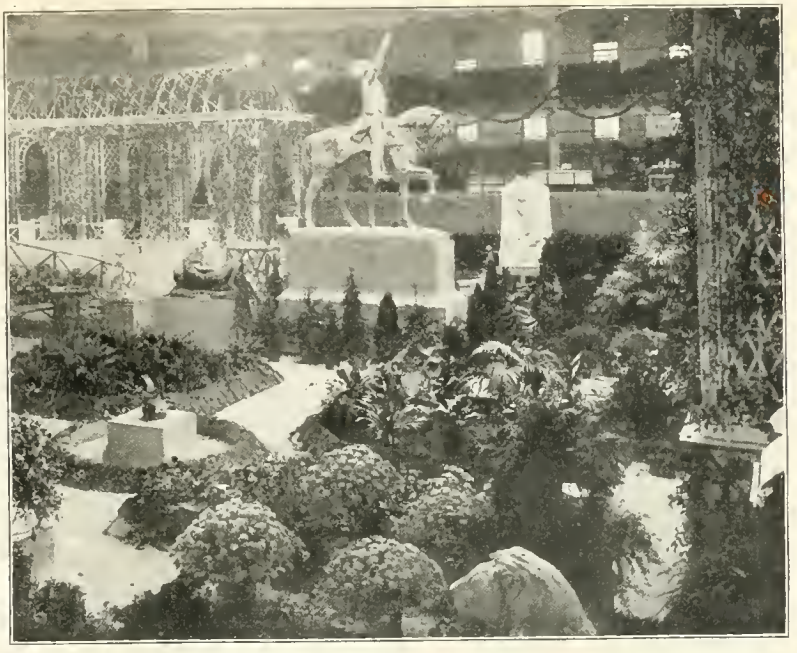
Twelve varieties, reflexed, 1st, $10, N. Smith & Son; 2nd, $8, E. G. Hill Co.; 3d, $6, H. W. Buckbee; 4th, $4, Samuel Murray.

Twenty-four varieties, incurved, 1st, $15, E. G. Hill Co.; 2nd, $10, N. Smith & Son; 3d, $8, H. W. Buckbee.

Twelve varieties, incurved, 1st, $10, E. G. Hill Co.; 2nd, $8, N. Smith & Son; 3d, $6, H. Weber & Sons; 4th, $4, H. W. Buckbee.

Eighteen flowers, Boehmer type, 1st, $12, H. W. Buckbee; 2nd, $8, N. Smith & Son.

Twelve of Boehmer type, 1st, $10, N. Smith & Son; 2nd, $8, H. W. Buckbee.



Some Plants at the New York Show.

Nephrolepis Piersoni at the New York Show.

Notes.

The fine display of Pandanus Sanderi by H. A. Dreer, was greatly admired, one lady even calling it "a beautiful begonia."

Mr. Pierson's beautiful new fern was also a strong attraction.

Visitors: Leonard Kill, L. Coatsworth, E. A. Kanst and J. S. Wilson, Chicago; James Hartshorne and J. D. Thompson, Joliet, Ill.; H. W. Buckbee and C. W. Johnson, Rockford, Ill.; Isaac Kennedy and J. M. Gasser and wife, Cleveland; Geo. Swoboda, Omaha; E. T. Grave and Fred Lemon and wife, Richmond, Ind.; Elmer D. Smith, Adrian, Mich; Gunnar Teilmann, Marion, Ind.; H. Heller, New Castle, Ind.; Miss Tillie Meinhardt, St. Louis; J. R. Fotheringham, representing F. R. Pierson Co.; F. Creighton, representing H. A. Dreer; C. Jensen, Topeka, Kan.; M. S. Vesey, Ft. Wayne, Ind. M. S. VESEY.

THE CHRYSANTHEMUM SOCIETY.

The annual meeting and exhibition of the Chrysanthemum Society of America will be held in Chicago in connection with the annual exhibition of the Horticultural Society of Chicago, Nov. 11 to 15.

This will be the first general meeting held during the chrysanthemum season and in connection with a general exhibition, and it will be a splendid opportunity for chrysanthemum growers to show their strength.

If you are one of them you should not fail to be represented by some blooms or plants in the exhibition and appear in person at the meetings.

MILWAUKEE, WIS.—The city has purchased twenty-three acres of land to add to Washington Park.

SEND copy at once for advs. in our Thanksgiving Number, to be issued next week.

WE have amply demonstrated to ourselves that the REVIEW sells stock.—W. H. GULLETT & SONS, Lincoln, Ill.

ROSES.

Seasonable Hints.

With the approach of the dark, short days, watering and syringing will have to receive special attention. There is no part of the minutiæ of rose culture which requires more careful study than this will during the next four months, as the least careless or indiscriminate use of the hose during that period may be the means of ruining a crop of buds, or of causing permanent injury to the health of the stock. I revert to this subject at this season as I consider it of the utmost importance, and knowing how easy it is to forget the lessons of a year ago.

The transition from a lavish use of water during summer to the carefully apportioned and guarded supply necessary to the requirements of winter is often a question which is hard for a grower to get his assistants to understand, the inclination usually being to use more water than the plants require.

It is also impossible to lay down any rule limiting the supply or regulating its use as there are so many attending conditions which govern the different cases. Good common sense, and the habit of carefully observing all the circumstances are of far more importance than all the rules that can be evolved, as atmospheric conditions are ever changing and these have to be watched and the supplies regulated to correspond with the various changes.

Before proceeding with watering and syringing the benches should be carefully examined to find out what the wants are. If there are any dry spots these should be gone over and brought as near the condition of the rest of the bench as possible. The state of the weather is another condition which must be taken into account previous to syringing. If the weather is unfavorable this is better left undone than to take any risks, particularly with Beauties and Liberties, which if left wet over night are apt to get a dose of black spot which at this season will be a hard matter to get rid of.

Good judgment in carefully regulating the supply of water to suit the different stages of growth in the plants is another matter worthy of notice. Benches which are just off crop and which have not as yet made another growth call for a much less supply than they will do after the eyes have broken and got well started. The more vigorous the growth the greater will be the need of a more liberal supply. As the buds approach maturity the benches ought to be kept in a uniform condition, neither too wet nor too dry.

As proficiency in the art of watering can only be attained when the wants of the plants are ascertained these few hints may possibly direct the student along the right lines. Ribes.

CARNATION NOTES—EAST.

Disbudding.

Under no circumstances should you allow this operation to be neglected, done haphazard or to think that it can be put off until there is nothing else to do. There is always something to do, so it is best to have a system whereby each something will come in its turn. When disbudding, see that shoots, as well as buds are removed as far down the stem as is proper to cut when in bloom. At the same time arrange the plant to keep within its support. Break the buds off by a sort of side pull, thereby not injuring the foliage in any way.

There is such a thing as disbudding too soon, especially near the main bud, for in removing the small bud close under it, if not sufficiently developed to rub off easily the stem is likely to be injured, causing the bloom to turn at right angles, as you have probably seen some blooms of Frank Hardy chrysanthemum. I find that Lawson is very apt to do this: in fact, it was on this variety that I first noticed it, but the cause was soon discovered.

What are the advantages of disbudding, you may ask. First, you get a larger bloom; second, the stem holds the flowers more gracefully, not being weighted down with surplus buds; third, the blooms look more finished and can be packed, shipped and handled to arrive in fine condition at their destination; all of which results in a better price to the grower and a quicker sale for both wholesaler and store man. Further still, I believe the plants are less exhausted in a given time.

Weather.

We have been having a spell of fine weather in the east, but the nights are cold and you must have on some heat, watching it closely, for it is now when the days are warm and the nights cold that great damage can easily be done.

Thanksgiving is close upon us, but I trust you have improved each shining hour, and have gotten your plants in good condition to give just returns for the labor you have bestowed upon them, thus making you feel that you have something to be thankful for.

Geo. S. Osborn.

PHILADELPHIA.

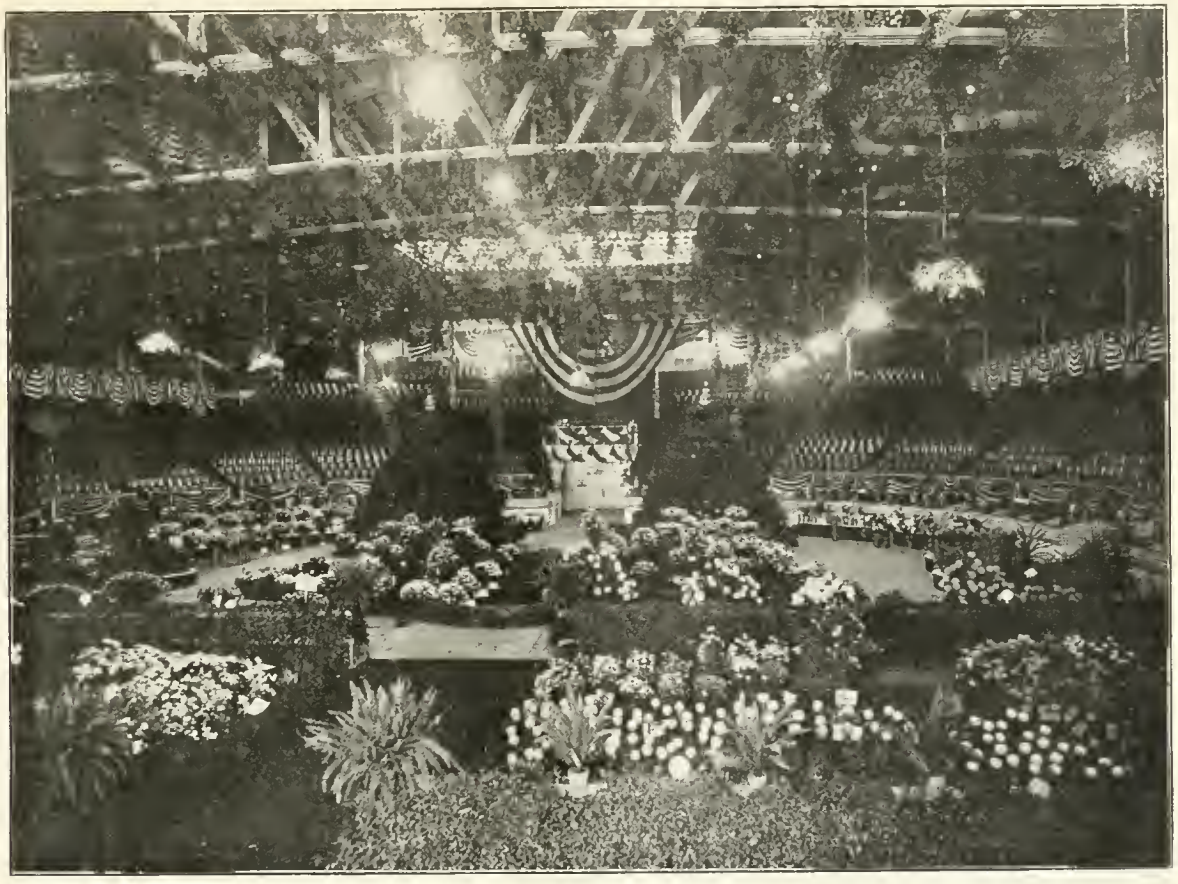
The Flower Market's Party.

This took place on Thursday evening, October 30, when nearly 500 guests assembled at the house warming. There were representative men from nearly every branch of our profession, while stately matrons and fair maids added grace to the scene by their presence. The hall and stage were beautifully decorated with cheese cloth of light shades, wild smilax, oak leaves and foliage plants. H. C. Geiger was in charge and to him great credit is due for the fine effect produced. He was ably seconded by the willing hands and choice material of many of our leading men.

The proceedings were opened at about 8:30 p. m., with an address by President Heacock, who spoke as follows:

Ladies and Gentlemen: It gives me great pleasure to welcome you here tonight in the name of the Philadelphia Wholesale Flower

The Vases of One Hundred Blooms at the Kansas City Show.



General View of the Kansas City Show.

Market. We are glad to see you take so much interest in an enterprise, the beginning of which I believe to be the marking of a new era to the Philadelphia florist, be he grower or retailer, and the advance of which will be as great as that of fifteen or twenty years ago, when the steam boiler and steam pipes superseded the brick flues. We are told by those older in the business that I am of the good old time when all one had to do was to grow the flowers and at sunrise he found the retailers at his gate begging for a chance to buy them. We all know how things have changed since then, until now the grower goes around seeking the man who wants to buy, and how often he misses him! You have doubtless all had the experience, after having hunted for some one in a crowd, and having at last given it up in despair and stood still, of having the one whom you sought all at once find you. This is just our case. While we have been hunting some one to buy our flowers, and have found him with more or less success, we have frequently missed him, much to the loss of both parties, and now we propose to have the product of our greenhouses in this beautiful, well-lighted room at 7:30 next Saturday morning, and on every morning thereafter, Sundays excepted.

We have all felt the need of just such a market, a central place where buyer and seller could find each other and do far more business in an hour than could heretofore be accomplished in a forenoon, and do it far more satisfactorily to both parties. New York has two and Boston one such market. Philadelphia, proverbially slow, is at last awake, and has the experience of her sister cities by which to profit. Philadelphia, with her million inhabitants, is going to support such a market. There is no question about that, and any grower who is not here at the start will be ashamed to let his descendants know it.

Our enterprise is of a healthy growth. Little did we think of such a company as this three months ago, chartered by the State of Pennsylvania, with a capital of $20,000. Our plans were humble. We said, if we could only get half a dozen growers to bring their flowers to a central place the market would be a success. Whomever we talked with about it seemed to be in favor of it. We then decided to have some capital, and thought $5,000 would be ample, and then it developed into $10,000, and finally stopped at the present figure. It seemed the larger we made it the more determined the growers were to have some of the stock, until now there are but a few shares left, and all the shares sold are held by those actually in the business of growing flowers, or growing or dealing in plants, trees, shrubs, seeds, bulbs and other merchandise of the general flower business for purposes of commerce, and our by-laws are so drawn that no other person can ever hold shares of stock in the company.

I feel that I would not be just to whom honor is due if I did not speak of the valuable work done by Mr. Samuel S. Pennock at the beginning of this project. Indeed, if it had not been for his earnest co-operation and services, this market would not be started at this time. It seems like the irony of fate that Mr. Pennock should be excluded from any part in the company, after having done so much for it, and all because he is a dreaded commission man! Mr. David Rust also rendered us most valuable assistance at a time when it was very difficult to get.

In conclusion, allow me to congratulate all interested in this market on our having procured the valued services of Mr. Charles Meehan as manager. Mr. Meehan is well known to all of you, and his character, ability and impartiality means success to the enterprise.

Robert Craig followed with remarks in his happiest vein. Then came an attractive program, full of wit, music and song, arranged by William P. Craig, who carried it through eighteen numbers and encores in fine style. The talent, well known in our business circles, was composed of Robert Kift, styled the "Father of the Market," who responded to "Magic;" Horace T. Dumont, of Dumont & Co.; A. G. Campbell and Leo Niessen. The last two named have fine voices.

Light refreshments and dancing closed an evening voted by many as the most successful affair of the kind ever given in the City of Brotherly Love. One of the features of the entertainment was the beautiful bouquets and baskets of flowers sent by many of the retailers with their best wishes for the success of the market.

Saturday, November 1, was the market's first day of business. By 7 a. m. nearly a score of growers had gathered in the big room; several leading retailers came early, and by 9 o'clock nearly all the cut flowers were sold—an unexpectedly good showing for the first day. The atmosphere of a mart was certainly there, and it ought to prove a great thing for Philadelphia business when the place gets fairly moving. S. Alfred Baur, of Erie, has the proud distinction of being the first out-of-town visitor, a distinction probably not realized at the moment.

Manager Meehan expressed himself as pleased with the start made. The next few weeks will be a very busy time for him. By the end of that time things should be running smoothly.

C. H. Miller.

It is with deep regret that I record the death of Charles H. Miller, which occurred at his home, Mt. Airy, on Sunday evening last. He was born in England in 1829 and came to this country just before the war closed. In 1876 he was made landscape gardener at Fairmount Park, which position he has held for the past twenty-six years. He was a man of great energy, and his reputation as a landscape architect is known over a large portion of the Eastern states. For many years he was engaged in the nursery business adjoining his home at Mt. Airy, but lately he had devoted his entire attention to the park and to his landscape business. A widow and two daughters survive him.

Notes.

Leo Niessen has made a new departure in offering plants to his out-of-town customers. This should prove a great convenience. His Liberties are exceptionally fine.

Joseph Heacock's reference to the work done for the market by S. S. Pennock

was a graceful and deserved tribute.

William Swayne, of Kennett Square, sent the first early Timothy Eatons to W. J. Baker.

Eugene Bernheimer finds the demand for Queen of Edgely roses very encouraging.

Adolph Fahrenwald won first prize for American Beauties at the New York show. Hurrah for Philadelphia!

The Germantown Horticultural Society was the guest of John T. Morris, at Chestnut Hill, on Saturday. Mr. Morris' "fern grotto" was the chief point of interest.

Edwin Lonsdale was a judge at the New York show last week; he was especially pleased with the orchid exhibit.

A Lamb among the Lions.

A dinner was given at Boothby's on Thursday evening of last week by Mr. Battles, the prominent retailer, to his friends, the commission merchants, humorously described by the above heading. Those present were: H. H. Battles, Henry Bauer, Eugene Bernheimer, George Cooper, Horace T. Dumont, Frank Gaul, Geo. M. Moss, William J. Moore, Leo Niessen, Samuel S. Pennock and Edward Reid. After a very pleasant evening the party adjourned to the reception at the Flower Market.

Bowling.

Philadelphia is to be represented in the Bowlers' League this season by a team from which associate members are barred. This will weaken the team, as some of the associates are fine bowlers. The first game played this week was played with the Pennsylvania Club at the alleys in West Philadelphia. The Florists' team composed of Geo. M. Moss, captain, D. T. Connor, W. R. Gibson, Frank Polites and Walter Yates.

PHIL.

BOSTON.

A busy week for both retailer and wholesaler has been torn off the floral calendar; for the retailer, because he had a fairly good week's work, and for the wholesaler, because he had more goods than he could sell and put in overtime trying to do so.

It strikes me that the call for chrysanthemums is particularly good, especially for the medium qualities. If any are left over after the morning hours, it is usually a lot of poor ones and a few good yellow. The increase of the best chrysanthemum price from $20 to $30 per 100 is caused by the advent of large late varieties, some of which command the latter price.

There has been a surplus of poor to medium roses all the week, but practically all the carnations have been marketed. There was a scarcity along violet lines until Saturday, when a much larger supply developed. I note a few sweet peas in Galvin's, and they claim them to be the first for next year, rather than the last for this year. The first paper white narcissus I have seen were in Wollaston Heights Patterson's box a few days ago.

Notes.

There never was a week more bare of news incidentals than that of October 27 to November 1. James F. Quinn, of Brookline, did go and get married, consequently creating an important page of history for himself and one other. (May it be a long chapter, Mr. Quinn, and full of pleasant paragraphs.)

Too, the New England Flower Growers' Association held another meeting at the American House, expressed anew their determination to keep up their organization socially, at least, voted a committee to draw up a constitution, assessed each other a quarter and went home.

James Sutherland is back in Boston again as manager of N. F. Sutherland's Bromfield street store, which fact assures good trade there.

Grading Roses.

Perhaps you have noticed that in its price lists of roses the REVIEW makes use of the terms "special," "extra," "No. 1" and "No. 2." Well, as Shakespeare says, "What's in a name" and "A rose by any other name would smell as sweet," the fact is that most Boston growers grade as "No. 1," "No. 2," "No. 3" and "culls," not even using the term "extra" except when they really have a grade that is extra good for the season. The fact is that one man's "extra" or his "No. 1" may not be so good as another man's "No. 3." Again, if a customer approaches a retailer with an order for "extra" roses, he grades his stock up to that grade, no matter what number he bought them for. Another discrepancy, too, is the fact that the same man's goods will vary with the season and condition of his crop. For instance, a "No. 1" of early autumn would be classed among the "No. 3s" of winter. Now, why would it not be better to grade roses by inches in length of stem, for instance, "6-inch," "9-inch," "12-inch," "18-inch," "24-inch?" And the length should be counted only from the point where it will sustain the blossom in an erect position. Customers in ordering by mail or telephone usually have to resort to these terms or else state the price they wish to pay, because we salesmen are so loose in our vernacular.

J. S. MANTER.

ST. LOUIS.

The Market.

Trade in the cut flower line was not very encouraging among the retailers the past week. A few of them were busy with funeral work, but there was little, if any, transient trade. The pleasant weather is still with us, and it will take a good frost and some cold weather to place our business where it belongs.

The horse show opens tonight at the Coliseum, and as it is one of the fashionable society events of the season, it will, no doubt, use up quite a lot of first-class stock of all kinds. The principal call for this event is for Beauties, extra large chrysanthemums and violets.

The quality of the stock in roses is very fine in selects, suitable for bunches and cut flowers, but is limited in quantity; the bulk of the stock runs to seconds and thirds with short stems, good only for design work and brings only a fair price. First-class Beauties and Meteors have slacked up some the past week, while Brides, Maids, Gates and Perles have come in great quantities, and placards announcing fresh roses at 25 cents a dozen have made their appearance in downtown store windows.

In carnations the demand is good for first-class stock. Some very fine Lawson, Croeker, Crane, White Cloud, Morning Glory and Scott were seen the past week. Lawson to sell well must come with longer stems.

Violets are now very fine and the florists' windows are filled with them.

Chrysanthemums are now in full blast, and a few fine specimen blooms were seen in the West End flower stores, but

Some Blooms at the Kansas City Show.

Another View of the Kansas City Show, with Mt. Vernon in the Background.

the majority of the blooms are below the average in quality.

Notes.

Mr. A. Lloyd Vaughan, the popular salesman for E. H. Hunt, of Chicago, is in town accompanied by his wife and daughter. No salesman has more friends in St. Louis than Lloyd Vaughan.

Mr. E. T. Grave, of Richmond, Ind., was in town Saturday on his way to Kansas City's big show. Mr. Grave had a good word to say for the Review and the Kansas City show.

Mrs. M. S. Vesey, of Ft. Wayne, Ind., accompanied by her sister, spent Sunday in St. Louis on her way to Kansas City, and some of those big prizes on mums and roses will be taken back to Ft. Wayne.

Herbert Heller, of New Castle, Ind., was a caller Sunday. Herbert is out for those big prizes hung up at Kansas City.

Frank M. Ellis leaves Tuesday night to take in the Kansas City show and will spend the rest of the week in that city.

The Schuerman Floral Co. was busy all week decorating the Coliseum in green and white for the horse show, and the place never looked better. A car load of wild smilax was used.

Club Meeting.

Don't forget the big meeting of the Florists' Club next Thursday afternoon at 3 o'clock. The chrysanthemum exhibition promises to be large, with the following prizes offered: Best vase each of white, yellow, pink and any other color: first, $1.50; second, $1 each.

Two essays will be read, one by R. J. Mohr on "Hardy Bulbs for Cut Flowers," and the other by Dr. Halstedt on "How to Grow Chrysanthemums for Cut Flowers."

J. J. B.

ST. PAUL.

Among the Growers.

R. C. Seeger has a nice range of about 27,000 square feet, located on Gorman avenue. He has been in business for a number of years, but not until the summer of 1900 did he complete his present range. Heretofore he has devoted nearly his entire area to roses, but this season he has put in a large number of carnations, thinking there are larger profits in these.

In the line of roses he is growing Brides, Bridesmaids, Golden Gates, Liberties, Meteors and Beauties for general crop. For summer blooming he has grown Kaiserin, Carnot, Testout and Meteor. In novelties he is growing a few Helen Gould. This appears to be a first-class flower in every particular. While not as large as some varieties it is of fine form, good substance, fragrant and of a very pleasing shade of dark cerise. The plants are clean, healthy and vigorous, well filled with buds. It seems to be a valuable acquisition to our list of really good varieties.

Mr. Seeger was one of the first in this section to plant the Liberty, but I must say it is disappointing here as I have found it elsewhere. The introducer advises every one to get a good growth of wood before allowing the buds to develop. Such advice is good, but how to get the growth of wood is what is bothering Mr. Seeger, as well as others. Some grafted plants showed up better than those grown on their own roots.

The Mme. Testout as grown here is certainly a grand variety for summer and fall blooming, and will be planted extensively next season. Carnot and Kaiserin have also given excellent results during the summer. These will be kept in bloom until after Christmas, when they will be cut back and allowed to rest until spring.

Fairly good success has attended the cultivation of Beauties at this place and they are considered as profitable as any variety grown, both for summer and winter crops. Brides, Maids, Meteors and Golden Gates are grown here in large quantities and are profitable for winter cutting.

His collection of carnations consists of the following standard varieties: Mrs. Lawson, Mrs. Bradt, Prosperity, White Cloud, Norway, Crane, Mrs. Joost, Daybreak, Marquis and Flora Hill. The plants are very strong, thrifty and clean and should yield immense crops later on. In one house, which is rather dark in winter, is grown the Mrs. Joost. The proprietor informs me that this variety will thrive as well in the shaded house as most varieties do in sunlight.

The product of these ranges is sold mostly at wholesale to the trade in St. Paul. A stand in one of the department stores helps work off the cheaper grades and disposes of some stock that would otherwise go to waste.

A few Sprengeri and plumosus asparagus are grown, as well as some bedding plants, but for the most part his houses are devoted to roses and carnations.

Carl Peterson has recently built two

houses 16x100 feet, which are planted to carnations and a general line of bedding stock. His plants are looking fine and he is beginning to cut quite a goodly number each day. He grows most of the leading varieties of carnations, but none of the fancy sorts.

Keiper & Powles, on Stryker avenue, have five houses, containing about 5,000 square feet of glass. In addition to this they have several hundred hotbed sash employed in the business. Their specialty is asters, which are grown in large quantities to supply the local dealers. Many of them are grown in frames, being sown late so as to be at their prime during the early fall months, when most outside stock is gone.

Sweet peas are grown quite largely in the winter and large quantities of geraniums are propagated for spring bedding purposes. By specializing this firm has built up a very good and prosperous business.

The chrysanthemum show under the auspices of the Ladies' Auxiliary of the Northwestern Manufacturers' Association, will be held in the Armory, Novem-

Peter Reinberg's First Prize Vase of one hundred American Beauties at the Kansas City Show.

ber 10, 11 and 12. Quite a number of the florists have made entries for the occasion and a nice show will no doubt be had. Frank Berry, of Stillwater, assisted by two ladies, will be judges of cut flowers. O. A. Nordquist, of St. Paul, Thos. Hall, of Minneapolis, and Prof. Green, of the State Experimental Farm, have been appointed judges of plants. X. Y. Z.

CINCINNATI.

The Market.

The cold weather, for which we have been looking, made its appearance the first of last week, and had the desired effect of immediately shortening the supply and improving the quality of all kinds of stock. Mums arrived in large quantities, but the shortness of other stock made them sell out fast and at good prices.

All Souls' day created quite a demand for stock, but mostly of a cheap grade. Small mums, and cheap roses and carnations went as fast as they came in. Ivory chrysanthemums proved to be the winners, and were disposed of by the thousands. They sold from 4 to 8 cents each. This mum is certainly a favorite, and one of the best paying ones in the market. Some very fine Bonnaffon were in and sold from 10 to 20 cents each.

On Saturday afternoon and evening, the Jabez Elliott Flower Market was a mass of bloom of all kinds, and it looked as if there would be great quantities left after the day's business was over; but it was not so as the demand was great and the day proved to be one of the best in the history of the market.

Roses and carnations are scarce, but the bright weather we are having will soon remedy this. The quality of stock is improving, and an advance in price is bound to occur all along the line, very soon.

Great quantities of mums were shipped by local wholesale houses to New Orleans, and this outside demand helped to relieve the market of its surplus stock.

Nathan Smith & Son, of Adrian, Mich., had chrysanthemum No. 35 before the committee Saturday. It was of a very light shade of pink. The flower was built on the Queen order, but had a very long neck.

Next Saturday, November 8, will be the next regular meeting of the Florists' Society, also the annual chrysanthemum show. The date appears to be well chosen and a fine exhibit is looked forward to. The list of prizes offered published in these columns some three weeks ago, are very good and worth competing for. Many local growers have already expressed their intention of entering and some out-of-town growers are expected to make entries.

Geo. Meyers, of the Avondale Flower Co., had a wedding decoration the past week, which was a credit to his ability as a florist. In the church he used selected Col. D. Appleton mums, banking them on the altar, and about the front of the church. The effect created by these massive mums was superb, and the decoration as a whole, was one of the best seen in the city for some time.

During the past week, H. D. Edwards, the leading florist of Newport, Ky., was taken very suddenly with nervous prostration. Luckily, it did not prove to be as serious as at first thought, and he is now able to be about.

Al. Forder had the misfortune to run a needle into his foot. The doctors have not been able to locate it, and an operation will undoubtedly be necessary.

Visitors were: Paul Berkowitz, of Philadelphia, Pa., and H. P. Smith, of Piqua, Ohio. C. J. Ohmer.

PITTSBURG.

The Market.

The large receipts of all kinds of flowers continued the past week, and up to this writing plenty of all kinds of stock can be had. The commission and wholesale houses report business very good, but prices low on medium and cheaper grades; the choicest grades remain the best sellers. This applies to everything coming in.

In roses, Maids are slightly "off crop," but enough for all orders. Brides are now on, and some very choice stock can be had. Beauties are not much in demand.

Carnations are plentiful, and the quality is much better. Among the fancy varieties worthy of mention are: Lawson, Crocker, Marquis and Dorothy. These are exceptionally fine for so early in the season. All white varieties in the better grades still remain scarce.

Chrysanthemums are very abundant, the medium-sized ones selling the best. Culls are not salable at any figure.

Quantities of California violets are now arriving from the Lancaster district. The Cut Flower Co. is handling most of them.

Charles Koenig, of Milvale, is cutting some very good Lawson and Dorothy carnations. His stock looks very promising for a large crop for Thanksgiving.

J. R. Fotheringham, representing F. R. Pierson Co., of Scarboro, N. Y., was with us last week. He is booking heavy orders for his new fern, Nephrolepis Piersoni.

Paul Berkowitz, of H. Bayersdorfer & Co., of Philadelphia, was in this city last week, calling on the trade. He reports a heavy demand for Christmas novelties.

Arthur Langhans, of Wheeling, was a visitor the past week.

Arthur Hall, of A. W. Smith's, is at his home laid up with typhoid fever. We hope for his speedy recovery.

The chrysanthemum shows at Schenley Park, and West Park, Allegheny, are in fine condition, and many out-of-town visitors are inspecting them. Superintendent Hamilton, of the Allegheny Parks, sent out a squad of park police early the other morning to arrest the early pedestrians who violated a park ordinance by making short cuts across the grass. Fifteen arrests were

New Pink Chrysanthemum Mlle. Marie Liger.

made by 7 a. m. This, no doubt, will stop the offense.

At a meeting of the Florists' Club to be held next Wednesday evening, November 12, President Falconer will exhibit a collection of new varieties of chrysanthemums. Mr. Falconer went to New York as one of the judges of the big chrysanthemum show.

Randolph & McClements decorated Carnegie Library, Art Gallery, and Music Hall for Founders' day last Thursday. The decorations were very elaborate.

The Pittsburg Rose and Carnation Co., at Bakerstown, are cutting some good carnations of White Cloud, Lawson, Goethe, Marquis, Joost, and Mr. Burki's pet red one, Hector.

Hoo-Hoo.

CHICAGO.

In addition to the report on the market, to be found elsewhere in this issue, it might be stated that some extra fine Timothy Eaton and Appleton mums are now arriving. Robinson and Whilldin are now practically all cut out. Bonnaffon is now much in evidence, and Autumn Glory, Xeno, Lavender Queen and White Bonnaffon have made their appearance, while Ivory, White Ivory, Morel, Pennsylvania, Bassett, Hurrell, Wanamaker, Mayflower, Lady Hanham and Childs are still with us.

The annual exhibition of the Horticultural Society and the Chrysanthemum Society of America opens at the Art Institute next Tuesday. Every grower for the Chicago market should be represented by a display. The annual meeting of the Chrysanthemum Society will be held in connection with the exhibition, and the annual banquet of the Florists' Club will take place during the show.

The reports from Kansas City are interesting a good many Chicago growers just now. The fact that Peter Reinberg captured first and Benthey & Co. second in the contest for the big prizes for 100 American Beauties is cause for some local pride.

Kennicott Bros. Co. are receiving some extra fine Marie Louise violets from a Wisconsin grower.

McKellar & Winterson have enlarged their weekly bulletin to blanket sheet size. It's now almost a catalogue.

Hughes, the W. Van Buren street florist, has issued an announcement of his "Annual chrysanthemum show" and the dates given are "Oct. 22 to Dec. 31."

Leonard Kill, of Peter Reinberg's and L. Coatsworth, of Benthey & Co., are in Kansas City this week doing a few things in the rose classes at the K. C. show.

Additional Premiums.

The Horticultural Society announces additional premiums of $330 in the retail florist's classes as follows:

FOR FRIDAY, NOV. 14TH.

	1st.	2nd.
Best basket of chrysanthemums arranged for effect	$25.00	$15.00
Best basket of orchids	40.00	25.00
Best bridal bouquet	25.00	15.00
Best bridesmaid's bouquet	25.00	15.00

FOR SATURDAY, NOV. 15TH.

	1st.	2nd.
Best vase of roses	$25.00	$15.00
Best basket of roses	25.00	15.00
Best basket of carnations	25.00	15.00
Best arranged box of cut flowers	15.00	10.00

The above classes open to all. Other foliage and usual accessories allowed.

Bowling.

The florists opened their tournament at Michelson and De Profts Bowling Alleys on Tuesday. The League consists of four teams, namely McKellar & Winterson's, Vaughan's, Retailers and Wholesalers. The contests resulted in the Retailers defeating the Vaughan team three games and the McKellar & Winterson's took three from the Wholesalers. The latter teams rolled six men.

The ladies were well represented and give promise of defeating some of the men in the near future. Following are the scores of the evening:

RETAIL.			
P. J. Hauswirth	178	164	156
Huebner	133	116	134
Nagle	99	101	137
Kreitling	109	103	97
Asmus	138	139	188
Totals	657	623	712
VAUGHANS.			
C. Hunt	139	104	107
Bollnow	135	107	180
J. Roy	112	133	118
Goss	127	109	113
Henderson	98	141	118
Totals	611	594	636
WHOLESALE.			
G. R. Scott	161	147	143
G. H. Pieser	106	60	117
A. Newett	111	131	140
C. Fisk	154	90	143
G. H. Pieser, Jr.	120	155	110
W. Randall	103	141	107
Totals	755	724	760
McK. & W.			
Balluff	176	150	143
Pruner	145	144	153
McCormick	133	151	122
Sterrett	110	137	143
McKellar	127	103	120
Winterson	183	186	144
Totals	874	871	825
LADIES.			
Elsa Hauswirth	71	63	52
Mrs. Hauswirth	93	66	69
Mrs. Balluff	55	86	62
Mrs. Winterson	84	75	89
Mrs. McKellar	67	54	65
Anna Kreitling	89	70	67
Mrs. Asmus	63	44	71
V. Kreitling	..	68	80
Mrs. W. Kreitling	83	85	112

DRESHERTOWN, PA.—The employes at the nursery of Thomas Meehan & Sons, who have for some time past been studying botany at the nursery office, have now formally organized a society under the title Thomas Meehan Horticultural Society, and have elected officers as follows: Robert B. Cridland, Pres.; Ernest Manning, Vice pres.; S. Newman Baxter, Sec. and Treas. The society is exclusively for employes and all are eligible, from the boy who pulls weeds to the oldest veteran. At the meetings the discussions are eminently practical and as a result the employers as well as the employes are benefited. The plan is worthy of adoption by all firms having a considerable number of employes.

JERSEY CITY, N. J.—Geo. Kruse is building three new houses at his place on Ocean avenue, near New York Bay Cemetery.

I HAVE had good results from my adv. in the REVIEW. My stock of ferns, palms, etc., is gone.—Geo. Just, Jacksonville, Fla.

BATTLE CREEK, MICH.—Levant Cole has built two houses 21x120, and has put in tile benches.

MARIETTA, O.—C. P. Dudley has opened here a branch store for J. W. Dudley & Co., of Parkersburg, W. Va.

PANDANUS VEITCHII.

STRONG PLANTS from 6-inch pots, 18 to 20 inches high above pot, $12.00 a dozen.

JOHN WELSH YOUNG, Germantown, UPSAL STATION, PENNA. R. R. Philadelphia, Pa.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Milwaukee, November 5.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 18.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Brides and Maids, Specials	5.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gates	4.00 to 5.00
Kaiserins	4.00 to 6.00
Liberty	4.00 to 8.00
Meteors	4.00 to 5.00
Perles	4.00 to 5.00
Carnations, Commons	1.00
" Fancies	1.50 to 2.00
Adiantum Cuneatum	.75
Asparagus plumosus, Strings	60.00 to 75.00
" " Sprays	2.00 to 6.00
" Sprengeri, Sprays	2.00 to 6.00
Daisies	.50
Callas	10.00
Chrysanthemums, Ordinary	6.00 to 10.00
" Fancy	15.00 to 20.00
Violets, ordinary	.50 to .75
Smilax	15.00
Galax	.20
Common ferns	.20

There is enough stock in all lines to go around. Mums predominate, but there are many fine flowers, especially yellow varieties, with very weak stems, which lowers their value. Carnations and roses are about equal to demand. Violets are coming in freely and only the choicest are cleaned up at list prices.

INCOG.

Buffalo, November 5.

	Per 100
Beauties, Specials	$20.00 to $30.00
" Extra	15.00 to 18.00
" No. 1	8.00 to 12.50
" Shorts	3.00 to 5.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 3.00
Carnots	3.00 to 6.00
Cusins	2.00 to 6.00
Golden Gates	2.00 to 6.00
Kaiserins	3.00 to 8.00
Liberty	3.00 to 10.00
Meteors	2.00 to 6.00
Perles	3.00 to 6.00
Sunrise	3.00 to 6.00
Cattleyas	25.00 to 35.00
Carnations, Commons	.50 to .75
" Selects	1.25 to 2.00
" Fancies	2.50 to 3.00
Adiantum cuneatum	.60 to 1.00
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 2.00
Asparagus Sprengeri, Sprays	1.00 to 2.00
Callas	8.00 to 10.00
Chrysanthemums, ordinary	4.00 to 10.00
" fancy	12.50 to 20.00
Speciosum lilies	3.00 to 5.00
Longiflorum lilies	12.50 to 20.00
Mignonette	2.00 to 3.00
Narcissus	3.00 to 4.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, ordinary	.30 to .50
" extra	.60 to .75

Galax, per 1000, $1.00 to $1.50
Common ferns, per 1000, $1.00 to $1.50

CONSISTENCY.

Why all these efforts to expose the operations of the palm swindler, naming his victims and thus putting them in a position to be chaffed at?

Why publish the doings of the slick individual who passes worthless checks and flaunt the names of his dupes?

Why proclaim the existence of a fraudulent subscription agent?

Why this continual besmirching the practice of the U. S. government in its effort to distribute free seeds, calling it a humbug and a farce?

Why borrow articles from other papers, one in point being entitled "Uncle Sam as a Florist"?

Supposedly to check the evils (real or imaginary) and all will agree that it is eminently the proper course. But perhaps it may be done to give an opportunity for all to form an opinion of the business acumen of those who confess to being duped, or that it offers a chance for certain ones to be continually crying over spilled milk.

It has been said that every evil has a remedy; evidently these are exceptions and the guilty remain in concealment, pointing to each other and saying "Thou art the man." Certainly these evils continue to exist in spite of all efforts, directed or misdirected.

Perhaps the concerted efforts of a Nutmeg State Florists' Club, whose powers are referred to in a recent editorial as being of such magnitude that the withdrawal of their trade from certain parties would result in their non-existence, would prove of service.

Consistency, thou art a jewel: God grant that the straight shoot aiming to grow into a vigorous plant may attain its object, even though the atmosphere around it may be so seeped in the hot breath of the Tammany tiger that truth would almost seem to have ceased to be a virtue.

"Boni nocet, si quis malis pepercerit."
(If one spares the bad he injures the good.) MISDIRECTED EFFORT. (?)

BELLEVILLE, ILL.—This is quite a city for florists. We have six places in operation. We are near St. Louis and are connected by electric cars that run every fifteen minutes. Stock is looking well everywhere. At A. G. Fehr's, Lawson, Dorothy and Flora Hill carnations are throwing some extra fine blooms. Roses look well and fine Golden Gates are being cut.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—On a private place in city or suburbs, by a competent grower of exhibition plants, an all around man. Address Grower, 108 35th street, City.

WANTED—A young man for general greenhouse work; must have some experience. M. I. O'Brien, Sharon, Pa.

SITUATION WANTED—By married man as night fireman; very handy about greenhouses; steady and good worker. Address Ohio, care Florists' Review.

FOR SALE—Flower store with 8000 feet of glass; retail stand; best location. Apply to Wm. Kalisch & Sons, St. Louis, Mo.

FOR SALE—At a bargain, three greenhouses, as follows: one 18x60 ft., one 12x60 ft., one 11x60 ft.; also twenty-four sash 3x6 ft., located in eastern Indiana. Price and particulars on application. Address T, care Florists' Review.

FOR SALE—Good boiler, heating capacity 8000 feet of glass; perfect. George Staffinger, Springville, N. Y.

FOR SALE—A No. 9 Kroeschell boiler that will carry 6000 feet of 4-inch pipe. Has been patched but is as good as new. Have been obliged to put in a larger boiler to take care of additional space, and this is only reason for selling. Cost $375.00 and will sell at half price, f. o. b. Elgin. Geo. Souster, Elgin, Ill.

WANTED—A young man who has a good experience in general greenhouse work as assistant. Must be sober, honest and industrious. Must be well recommended by last employer. State wages expected without board. Address D. F. C., care Florists' Review.

FOR SALE—Greenhouse sites near Wilmington, Del. Wills Passmore, Surveyor, Brandywine, Del.

WANTED—Single man for night work in vegetable and florist greenhouse. A. F. Johnson, Gardner, Mass.

SITUATION WANTED—As plantsman or buyer. Competent and reliable. Address Plantsman, care Shultz, 217 West 68th St., New York.

WANTED—A rapid and successful propagator of carnations. Address J. J., care Florists' Review.

FOR SALE—15 boxes new glass, 16x18, A. D. S., at $4.25 per box. Davis Bros., Morrison, Ill.

FOR SALE—Horizontal tubular boiler (25 H.P.), complete in every way and in good order. Address Samuel Van Bochove, Kalamazoo, Mich.

BARGAIN—If you are looking for a genuine bargain in a first-class greenhouse proposition, write at once for particulars to K., care Florists' Review.

WANTED—Three or four young men as helpers in our rose and smilax house. Apply to Bassett & Washburn, Hinsdale, Ill.

FOR SALE—Horizontal tubular boiler 48x15 with plu hat dome and with thirty-nine 3½-inch flues; very suitable for heating hothouses. Apply to Wisconsin Box Co., Wausau, Wis.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Good retail trade. Address S. S., care Florists' Review.

WANTED—Address of Arthur L. Hilton, formerly of Setauket, N. Y. Address P. H. A. care Florists' Review.

Wanted to Rent

For five or ten years, with intention to buy, on May 1st, 1903, 20,000 to 25,000 square feet of glass in surrounding of forty miles or less from Chicago. No stock wanted. Hot water heat. Everything must be in good condition. Good railroad connection necessary.

Send particulars to

F. P. B., care Florists' Review.

FOR SALE.

Well situated Flower Store in World's Fair City, stock and fixtures complete; store in operation; terms reasonable; best of reasons. Correspond with

ROBERT F. TESSON, Trustee,
4248 Olive Street, ST. LOUIS, MO.

Mention The Review when you write.

WANTED. Cactus Collector's Address.

Send Address to Cactus, care Florists' Review.

ROSES FOR FORCING. 3000 strong 3-in. Brides. Meteors and Golden Gates, $4.00 per 100; $30.00 per 1000. 2-inch, Brides, Meteors and Maids, $2.00 per 100; $20.00 per 1000. Fine healthy stock. 4-in. plumosus, $15.00 100.

W. H. GULLETT & SONS, Lincoln, Ill.

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Always mention the Florists' Review when writing advertisers.

ATTRACTIVE BULBS at Inside Cut Prices

Very Choice Bulbs at Unusually Low Rates.

Lilium Harrisii..... 6 to 7, $25.00 a 1000
" " ..... 7 to 9, $6.00 a 100; 50.00 a 1000
Lilium Longiflorum—Japan...6 to 8, 3.00 a 100; 25.00 a 1000
Tulips—Single, mixed..... .60 a 100; 5.00 a 1000
Dutch Hyacinths—1st size, red, white, blue and pink.....$2.25 a 100; $21.00 a 1000
Narcissus—Von Sion, double, 1st size, 1.30 a 100; 12.00 a 1000
" Double-nosed..... 1.75 a 100; 17.00 a 1000

HENRY F. MICHELL, 1018 Market Street, Philadelphia.

Mention The Review when you write.

FRENCH and DUTCH BULBS. EXCEPTIONAL PRICES to suit existing conditions.

SINGLE NAMED DUTCH HYACINTHS, $3.50 per 100; $30.00 per 1000,

Comprising 40 standard varieties of exceptional quality, large size and true to name and color. These are unusual value but colors will be sent out in equal proportions.

SELECTED SINGLE DUTCH HYACINTHS, 15 to 17 centimeters, separate colors, large bulbs, unsurpassed quality, $2.50 per 100; $22.00 per 1000.

Single Dutch Hyacinths, separate colors, 13 to 15 centimeters, $2.25 per 100; $20.00 per 1000.

French White Roman Hyacinths, 12 to 15 centim., none better offered, $2.25 per 100; $21.00 per 1000.

Paper White Grandiflora Narcissus, large bulbs (1000 to case) 80c per 100; $7.50 per 1000.

Superfine Single Mixed Tulips, 50c per 100; $4.50 per 1000.

JOHNSON & STOKES, - - 217 and 219 Market St., PHILADELPHIA, PA.

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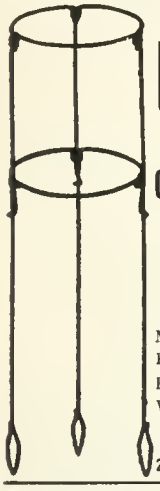

...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles.

Prompt shipment guaranteed.

Pat. July 27, 1897; May 17, 1898.

Write for prices and circulars.

IGOE BROS.

226 N. 9th St., Brooklyn, N. Y.

Fall Bulbs!

COMPLETE STOCK NOW READY.

Bulb Catalogue on application.

Freesias French Grown, 1st size, 100, 60c.; 1000, $4.50. Mammoth, 100, 85c; 1000, $7.50.

Narcissus Paper White, 100, 80c.; 1000, $7.00. Paper White Grand., 100, $1.00; 1000, $8.25.

Callas They are Fine Bulbs...

1¼–1½-inch	$0.75 doz.	$ 5.00 100
1½–1¾ "	1.00 "	7.00 "
2 –2½ "	1.25 "	9.00 "
Mammoth	1.50 "	12.00 "

W. W. BARNARD & CO.,

161-163 E. Kinzie St., CHICAGO.

Mention The Review when you write.

FANCY or DAGGER FERNS, 75c per 1000. Discount on large orders. Galax Leaves, Bronze or Green, $1.00 per 1000. Laurel Festooning, just the thing for summer decorations, only 4c, 5c and 6c per yard.

CROWL FERN CO.,

Telegraph Office, New Salem, Mass.

P. O., MILLINGTON, MASS.

Mention The Review when you write.

1902 CROP ASPARAGUS SEED.

Decumbens, new, superior to plumosus, 100 seeds, $2.25; 1000 seeds, $20.00. **Plumosus nanus,** 100 seeds, $1.00; 1000 seeds, $9.00. **Sprengeri,** 100 seeds, 35c; 1000 seeds, $2.50.

All other high-grade seeds for Florists. Send for a copy of our **Seed Buyer's Guide.**

MOORE & SIMON, Seed Growers,

207 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, November 5.

	Per doz.
Beauties, Specials	$3.50 to 4.00
" Extra	2.50 to 3.00
" No. 1	1.50 to 2.00
" Shorts	.75 to 1.25
Queen of Edgely	1.00 to 4.00
	Per 100
Brides and Maids, Extra	$5.00 to $6.00
" " No. 1	4.00
" " No. 2	1.50 to 2.00
Meteors	2.00 to 5.00
Sunrise	4.00
Golden Gate	2.00 to 6.00
Kaiserins	2.00 to 8.00
Liberty, firsts	10.00 to 15.00
" seconds	3.00 to 8.00
Perles	2.00 to 3.00
Ivory	4.00 to 6.00
Cattleyas	40.00
Carnations, Commons	.75 to 1.00
" Selects	1.50 to 2.00
Adiantum cuneatum	1.00
Valley	2.00 to 5.00
Asparagus plumosus, Strings	35.00 to 50.00
" " Sprays	1.00 to 2.50
Asparagus Sprengeri, Sprays	1.00 to 2.00
Bouvardia	1.50 to 2.00
Callas	8.00 to 10.00
Chrysanthemums, Ordinary	3.00 to 5.00
" Fancy	8.00 to 20.00
Mignonette, Ordinary	1.00 to 1.50
" Fancy	2.00 to 3.00
Smilax	12.50 to 15.00
Violets, Double	.50 to .75
" Single	.25 to .30
Sweet peas	1.00
Pansies	1.00

The cut flower market is still very much overstocked with nearly all kinds of stock. Carnations and tea roses, especially the poorer grades, can be had at buyers' prices, and a great many remain unsold. Chrysanthemums have fallen off in price and are selling much better; at present figures they seem to be preferred to any of the other showy flowers. Double violets are now very fine; S. S. Pennock sold ten thousand sweet peas. Reid and Niessen are handling sweet peas, and Bernheimer some giant daisies.

Timothy Eaton is the highest priced chrysanthemum on the market today; one dozen specials brought $5. Mrs. Perrin and Maud Dean are the best pinks, Grace the best pale pink, Mrs. Parks, Col. Appleton and Major Bonnaffon the best yellows, and George W. Childs the best red. For small, perfect flowers there is no white like Ivory. For large blooms Mrs. Robinson vies with Eaton. PHIL.

Pittsburg, November 5.

	Per 100
Beauties, Specials	$25.00 to 30.00
" Extra	20.00 to 25.00
" No. 1	15.00 to 20.00
" Shorts	5.00 to 8.00
Brides and Maids, Specials	6.00
" " Extra	4.00
" " No. 1	2.00
Cusin	2.00 to 4.00
Kaiserins	2.00 to 8.00
Liberty	2.00 to 8.00
Carnations, Commons	1.00 to 1.50
" Selects	1.50 to 2.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus, Strings	50.00
Chrysanthemums, Ordinary	4.00 to 8.00
" Fancy	10.00 to 20.00
Valley	4.00
Smilax	10.00 to 15.00
Galax	.13
Common ferns	.20
Leucothoe	.00

GEORGE M. MOSS,

WHOLESALE FLORIST,

Beauties, Brides, Maids, Carnations, Chrysanthemums, Smilax and Asparagus.

32 S. 17th St., PHILADELPHIA, Pa.

Long Distance Telephone.

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EDWARD REID,

WHOLESALE FLORIST.

A large Stock of

Roses, Chrysanthemums, Carnations, Valley and other Flowers.

1526 Ranstead St., PHILADELPHIA.

Store closes at 6:30 P. M.
Long Distance Telephone.

Mention The Review when you write.

Eugene Bernheimer

WHOLESALE FLORIST.

Specialties: American Beauties, Queen of Edgely and Chrysanthemums.

11 South 16th Street.
PHILADELPHIA, PA.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

VERY FINE

Smilax, Chrysanthemums, Carnations

1432 South Penn Square, PHILADELPHIA.

Long Distance Telephone.

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PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

Mention The Review when you write.

CUT MUMS

IN ANY QUANTITY

from $5.00 to $25.00 per 100.

JOHN WOLF, - SAVANNAH, GA.

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FOR SOUTHERN WILD SMILAX

(Where Quality is First Consideration.)

Write, Wire or Phone the Introducers

Caldwell The Woodsman Co., Evergreen, Ala.

or their agents: L. J. Kreshover, New York; J. B. Deamud, Chicago; H. Bayersdorfer & Co., Philadelphia; W. F. Kasting, Buffalo; J. M. McCullough's Sons, Cincinnati, Ohio; Vail Seed Co., Indianapolis.

Mention The Review when you write.

SCHLOSS BROS.

533 Broadway, NEW YORK.

Headquarters for Florists' RIBBONS and NOVELTIES.

Telephone No. 3872 Spring.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. NEW YORK.

LILIES AND VIOLETS "THE LILY KING." All Kinds of Flowers and plenty of them.

We have the stock of some of the best violet growers in the country. OUR SPECIALTIES. Reasonable Prices. Square Dealing. Out-of-town florists promptly attended to. Telephone for what you want. We have it.

TELEPHONE NUMBER 2230 MADISON SQUARE.

Mention The Review when you write.

ALEX. J. GUTTMAN, Wholesale Florist.

No better flowers can be found anywhere. Consignments solicited of first-class stock only. Reliable shipments to out-of-town florists made daily. Write us for prices.

Telephone No. 1738 Madison Sq.

52 W. 29th St., NEW YORK CITY.

Mention The Review when you write.

JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK

Beauties, Meteors, Brides and Bridesmaids are the leaders.

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.

ORCHIDS A SPECIALTY.

HEADQUARTERS FOR NOVELTIES

W. GHORMLEY.

THE VIOLET AND CHRYSANTHEMUM HOUSE OF AMERICA.

ALL VARIETIES OF CUT FLOWERS SOLD ADVANTAGEOUSLY FOR CONSIGNORS.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICE.

WHOLESALE COMMISSION.

Telephones {2200 / 2201} Madison Square. 57 West 28th Street, NEW YORK.

Mention The Review when you write.

THE PIONEER HOUSE of the Cut Flower Commission Business. Open every day at 6 a. m. Always "on deck." Your business interests never neglected.

J. K. ALLEN

WHOLESALE FLORIST,

108 W. 28th Street, Tel. No. 168 Madison Sq. NEW YORK CITY

We ship all over the U. S. Out-of-town florists telegraph your needs. Consignments of first-class flowers always realize with us the best market prices.

If years of great success and reputation for stability,
Are proof of first class goods and true reliability,
Then why the shadows follow, why seek elsewhere what you need?
We may not do all the business, but you well know that we lead.

Mention The Review when you write.

MOORE, HENTZ & NASH, Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

Mention The Review when you write.

GEO. SALTFORD,

Author of "HOW TO MAKE MONEY GROWING VIOLETS."

WHOLESALE FLORIST,

46 West 29th Street, NEW YORK CITY.

Telephone No. 3393 Madison Sq.

CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

VIOLETS our specialty.

Mention The Review when you write.

The New York Cut Flower Co.

55 and 57 West 26th Street,

WHOLESALE FLORISTS.

Daily Reports. Weekly Payments.

Tel. 2239 Madison Sq. 2034 Madison Sq. J. A. MILLANG, Manager.

Mention The Review when you write.

Always Mention the.... Florists' Review When Writing Advertiser

Wholesale Cut Flower Prices.

New York, November 5.

	Per 100
Beauties, Specials	$10.00 to $20.00
" Fancies	8.00 to 12.00
" Extras	6.00 to 10.00
" No. 1	4.00 to 6.00
" No. 2	1.00 to 3.00
Queen of Edgely, Specials	10.00 to 20.00
" " Fancies	8.00 to 12.00
" " Extras	6.00 to 10.00
" " No. 1	1.00 to 4.00
Brides and Maids, Specials	4.00 to 6.00
" " Extra	2.00 to 3.00
" " No. 1	1.50 to 2.00
" " No. 2	.50 to 1.00
Carnot	2.00 to 10.00
Cusin	1.00 to 4.00
Kaiserin	4.00 to 8.00
Golden Gates	1.00 to 5.00
Liberty	2.00 to 8.00
Meteors	1.00 to 5.00
Perles	1.00 to 3.00
Cattleyas	15.00 to 25.00
Cypripediums	10.00 to 12.00
Dendrobium formosum	15.00 to 25.00
Carnations, Commons	.25 to .50
" Selects, white	.50 to 1.00
" " pink	.50 to 1.00
" " red	.50 to 1.00
" Fancies	1.00 to 2.00
" Novelties	2.00 to 4.00
Adiantum cuneatum	.50
" Bardii	1.25
" Farleyense	6.00
Asparagus plumosus, Strings	25.00 to 35.00
Plumosus Sprays, $2.00 a doz. bunches.	
Sprengeri Sprays, 2.00 "	
Cbrysanthemums, Ordinary	2.00 to 4.00
" " Fancy	8.00 to 20.00
Harrisii lilies	8.00 to 10 00
Valley	1.50 to 2.50
Violets, Ordinary	.25 to .50
" Extra	.50 to .75
" Specials	.75 to 1.00
Smilax, First Grade	10.00 to 12.00
" Second Grade	6.00 to 10.00
Mignonette, Ordinary	3.00
Dahlias	1.00 to 3.00
Galax, per 1000, $1.00.	

This week shows no actual improvement and practically no change in quotations from last week. A condition of uniform dullness prevails. Everything is abundant, and quality unsurpassed, but "there's nothing doing." But better things are certainly ahead. The election is over, coal is down to $6.50 a ton and the flower buyers are coming back to the city.

ZANESVILLE, OHIO.—Thos. Goodlive has begun the erection of a greenhouse at the entrance to Greenwood cemetery.

AUBURN, N. Y.—John A. Kraus has opened a floral store at 34 Genesee street.

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Special American Beauties, Surpassing Carnations, Lily of the Valley, Orchids and all seasonable flowers.

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TELEPHONE NO. 1914A MADISON.

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Daisies, Cowslips, Jasmine, White Violets, Acacia, Wall Flowers, Camellias (variegated shades) &c.

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Wholesale Florists,
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PERFECTLY HEALTHY—FREE FROM RUST.
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Plants, $2.50 per 100; $20.00 per 1000.
Our list is the choice from millions of seedlings.
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Also **HARDY FERNS, GALAX LEAVES, PINE AND LAUREL WREATHING.**
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Wholesale Cut Flower Prices.

Boston, November 5.

	Per 100
Beauties, Specials	$30.00
" Extra	25.00
" No. 1	16.00
" Shorts	6.00 to 10.00
Queen of Edgely, same as Beauties.	
Brides and Maids, Specials	8.00 to 10.00
" " Extra	4.00 to 8.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00
Carnots	2.00 to 8.00
Golden Gates	2.00 to 6.00
Kaiserins	2.00 to 10.00
Liberty	1.00 to 8.00
Meteors	1.00 to 8.00
Morgans	1.00 to 8.00
Carnations, Commons	.50 to 1.00
" Selects	1.00 to 1.50
" Fancies	2.00 to 3.00
Callas	10.00
Longiflorum lilies	10.00
Valley	3.00 to 5.00
Smilax	10.00 to 12.50
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 2.00
" Sprengeri, Sprays	1.00 to 2.00
Violets	.50 to 1.00
Galax	.15
Common Ferns	.10
Mignonette	1.00
Chrysanthemums, Ordinary	2.00 to 6.00
" Fancy	8.00 to 30.00

PLATTSMOUTH, NEB.—Mr. L. A. Moore says his wife frequently receives letters and circulars addressed to her and relating to the business as though she were engaged in same, whereas such is not the case. He is himself engaged in the business, but his wife is not. Mailing lists should be corrected accordingly.

ANNA, ILL.—The twenty-ninth annual meeting of the Horticultural Society of Southern Illinois will be held here Nov. 25 and 26. Full details may be had by addressing the secretary, E. G. Mendenhall, Kinmundy, Ill.

HARDY CUT DAGGER and FANCY FERNS.
A-No. 1 quality, $1.00 a 1000.
Brilliant Bronze and Green Galax $1.00 per 1000 in 5000 lots.
Orders by mail, telephone or telegraph promptly attended to.
Discount on large orders.
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10,000....$1.50; 50,000....$6.25
3000 6-Inch Wired Flag Sticks, $1.20
Samples free. For sale by dealers.
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2688 BROADWAY.
J. AUSTIN SHAW, Manager

SEND ADVS. NOW
for our SPECIAL
Thanksgiving Number....
to be issued November 13.

Wholesale Cut Flower Prices.

Chicago, November 5.

	Per doz.
Beauties, 36 to 40-inch stems	$3.00
" 30-inch stems	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.25
" 12 "	1.00
" 8 to 10-inch stems	.75
" Shorts	.50

	Per 100.
Bridesmaids, Specials	5.00 to 6.00
" Firsts	4.00
" Seconds	3.00
" Culls	1.00 to 2.00
Brides, Specials	5.00 to 6.00
" Firsts	4.00
" Seconds	3.00
" Culls	1.00 to 2.00
Perles, Firsts	4.00
" Seconds	2.00 to 3.00
Liberty, Specials	10.00 to 12.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Golden Gate, Firsts	5.00
" Seconds	3.00 to 4.00
Meteor, Firsts	3.00 to 5.00
" Seconds	2.00
La France	8.00 to 10.00
Mme. Chatenay, Firsts	8.00
" Seconds	4.00 to 6.00
Sunrise	4.00 to 6.00
Ivory, Firsts	10.00
" Seconds	4.00 to 6.00
Carnations, Selects	2.50 to 3.00
" Commons	1.50 to 2.00
" Culls	.50 to 1.00
Valley	3.00 to 5.00
" seconds	1.50 to 2.00
Roman hyacinths	4.00
Violets, extra	1.00 to 1.25
" common	.40 to .75
Harrisii lilies	12.00 to 16.00
Chrysanthemums, Fancy	16.00 to 25.00
" Ordinary	5.00 to 12.00
Smilax	8.00 to 12.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" Sprays	1.00 to 2.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

The cooler weather did not remain long, and it has been remarkably warm for the season; in fact, almost summer temperature at times. As a result the supply is still unwieldy, though trade is undoubtedly very fair for the season. The fact that carnation blooms from plants outside are still being received at this late date tells the story of the remarkable weather this fall.

The quality of roses continues to improve, with the best growers, but there is an enormous quantity of undergrade stuff coming in and this is the most difficult to move.

The changes from the quotations of last week are very few and slight. There are oceans of violets. The chrysanthemum situation remains practically unchanged.

Baltimore, November 5.

	Per 100
Beauties, Specials	$25.00
" No. 1	$12.00 to 16 00
" Shorts	5.00 to 10.00
Golden Gate	3.00 to 6.00
Brides and Maids	3.00 to 5.00
Kaiserins	3.00 to 5.00
Liberty	3.00 to 5.00
Meteors	2.00 to 4 00
Perles	2.00 to 4.00
Carnations, Commons	.60 to .75
" Selects	1.00 to 1.50
Chrysanthemums, Ordinary	2.00 to 6.00
" Fancy	8.00 to 20.00
Adiantum cuneatum	1.00
Asparagus plumosus, strings	25.00 to 75.00
Callas	8.00
Smilax	8.00 to 20.00
Violets	.50 to 1.00
Valley	3.00 to 4.00
Mignonette, Ordinary	1.00

Outdoor stuff has practically disappeared after one freeze. Trade fair to good. Many weddings and social affairs create general demand. Prospects favorable to satisfactory season. Weather perfect.

JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
51 Wabash Avenue, - - CHICAGO.
GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598
Mention The Review when you write.

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THE "OLD RELIABLE" FOR
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Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
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Wholesale Growers of and Dealers in Cut Flowers.
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Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

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Two Daily Shipments from my greenhouses.
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Valley. Valley. Valley.
GET BRUN'S CELEBRATED VALLEY for the show and you will have the best.
Large quantities always on hand at Chicago Market Prices.
Finest Cold Storage Pips, $15.00 per 1000: $1.50 per 100.
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CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

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Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
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F. F. BENTHEY, Manager. Wholesale and Commission FLORISTS
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MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

Let us figure with you for fancy Ferns the year round. Everything in season.
26 MIAMI AVENUE, Detroit, Mich.

Headquarters for Michigan's Famous MT. CLEMENS VIOLETS.

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Wholesale Cut Flower Prices.

St. Louis, November 5.

	Per doz.
Beauties, Specials	$3.00 to $3.50
" Extra	2.50 to 3.00
" No. 1	1.50 to 2.00
" Shorts	.60 to 1.00
	Per 100
Brides and Maids, Specials	$3.00 to $5.00
" " Extra	2.50 to 4.00
" " No. 1	1.00 to 3.00
" " No. 2	.75 to 2.00
Carnots	1.50 to 5.00
Golden Gates	2.00 to 4.00
Kaiserin	2.00 to 5.00
Liberty	2.00 to 6.00
Meteor	1.50 to 4.00
Perle	1.00 to 4.00
Sunrise	1.00 to 4.00
Carnations, Commou	.75 to 1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 3.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" " Sprays	1.50
" Sprengeri, Sprays	1.50
Chrysanthemums, ordinary	4.00 to 8.00
" fancy	10.00 to 20.00
Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Tuberoses	3.00 to 4.00
Violets	.25 to .35
Galax	.15
Common Ferns	.15

Cincinnati, November 5.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	10.00 to 15.00
" Shorts	3.00 to 6.00
Brides and Maids, Extra	3.00 to 5.00
" " No. 1	2.00
" " No. 2	1.00
Golden Gates	2.00 to 5.00
Liberty	2.00 to 5.00
Meteor	2.00 to 4.00
Carnations, Commons	.50 to 1.00
" Fancies	2.00 to 3.00
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus	35.00 to 50.00
Asparagus Sprengeri	25.00 to 35.00
Valley	4.00
Chrysanthemums, Ordinary	4.00 to 8.00
" " Fancy	12.50 to 25.00
Violets, Ordinary	.25 to .50
Smilax	12.50 to 15.00
Galax, per 1000, $1.00	.15
Leucothoe	.50
Common Ferns	.15

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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WHOLESALE FLORISTS.

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No better to be had, at $5.00 per 100.
Medium grades also.

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GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Detroit, November 5.

	Per 100
Beauties, Specials	$30.00
" Extra	25.00
" No. 1	15.00 to 20.00
" Shorts	5.00
Brides and Maids, Specials	6.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2.00
Golden Gates	3.00 to 6.00
Kaiserins	3.00 to 8.00
Meteors	3.00 to 6.00
Perles	3.00 to 6.00
Carnations, Commons	1.00 to 2.00
" Selects	2.50 to 3.00
" Short whites	.75
Adiantum cuneatum	1.00 to 1.50
Asparagus plumosus, Strings	50.00 to 75.00
Asparagus Sprengeri, Sprays	1.00 to 2.00
Chrysanthemums, Ordinary	3.00 to 6.00
" Fancy	8.00 to 18.00
Harrisii lilies	10.00 to 20.00
Valley	5.00 to 6.00
Smilax	12.50 to 15.00
Violets, Double	.50 to 1.00
Sweet peas	.50 to .75
Galax, per 1000, $1.00.	
Common ferns, per 1000, $1.00.	

The weather has been splendid. Has cooled off enough not to rush the chrysanthemum crop, but the demand is not equal to the supply yet, for there were too many mums grown. Carnations and roses are moving better, but prices are low, though the grade is up to the standard. American Beauties are holding out, both in price and demand.

Cosmos are very fine and moving rapidly. Violets are much improved and sell well, good stock bringing 75 to 90 cents per 100. Sweet peas have made their start with Blanche Ferry in the lead. Callas are coming slow, but good stock. Good smilax none too plentiful.

DILGER.

The Cincinnati Cut Flower Co.,

437-439 Main St., CINCINNATI, O. Wholesale Florists.

Consignments Solicited.
Special Attention given to Shipping Orders.

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IF YOU WANT GOOD STOCK FOR THANKSGIVING DAY

Place your order at once with

FRANK M. ELLIS,

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The largest Wholesaler in ST. LOUIS.

CHRYSANTHEMUMS, ROSES, VIOLETS, VALLEY and CARNATIONS in grades to suit all buyers.
We could handle a few more consignors of first-class stock who appreciate good treatment. Long Distance Tel. Main 2018 M.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, in variety, 2¼-in., $2.50 100.
R. Vincent, Jr., & Son, White Marsh, Md.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALYSSUM.

Giant and dwarf dbl. alyssum, 2¼-in., $2.00 100. R. Vincent, Jr., & Son, White Marsh, Md.

ARAUCARIAS.

Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
JULIUS ROEHRS, Rutherford, N. J.

ASPARAGUS.

Asparagus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100.
NATHAN SMITH & SON, Adrian, Mich.

ASPARAGUS SPRENGERI, strong plants from flats, $1.00 per 100, $7.50 per 1,000, $25.00 for 5,000. Cash.
PHILIPPI BROS., Citrus Nurseries, Rocklin, Placer Co., Cal.

Asparagus plumosus out of 3-in. pots, ready for 4-in., strong and healthy, $6.00 100.
Wm. Schwan, 89 Risley St., Fredonia, N. Y.

Asparagus plumosus, 3-in., 5c; 5-in., 25c. Fine plants in fine condition.
Crown Point Floral Co., Crown Point, Ind.

Field-grown Asparagus Sprengeri, at $3.00, $5.00 and $7.00 per 100.
C. WINTERICH, Defiance, Ohio.

Asparagus Sprengeri, nice 2½-in. stock, $2.50 per 100, $20.00 per 1000.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Asparagus, Sprengeri, fine 2½-in., $2.00 100; 2-in., $1.25 100.
Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

ASPARAGUS PLUMOSUS, 2¼-in., strong, $3.00 100. Cash.
JOS. H. CUNNINGHAM, Delaware, O.

Asparagus plumosus, strong and bushy, 3-in., $5.00 100. W. C. Beckert, Allegheny, Pa.

A. Sprengeri, 1,000 3-in., $2.00 100; $18.00 1,000. Gulf Coast Nurseries, Dickinson, Tex.

2000 Asparagus plumosus, 2x2½-in., nice bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus Sprengeri, 3-in., nice plants, $4.50 100. J. B. Heiss, Dayton, O.

Asparagus Sprengeri, 3-in., extra fine, $2.50 per 100. Gesler & Drury, Galesburg, Ill.

Asparagus Sprengeri, 4-in., $5.00 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Asparagus Sprengeri and plumosus. Write.
Geo. A. Kuhl, Pekin, Ill.

Asparagus tenuissimus, 3½-in. pots, $3.50.
C. M. NIUFFER, Springfield, O.

Asparagus plumosus, 4-in., $15.00 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus, 2½-in., $4.00 100.
H. STEINMETZ, Raleigh, N. C.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra, 4-in. pots, 6c per leaf. Cash with order. Chas. P. Gulick, Kingston, N. J.

AZALEAS.

Azalea indica, leading varieties, now ready.
F. W. O. Schmitz, Prince Bay, N. Y.

Our AZALEAS are in splendid condition. Don't place your order until you have inspected our stock and been quoted prices on same.
BOBBINK & ATKINS, Rutherford, N. J.

BAY TREES.

Box Trees, Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

BEGONIAS.

Mrs. Shepherd's TREE BEGONIA, assorted 2½-in. pots, strong, $2.00 doz., delivered. MAJORIE DAW, fine winter bloomer, 2½-in. pots, $1.60 doz., delivered. Other varieties in great variety. Send for catalogue and trade lists.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

Benegias. Rubra, Pres. Carnot, argenteo-guttata, metallica, 2½-in. pots, $2.50.
Manicata, 3-in. pots, very fine, $5.00.
C. M. NIUFFER, Springfield, O.

Begonia incarnata, the most useful begonia for winter-flowering, 3-in., $8 100.
N. SMITH & SON, Adrian, Mich.

BERRIED PLANTS.

Jerusalem cherries, well-berried plants, for 5-in. pots, $15.00 per 100.
A. SCHMITT, Glenville, Ohio.

BUSINESS BRINGERS—
REVIEW Classified Advs.

BULBS.

BULB BARGAINS.

HYACINTHS.

	100.	1000.
French Roman White, 11x12	$1.60	$15.00
" " " 12x13	1.75	16.00
" " " 11x15	1.85	17.00
" " " 12x15	2.00	19.00
" " blue or rose, 12x15	2.00	18.00
Italian White (red skins), 14x18	2.25	20.00

NARCISSUS.

Paper White Grandiflora, mammoth	.80	7.50
" " " 13 ctm. up	.75	6.75
Trumpet Major, French earliest forcer	.90	8.00
Van Sion, extra double-nosed	1.80	17.00
Van Sion, extra large, many flowered	1.60	15.00
Princeps, great forcer	.80	7.00
Golden Spur, large bulbs	1.75	16.00
Mixed Single Trumpets	.75	6.00
Mixed Single or Double Narcissus	.75	6.00
Jonquil Rugilobus, large bulb	.60	5.00

TULIPS.

We mention only a few sorts.

Belle Alliance	1.20	11.00
Keizerskroon	.90	8.75
Pottebakker, scarlet	1.00	9.00
Duc van Thol, scarlet	.90	8.00
La Reine	1.75	6.50
Single mixed Superfine	.60	5.00
La Candeur	.80	7.50
Imperator Rubrorum	1.75	16.00
Mixed double choicest	.75	6.00

CALLAS.

Ethiopica, sound center shoots, 4x6-inch circumf	4.50	40.00
Ethiopica, sound center shoots, 5x7-inch circumf	6.25	60.00
Allium Neapolitanum	.40	3.50
Gladioli Colvillei Alba, fine forcer.	.50	4.00

LILIES.

Lil. Candidum, 2d size, fine plump bulbs	3.50	30.00
Lil. Longiflorum, Japan grown, 7x9	3.75	35.00
" " " " 9x10	5.75	55.00
" " " " 10x11	8.00	

Longiflorum Multiflorum 20 per cent to 25 per cent advance.
H. H. BERGER & CO., 47 Barclay St., N. Y.

ATTRACTIVE BULBS at cut prices.

	100,	1000
Lilium Harrisii, 6 to 7		$25.00
7 to 9	$6.00	50.00
L. longiflorum (Japan), 6 to 8	3.00	25.00
Dutch hyacinths, 1st size	2.25	21.00
Tulips, single mixed	.60	5.00
Narcissus Von Sion, 1st size	1.30	12.00
Double-nosed	1.75	17.00

H. F. MICHELL,
1018 Market St., Philadelphia, Pa.

Send for special low prices on DUTCH HYACINTHS for forcing or bedding, and LILIUM LONGIFLORUM.
J. M. Thorburn & Co., 36 Cortlandt St., New York.

FRENCH AND DUTCH BULBS.

Single named Dutch hyacinths, $3.50 100; $30.00 1,000. Comprising 40 standard varieties of exceptional quality, large size and true to name and color.

Selected single Dutch hyacinths, 13 to 15 cms., separate colors, large bulbs, $2.50 100; $22.00 1,000.

Single Dutch hyacinths, separate colors, 13 to 15 cms., $2.25 100; $20.00 1,000.

French white Roman hyacinths, 12 to 15 cms., none better offered, $2.25 100; $21.00 1,000.

Paper white grandiflora narcissus, large bulbs (1,000 to case) 80c 100; $7.50 1,000.

Superfine single mixed tulips, 50c 100; $4.50 1,000.
JOHNSON & STOKES,
217 and 219 Market St., Philadelphia, Pa.

GLADIOLI, finest mixed, $1.50 to $4.00 per 1,000. ISMENE CALATHINUM, $3.00 to $5.00 per 100. Double TIGER LILY, $2.25 per 100. OXALIS, 5 fine varieties, named, 50 to 60c per 1,000; mixed, $30.00 per 100,000. SPOTTED CALLA, strong, $2.00 per 100. MADEIRA VINE, $5.00 to $10.00 per 1,000. List free. E. Y. TEAS, Centerville, Ind.

Gladiolus. Choice mixture of light shades and pinks and of Lemoinei and Childsi of all sized bulbs and any amount from one to fifty thousand. Cannas, Golden Glow, Iris Ksempferi. Choice varieties of Dahlias, all strong roots. Write for prices. Riverdale Farm, J. B. Bridge, Supt., Grand Rapids, Wis.

Lilium Harrisii, 7 to 9, $80.00 1,000; Roman hyacinths, 12 to 15 cms., $22.00 1,000. Narcissus paper white grand. 13 cms. and up, mammoth bulbs, $8.00 1,000. The above have just arrived and prices are for immediate orders. All Dutch and Japan bulbs now on hand.
F. W. O. SCHMITZ, Prince Bay, N. Y.

FALL BULBS. Complete stock now ready. Bulb catalogue on application.
W. W. BARNARD & CO., 161 Kinzie St., Chicago.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
JAMES VICK'S SONS, Rochester, N. Y.

No. 2 Excelsior Pearl tuberoses, 3 to 4 inches in circumference, and Caladium esculentum bulbs.
Z. J. Carter & Son, Wallace, N. C.

CALLA BULBS. Extra large-sized bulbs, to close out, $6.00 per 100.
LIVINGSTON SEED CO., Columbus, O.

Send to us for our SPECIAL low prices on SURPLUS BULBS.
BOBBINK & ATKINS, Rutherford, N. J.

BULBS cheap to close out. Send me a list of what you need.
C. H. JOOSTEN, 178 Chambers St., New York.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Ex. Pearl tuberose and Caladium esc. bulbs.
Jno. F. Croom & Bro., Magnolia, N. C.

CANNAS.

CANNAS.

3000 Pres. McKinley.	2000 Chicago.
1000 A. Bouvier.	500 Chas. Henderson.
500 Duke of Marlborough.	500 Gov. Roosevelt.
	500 Flamingo.
500 Cuba.	1000 Defender.
500 St. George Hillaire.	1000 Yellow Crozy.
1000 Fl. Vaughan.	500 Allemania.
500 Kronos.	500 Admiral Dewey.
1000 Mlle. Berat.	200 Kate Gray.
1000 Alba Rosea.	

At $12.00 per 1000, or the whole lot to one party at $10.00 per 1000.
C. G. NANZ, Owensboro, Ky.

Strong field-grown clumps of Duke of Marlborough, Florence Vaughan, Pres. Cleveland, Henderson, A. Bonvier, Robt. Chrisile, Queen Charlotte, Sophie Buchner, Austria, $15.00 100.

Egandale, Antoine Crozy, Trelease, Pres. Carnot, Chicago, Besute Poitevine, Martha Washington, $25.00 100. Save express charges by ordering at once by freight.
STORRS & HARRISON CO., Painesville, O.

Strong field-grown clumps of Chas. Henderson, Egandale, Austria, Burbank, Robt. Christy, Leonard Vaughan and Robusta, $13.00 per 100. Cash with order. Can be shipped by freight.
LIVINGSTON SEED CO., Columbus, O.

Cannas, fall delivery. Italia, Austria, A. Bouvier, Alsace, Burbank, $1.50 100; $12.00 1,000. Sample bulbs, prepaid, 25c. Write us.
MANGELSDORF BROS CO., Atchison, Kan.

Strong field-grown clumps of Fl. Vaughan, Austria and Burbank, mixed, at $5.00 per 100 if taken at once. C. W. Noyes, Prophetstown, Ill.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want? Write Benj. Connell, West Grove, Pa.

Cannsa. Chas. Henderson, Fl. Vaughan, Queen Charlotte and other good varieties; field clumps or divided to two or three eyes.
Jos. Dunn, Orr's Mills, N. Y.

CAREX.

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100. N. Smith & Son, Adrian, Mich.

CARNATIONS.

FIELD-GROWN CARNATIONS.

	1st size.		2d size.	
2000 Norway	$8.00	100	$6.00	100
1000 Flora Hill	6.00	100	5.00	100
1500 Mermaid	6.00	100	5.00	100
500 Egypt	5.00	100	4.00	100
500 Maceo	5.00	100	4.00	100
300 Gov. Roosevelt			5.00	100
200 Lorna			6.00	100
300 Queen Louise			6.00	100

W. E. HALL, Clyde, Ohio.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1,000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Strong, healthy, field-grown carnation plants ready for planting:

100	1000	100	1000
Bradt $7.00	$60.00	Lord.....$5.00	$40.00
Marquis .. 6.00	50.00	Melba..... 5.00	40.00
Scott..... 4.00	30.00	M'Richm'd 5.00	40.00
McGowan. 4.00	35.00		

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

MURPHY'S WHITE, the commercial white carnation, will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1,000.
WM. MURPHY, 130 East Third st., Cincinnati, O.

SPECIAL OFFER to close out stock—CROCKER and MARQUIS, $4.00 100. We also have a limited number of Scott, Daybreak, Eldorado and Jubilee. Let us know your wants and we will make you prices.
Union St. Greenhouse Co., Geneva, N. Y.

Two sisters, MARIAN and DORA, are on the way. Keep your eyes open. Both white. Orders booked now and cuttings sent as soon as ready in January next. Price: $5.50 per 100, $45.00 per 1000.
Isaac A. Passmore, Route 7, Westchester, Pa.

LILLIAN POND, the largest and best white—it's a money-maker for all of you. Delivery commences Jan. 1, 1903. Prices: 12 $1.50, 25 $3.00, 50 $5.00, 100 $10.00, 250 $23.00, 500 $37.50, 1000 $75.00.
S. J. REUTER, Westerly, R. I.

Rooted carnation cuttings ready Dec. 1. Satisfaction guaranteed and express charges prepaid. See displayed adv. in this issue for varieties and prices.
CALIFORNIA CARNATION CO., Loomis, Cal.

Strong, healthy, field plants grown on high land. McGowan 3c, Crane, Crocker, Joost, Portia, Scott, Eldorado, Daybreak and Victor, 4c; Norway, 5c. J. J. Styer, Concordville, Pa.

Carnations. 125 White Cloud and 175 Daybreak, the lot for $10.00 cash. They are large plants, in fine condition and are a bargain at the price. S. J. Galloway, Eaton, O.

FIELD-GROWN CARNATION PLANTS.
Prosperity, Marquis, Evanston and Joost at $3.00 per 100; $25.00 per 1000.
GEO. REINBERG, 51 Wabash Ave., Chicago.

Reduced price on field-grown carnations. Triumph, Morning Glory, Joost, Marquis, Prosperity and Lord, $5.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Strong field-grown Joost, $3.00 100, $25.00 1000. Cash. Dann & Son, Westfield, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM STOCK PLANTS. White and Yellow Fitzwygram; White, Yellow and Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wanamaker, Sunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Perrin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100. Stock will be shipped as soon as cut down.
POEHLMANN BROS. CO., Morton Grove, Ill.

Strong stock chrysanthemum plants, Appleton, Premo and Lady Harriett, $8.00 per 100. Robinson, Daskov and Pacific, $6.00 per 100. Cash.
JOHN H. VESEY,
201 No. Denver Ave., Kansas City, Mo.

Chrysanthemum stock plants. Robinson, Queen, Golden Gate, Philadelphia, Blackhawk and other leading varieties; fine plants; $6.00 $100; 75c dozen.
MAX SCHREIBER, Box 570, McDonald, Pa.

Stock chrysanthemum plants, strong and healthy, full of young growth, of the following varieties: Fitzwygram, white and pink Glory of Pacific, Monrovia and Robt. Halliday, two best early yellows; Kalb, Willowbrook, Bergmann, J. K. Shaw, October Sunshine, Fee du Champsaur, Ivory, Bonnaffon, Col. Appleton, Timothy Eaton, Holst, Evangeline, Viviand-Morel, Chas. Davis, Mongolian Prince, Intensity, H. A. Parr, Mrs. Perrin, E. D. Smith, Eaton, Pennsylvania, Philadelphia, Arab, Adula, Helen Bloodgood, T. L. Parks, Chadwick, F. B. Hayes, White Bonnaffon, Yanoma, Rieman, Walleroo, R. Hooper Pearson, etc., 10c each; $1.00 doz.
GUNNAR TEILMANN, Marion, Ind.

Stock chrysanthemum plants, good, healthy stock of the following varieties: Bergmann, Pacific, Robinson, Pink and White Ivory, Sunderbruch, Whilldin, Bonnaffon, Maud and Effie Dean, Golden Wedding, $5.00 per 100.
Wagner Park Conservatories, Sidney, O.

Stock chrysanthemum plants. White and yellow Fitzwygram, Ivory, Dalskov, white and yellow Jones, Bergmann, Robinson, Primo, etc., $8.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants now ready. Polly Rose, Major Bonnaffon, Glory of the Pacific, $1.00 per dozen. Cash with order. B. Merkel & Sons, 6th St. and Broadway, Carlstadt, N. J.

CHRYSANTHEMUM STOCK PLANTS at 10c each, $1.00 doz., $8.00 100. For list of varieties see displayed adv. in this issue.
A. N. PIERSON, Cromwell, Conn.

Stock plants of Kalb, Ivory, Bonnaffon, white and yellow Robinson, and Col. Appleton, $6.00 100. Crabb & Hunter, Grand Rapids, Mich.

Orders booked now for stock mums. Best standard varieties, $1.25 per doz. Cash.
GEO. HARRER, Morton Grove, Ill.

Stock plants of Lady Harriett, B. Halliday and J. K. Shaw, $6.00 100.
G. D. Lotze, Jr., Glen Burnie, Md.

Chrysanthemum stock plants. Write for varieties and prices.
H. Weber & Sons, Oakland, Md.

Stock plants of early varieties of chrysanthemums ready now.
GEO A. KUHL, Pekin, Ill.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

CINERARIAS.

Cineraria grandiflora, extra strong, ready for 3½-in., $1.50 100. Cash.
J. W. MILLER, Hatton, Pa.

Cinerarias, strong 3-in. stock, $4.00 per 100; 5-in., $10.00 per 100.
James Frost, Darke Co., Greenville, Ohio.

Cineraria stellata, from 2 to 4 ft. high, 3-in. pots, $5.00 100.
N. SMITH & SON, Adrian, Mich.

Cinerarias, 3-in., strong frame-grown stock, $5.00 100. C. Winterich, Defiance, Ohio.

Cinerarias, 4-in. Extra nice plants.
GEO. A. KUHL, Pekin, Ill.

CLEMATIS.

Finest purple, white, lavender and pink clematis, 2-yr. field-grown, or from 5-in. pots, 15c; 1-yr. field-grown, or from 3-in. pots, 9c. C. paniculata, fine 2-yr. field-grown, 6c. Cash.
W. H. SALTER, Rochester, N. Y.

Clematis apiifolia, a fine variety; strong plants from 3-in., $8.00 100.
P. J. BERCKMANS CO., Augusta, Ga.

Clematis paniculata, pot-grown, $2.00 100; $15.00 1,000. C. G. Nanz, Owensboro, Ky.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

The new winter-flowering coleus, Thyrsoides. Rooted cuttings, $2.00 100.
J. A. WIBE, Downers Grove, Ill.

Coleus, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

CROTONS.

Crotons, different varieties from 3 to 3½-in. pots, $5.00 per 100. Cash.
Geo. Rentschler, Alexandria, Ind.

CYCLAMEN.

Why not fill up after mums with GOOD CYCLAMEN PLANTS, all set with buds, sure to be in at Thanksgiving and Christmas. Elegant stock, 4-in., $10.00 100; 6-in., $40.00 100. Better get them when there is no danger from frost. Satisfaction guaranteed.
GEO. A. RACKHAM, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen, well set with buds, 4-in., $12.00; 5-in., $18.00 and $25.00.
C. WINTERICH, Defiance, Ohio.

CYCLAMEN PERSICUM SPLENDENS GIGANTEUM, a splendid stock of plants, well-budded, from 3-in. pots, $6.00 per 100; from 3½-in. pots, extra fine, in bud and bloom, $10.00 per 100; $90.00 per 1000.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen giganteum, strong plants, showing buds nicely. They are fine stock. 3-in., $6.00 100. Cash with order.
LOUIS BAUSCHER, Freeport, Ill.

500 Cyclamen giganteum, best strain, mixed colors, 2¼-in. pots, $2 and $5 per 100. Cash.
Jay Lingenfelter, Akin, N. Y.

Cyclamen giganteum, 3-in., $5.00; 4-in., well-budded plants, ready for 5-in., $10.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, 100 4-in., well set with buds, $8.00. Cash.
J. W. MILLER, Hatton, Pa.

DAHLIAS.

Dahlias, leading florists' cut-flower varieties. Special prices to close out surplus. $5.00 per 100; $45.00 per 1,000. Heavy clumps, just as dug from field; will divide into from four to fifteen strong roots. A. D. Livoni, sea shell pink; C. W. Bruton, large yellow; Nymphaea, flesh pink; Prince Charming, rose pompon, Snowclad, pure white pompon; Wm. Agnew, dazzling scarlet.
Elm City Nursery Co., New Haven, Conn.

DAISIES.

Daisies, red and white; large plants, 35c 100, $2.50 1000. J. C. Schmidt, Bristol, Pa.

Chrysanthemum frutescens, white and yellow, $1.00 100. Buckley Plant Co., Springfield, Ill.

Dark-red sweet williams, 50c per 100.
GEO. ENGEL, Xenia, Ohio.

DEUTZIAS.

Deutzia gracilis, pot-grown, $1.50 doz.; $12.00 100.
BOBBINK & ATKINS, Rutherford, N. J.

DRACÆNAS.

Dracaena indivisa from flats, 50c 100; $4.00 1,000. Wm. Stuppe, Westbury Station, N. Y.

Dracaena indivisa, field or pot-grown, 5-in., $20.00 per 100. A. SCHMITT, Glenville, Ohio.

FERNS.

FERNS OUR SPECIALTY. Come to headquarters with your orders. We have added another large range of greenhouses to our estsblishment and can offer you unlimited quantities of JARDINIERE FERNS, fine, stocky plants, from 2¼-in. pots, in 15 of the best varieties, at $3.50 100; $30.00 1000. SAMPLES FREE. From 3-in. pots, for larger jardinieres, including all the leading varieties, $8.00 100; $75.00 1000.
4-in. stock, fine as specimen plants, or for large jardinieres and basket work, well-grown stock, very compact, in the following varieties: PTERIS ARGYRAEA, PT. CRETICA CRISTATA, PT. CRISTATA MAJOR, PT. CRETICA ALBO-LINEATA, CYRTOMIUM FALCATUM, SITOLOBIUM CIRCUTARIA, ASPIDIUM TENSIMENSE and ALSOPHILA AUSTRIALIS, $16.00 100, $150.00 1000.
ADIANTUM CUNEATUM, 4-in. plants, $16.00 100, $150.00 1000; 5-in. plants, $25.00 100.
ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, New Jersey.

Adiantum capillus veneris, best for fern dishes and other decorative work, 2½-in., $3.00 100. Adiantum capillus veneris imbricatum, 2½-in., $5.00 100. Nephrolepis davalliiodes furcana has no equal as a Christmas plant, 5 and 6-in. pans, $5.00 and $6.00 per doz. Pteris cretica albolineata, variegated; useful and pretty, 2½-in., $3.00 100. N. SMITH & SON, Adrian, Mich.

Lygodium scandens, the Japanese climbing fern, far superior to smilax and equal to Asparagus nanus for cutting; 100 planted now will make 100 to 150 yards of fine decorative foliage for Easter, worth from 25c to 40c per yard. Try it and be convinced. $1.00 per 100 postpaid. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

Sturdy cool-grown ferns, $1.25 100; $10.00 1000. Pteris tremula, P. hastata, P. sulcata, lomarias, lygodiums, gymnogrammes, adiantums, onychiums, etc. Clarke & Ley, Thunderbolt Ferneries, Savannah, Ga.

Ferns for jardinieres, 2¼-in. pots, $3.50 100, $30.00 1000. All the finest varieties, including Aspidium tenssemense in any quantity.
BOBBINK & ATKINS, Rutherford, N. J.

Orders booked now for the new Nephrolepis fern, ANNA FOSTER. Small plants $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Ferns for fern dishes, etc. Extra strong stock, fine assortment. Let us quote prices on your needs, large or small quantities.
BEARD BROS., 1248 W. Fort st., Detroit, Mich.

Boston ferns; fine stock; all sizes.
GEO. A. KUHL, Pekin, Ill.

FERNS—Continued.

Boston ferns, 2½ in., $6.00 100; 3-in., $10.00; 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., $1.00; 8-in., $1.25.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Nephrolepis Bostoniensis, 2½, 3, 4, 5 and 6-in. Call or write. Prices right. Ludwig Mosback, 8500 Anthony Ave., So. Chicago, Ill.

Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontar St., Philadelphia, Pa.

Ferns. Boston, 4-in. pots, $8.00; 2½-in. pots, $2.50. Swords, 4-in. pots, $6.00.
C. M. Niuffer, Springfield, O.

BOSTON FERNS, 6-in., $0.00 doz. Ferns for fern dishes, 2 and 2½-in., 2½c.
Crown Point Floral Co., Crown Point, Ind.

Nephrolepis cordata compacta, strong 2½-in., $2.50 100; 500 for $10.00 cash.
HENRY ERNST & SON, Washington, Mo.

FEVERFEW.

Strong rooted cuttings of feverfew, Little Gem, 75c 100.
Buckley Plant Co., Springfield, Ill.

GARDENIAS.

Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIEBRECHT & SON, New Rochelle, N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

GERANIUMS.

GERANIUMS.	100.	1000.
S. A. Nutt, Heteranthe and Buchner.	$1.25	$10.00
Perkins, Poiteviue, Landry & Riccard.	2.00	15.00
Viaud and Castellane.	2.50	20.00
Bonnet, Castris, Acteon, Harrison, Jaulin, La Favorite and Le Pilot.	1.50	

ALBERT M. HERR, Lancaster, Pa.

Good, strong, well-rooted geraaium cuttings of S. A. Nutt, La Favorite, R. R. Gosselin and an extra fine dbl. scarlet at $1.50 per 100; $14.00 per 1000. E. Gattell and Paul Bruant, $1.25 per 100. Cash with order. Logan Ave. Greenhouses, R. R. No. 2, Danville, Ill.

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Strong apple geraniums, 2½-in., $3.00 100.
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Geraniums. Rooted cuttings and 2½-in.
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Gladiolus May, blooming-size bulbs, 30,000 at $7.00 1000; small May, ½ and less, 100,000 extra nice, $2.50 1000. Terms: 1-3 cash when order is booked, balance when bulbs are wanted.
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Funkia undulata variegata, the true variety, strong plant	$6 00
Phlox, Coquelicot, new crimson scarlet, all field-grown plants	8 00
Phlox, new varieties, choice kinds	8 00
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Peonies in variety. We were awarded a Silver Medal at the Pan-American for the largest collection of cut flowers.
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I have from 50 to 150,000 of each of the seedlings named below, which I offer for immediate delivery.

		100	1,000
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Speciosa (true)	6 to 12 inches	$0.30	$2.00
	12 to 24 inches	.40	3.00
Tea's Japan,	1 to 2 feet	.40	3.00
	2 to 4	.50	4.00
	4 to 8	4.00	
Kaempfera,	1 to 2	.40	3.00
	2 to 4	.50	4.00
	4 to 7	4.00	
BOX ELDER,	6 to 12 inches	.30	1.50
	1 to 2 feet	.40	3.00
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BLACK LOCUST,	6 to 12 inches	.30	1.25
	1 to 2 feet	.40	2.00
	2 to 3	.50	3.50
	3 to 5	.60	4.50
RED BUD,	4 to 6 inches	.20	1.25
	6 to 12	.30	2.50
	12 to 24	.50	4.00
	2 to 4 feet	1.00	8.00
GREEN ASH, 1 yr.,	6 to12 inches	.30	2.00
	1 to 2 feet	.40	3.00
	2 to 4	1.00	9.00
ABIES CANADENSIS, hemlock			
	6 to 12 inches	.50	4.00
	1 to 2 feet	1.00	8.00
JUNIPERUS VIRGINIANA, red cedar			
	6 to 12 inches	.60	3.00
	1 to 2 feet	1.00	5.00
HORSE CHESTNUT, white flowered—			
	6 to 12 inches	.60	5.00
PERSIMMON, American, 1 yr.,	6 to 12 inches	.40	3.00
RUSSIAN MULBERRY—			
	4 to 8 inches	.15	.90
	8 to 14	.25	1.50
	1 to 2 feet	.40	3.00
BLACK MULBERRY—			
	6 to 12 inches	.40	3.00
	1 to 2 feet	.60	4.00
CHINESE WHITE WISTARIA—			
	6 to 8 inches	3.00	
TRUMPET FLOWER—			
	1 to 2 feet	.50	4.00
TULIP POPLAR—			
	4 to 6 inches	.30	1.50
	6 to 12	.40	3.00
SYCAMORE PLANE TREE.			
	4 to 6 inches	.30	1.50
	6 to 12	.40	3.00
BLACK, or Marsh Willow,			
	1 to 2 feet	.30	2.50
	2 to 3 feet	.50	4.00

The above prices are for immediate orders. Send for seed and seedling list of trees and shrubs. I have about 40 lbs. nice clean Abies canadensis (hemlock), seed at $2.00 per lb., or 10 lbs. for $16.00, while they last.
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100,000 HARDY HERBACEOUS PERENNIALS.
Transplanted and grown in nursery rows one year. Thrifty and well rooted. See main list for other sorts. Not less than 50 of a kind at these rates.

2,800 Alyssum saxatile compactum, at 3c.
3,600 Aquilegia, in 5 named varieties.
1,600 Aster nova—angliae—at 4c.
900 Campanula carpatica, at 4c.
1,000 Campanula elegans, fine, at 4c.
1,400 Campanula medium, mixed, at 3c.
3,000 Delphinium formosum, strong, at 5c.
700 Delphialum grandiflorum, at 4c.
1,200 Digitalis, in 2 varieties, at 4c.
800 Dianthus plumarius, at 4c.
1,400 Gaillardis grandiflora, at 3c.
1,650 Gypsophilla paniculata, at 3c.
1,100 Golden Glow, strong, at 4c.
7,000 Hardy Ferns, see list for varieties.
5,600 Hollyhocks, double, in 5 named varieties, at 4c.
1,200 Hollyhocks, single, mixed, at 4c.
3,000 Heuchera aanguinea, at 5c.
2,000 Iberis sempervirens, at 4c.
5,000 Lilium canadense, X strong, at 5c.
1,200 Lythrum roseum superbum, at 4c.
1,000 Primula veris, mixed, at 5c.
1,200 Primula vulgaris, at 5c.
800 Sedum acre, at 3c.
1,100 Silene virginica, at 5c.
1,500 Monarda didyma, at 4c.
15,000 Viaca minor, fine, at 4c; $25.00 per 1,000.
1,050 Dianthus, Mrs. Simkins, at 4c.
1,100 Pyrethrum uliginosum, 2 years, at 5c.
1,400 Liatris, in 4 named varieties, see list.
1,200 Lychnis chalcedonica, at 4c.
600 Lychnis Haageana, at 4c.
600 Phlox subulata, at 4c.
1,000 Dicentra exima, strong, at 5c.
450 Anemone Whirlwind, strong, at 5c.
10,000 Trillium grandiflorum, flowering bulbs, at 2c ($12.00 per 1,000).

30,000 PANSY PLANTS, strong plants, with heavy foliage, transplanted and grown in open ground in nursery rows, fine strain in mixed colors, $1.00 per 100, $7.00 per 1,000, ready Oct. 10th. EDWARD GILLETT, Southwick, Mass.

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1000 Bocconia cordata	4.00
400 Clematis Davidiana, p	3.00
1000 Campanula pyramidalis	4.00
1000 Campanula compacta, 2-in. pots	3.00
800 Coreopsis lanceolata, p	3.00
800 Coreopsis grandiflora, p	3.00
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200 Dianthus May	4.00
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1500 Funkia lancifolia	4.00
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100 Gaillardia grandiflora, p	3.00
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	100.	1000.
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Tremont Bldg., Boston, Mass.
Proprietor Highlands Nursery, 3800 ft. elevation in the Carolina mountains.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ROSES.

Jacqueminot, Coq. des Blanches, La Reine, Queen of Prairie, Crimson Rambler, C. Soupert, etc., 2-yr. field-grown, or on own roots, 10c; 2d size, 6c. C. Soupert, 5-in. pot plants, clean foliage, full of bud and bloom, 18c.
W. H. Salter, Rochester, N. Y.

Brides, Meteors and Golden Gates, strong 3-in., $4.00 100, $30.00 1,000; 2-in. Maids, Brides and Meteors, $2.00 100, $20.00 1,000. Fine healthy stock.
W. H. GULLETT & SONS, Lincoln, Ill.

ULRICH BRUNNER from hardwood cuttings. Strong plants, clean and thrifty, from 2½-in. pots, $5.00 100, $45.00 1,000.
DINGEE & CONARD CO., West Grove, Pa.

ROSES—Continued.

Roses. 225 3-in. Brides, 225 3½-in. Maids and 200 3-in. Maids, all fine plants, the lot at $5.00 100. W. F. KASTING, Buffalo, N. Y.

Rooted rose cuttings now ready.
GEO. A. KUHL, Pekin, Ill.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

Roses. Climbing Clothilde Soupert, strong field-grown, $10.00 100. Crimson Rambler, strong field-grown, $7.00 100.
P. J. BERCKMANS Co., Augusta, Ga.

BUSINESS BRINGERS—
REVIEW Classified Advs.

RUBBERS.

Ficus elastica, 18 to 24-in. high, 6-in. pots, $1.00 and $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

SALVIAS.

Salvia Silver Spot, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, St. Louis and Bonfire, 75c 100.
Buckley Plant Co., Springfield, Ill.

SEEDS.

1902 crop ASPARAGUS seed. 100. 1000.
Decumbens, superior to plumosus...$2.25 $20.00
Plumosus nanus 1.00 9.00
Sprengeri ..... .35 2.50
All other high-grade florists' seed. Send for our seed buyers' guide.
MOORE & SIMON, 207 Market St., Phila., Pa.

Petunia seed. GIANTS OF CALIFORNIA, mixed, 1000 seeds, 40c; 10,000 seeds, $3.50. Double fringed, mixed, 1000 seeds, 70c; 10,000 seeds, $7.00. SHASTA DAISY SEED, 100 seeds, 25c; 1000 seeds, $2.00.
THEODOSIA B. SHEPHERD CO., Ventura, Cal.

Araucaria excelsa seed. Only once in three years is this seed obtainable from Australia. We offer, dozen, 25 cents; 100, $1.00; 1000 $8.00; 5000, $35.00. H. H. Berger & Co., 47 Barclay St., New York.

Kentia Belmoreana seed, $4.00 per 1,000; per case, 4,000 seeds, $3.50 per 1,000. Cocos seed to arrive Jan. 1, $7.50 per 1,000.
STUMPP & WALTER CO.,
50 Barclay St., New York.

DANISH CAULIFLOWER SEED. New crop now ready direct from grower in Denmark. Write for terms on large or small quantities.
HANSEN & CO., Box 470, Stamford, Conn.

The famous JENNINGS' strain of pansy seed, $1.00 pkt., $5.00 oz. Cash.
E. B. Jennings, Box 254, Southport, Conn.

Aster seed, Semple's white and mixed. Send for sample.
Michigan Seed Co., South Haven, Mich.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

SMILAX.

About 20,000 good healthy smilax plants must be sold at once to make room. While stock lasts prices are reduced to $5.00 1000, 75c 100 for 2-in.; $12.00 1000, $1.25 100 for 3-in. This is good, straight stock and will give satisfaction. Sample by mail, 10c.
R. Kilbourn, Clinton, N. Y.

Smilax, 2-in., fine, $1.50 per 100; $12.50 per 1000. C. Betscher, Canal Dover, O.

Smilax, 2½-in., strong plants, $1.00 100; $8.00 1000. J. C. Schmidt, Bristol, Pa.

Smilax, 2¼-in., $1.00 100; $9.00 1,000. Bargain. Wm. Stuppe, Westbury Station, N. Y.

First-class 2¼-in. smilax, 50c 100; $5.00 1000.
Buckley Plant Co., Springfield, Ill.

Smilax, strong, 3-in., $3.00 100.
EVENDEN BROS., Williamsport, Pa.

Smilax, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

STOCKS.

White stocks, 2¼-in., $2.00 100.
S. Whitton, 15 Gray Ave., Utica, N. Y.

SWAINSONAS.

Swainsona alba, 3 in., 10 to 12 in., fine, 4c. Cash, please. Benj. Connell, West Grove, Pa.

Swainsona alba, 2¼-in., $2.00 100. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

UMBRELLA PLANTS.

Cyperus alternifolius, outdoor-grown, 3-in., ready for a shift, $4.00 100. N. Smith & Son, Adrian, Mich.

500 umbrella plants, 4-in. pots, $4.00 100.
GEO. ENGEL, Xenia, Ohio.

Umbrella plants, from flats, $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

VEGETABLE PLANTS.

Curled winter lettuce plants, $1.00 1,000. Fine, strong plants. J. B. Rapp, Box 66, Owenaville, Ohio.

VEGETABLE PLANTS. All vegetable plants in their season, by the 100, 1000 or 10,000.
R. VINCENT, JR. & SON, White Marsh, Md.

Grand Rapid lettuce plants. A fine stock outdoor-grown plants at $1.00 per 1000.
F. E. BLAKE, Marion, Ohio.

Parsley roots, 40c per 100.
GEO. ENGEL, Xenia, Ohio.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

VERBENAS.

500,000 verbenas; 60 finest named varieties; perfectly healthy. Rooted cuttings 60c per 100; $5.00 per 1,000. Plants, $2.50 per 100; $20.00 per 1,000. Send for list.
J. L. DILLON, Bloomsburg, Pa.

Our 20th century collection; 25 of the latest mammoth varieties; labeled; strong plants, 2¼-in., $1.50 100, $14.00 1000.
Buckley Plant Co., Springfield, Ill.

Lemon verbenas, 2¼-in., $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

VINCAS CHEAP. Extra field-grown, $20.00 per 1000. Wholesale catalogue rare American plants. Harlan P. Kelsey, Highlands Nursery, Tremont Bldg., Boston.

Vinca var., strong field-grown, $3.00 100, $25.00 1,000; rooted tips, 50c 100, $4.50 1,000. Cash. Daun & Son, Westfield, N. Y.

500 Vinca major var., strong field stock, $5.00 100; rooted cuttings from soil, $1.50 100. Cash, please. BENJ. CONNELL, West Grove, Pa.

Vinca major variegata, large field-grown clumps, 12 to 20 runners, $8.00 100.
N. SMITH & SON, Adrian, Mich.

Variegated vincas, large field-grown, $4.00 100. See COLEUS for another bargain.
J. A. WIBE, Downers Grove, Ill.

Vinca var. from field, strong plants, $5.00 100. Cash, please.
Converse Greenhouses, Webster, Mass.

1000 variegated vincas, field-grown, $3.00 100.
Geo. Engel, Xenia, Ohio.

Variegated field-grown vincas, $5.00 100.
A. SCHMITT, Glenville, Ohio.

VIOLETS.

Violets, California, extra strong, healthy, field-grown clumps, $4.50 per 100. Cash. W. W. Stertzing, Maplewood P. O., St. Louis, Mo.

MARIE LOUISE violets, fine, healthy stock from 3-in. pots, $25.00 per 1000.
ANDREW PETERSON, Paxton, Ill.

Swanley White and Lady Campbell violets, 3-in. pots, $3.00 100; $30.00 1,000.
Crabb & Hunter, Grand Rapids, Mich.

A few hundred Marie Louise and L. H. Campbell left at $3.00 100.
GEO. ENGEL, Xenia, Ohio.

5000 field clumps California, $3.00 100; $25.00 1000. Cash. BENJ. CONNELL, West Grove, Pa.

California violets, field-grown, second size, $3.00 100. N. Smith & Son, Adrian, Mich.

MISCELLANEOUS.

MUST CLEAN UP. 100.
Geraniums, 3-in. pots $1.50
Begonias, mixed, 3-in. pots..... 1.50
Coleus, mixed, 3-in. pots..... 1.00
Umbrella plants, 4-in. pots..... 3.00
BE QUICK.
Elmer Marsh, Vienna X Roads, Ohio.

TO EXCHANGE.

To Exchange.—Burbank's Shasta daisy, 2-in., $10.00 per 100; Asparagus Sprengeri from flats, $1.00 per 100, $7.50 per 1,000; unrooted Tidal Wave, Genevieve Lord, Joost and Eldorado carnations at $5.00 per 1,000, fine short-jointed; Shasta daisy seed, 25c per 100, $2.00 per 1,000; Asparagus Sprengeri seed, $1.50 per 100; pansy seed, Giant-flowering, mxd., $1.00 per oz.; smilax seed, 50c per oz., $3.00 per lb., for geranium rooted cuttings, 2-in. Boston ferns, mixed ferns from flats and small kentia palms. Express paid both ways by us.
CALIFORNIA CARNATION CO., Box 103, Loomis, Cal.

To Exchange—Lady Harriett, B. Halladay and J. K. Shaw stock plants for rose stock.
G. D. Lotze, Jr., Glen Burnie, Md.

To Exchange—Large, pedigreed stock of Belgium hares for carnation plants.
Geo. Staffinger, Springville, N. Y.

WANTED.

Wanted—Stock plants of marantas. State variety and price. Chas. H. Campbell, 3601 Germantown Ave., Philadelphia, Pa.

BABY GREENHOUSES.

Baby greenhouses in 2 sizes, $4.00 and $6.00 each, $50.00 and $75.00 per doz. Folded up. By express. 16 and 18 lbs.
SIEBRECHT & SON, New Rochelle, N. Y.

BIRD SEED.

Choice recleaned Canary, Rape, Henning's Mocking Bird Food, Song Restorer, Bird Tonic, Fish Food, Bird Fanciers' Supplies. Send for samples and price list
A. G. Henning & Co., 62 Cortlandt St., N. York.

CUT FLOWER BOXES.

Hunt's LIBERTY Folding Boxes are PURE WHITE, almost waterproof and stronger than any other box on the market. Send for sample. Price no higher than the "cheap-looking" boxes usually sold.
E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

CUT FLOWER BOXES, the best, strongest and neatest folding cut flower box made.
Livingston Seed Co., Box 104, Columbus, O.

Our box sells on its merits.
Send for sample.
C. C. POLLWORTH CO., Milwaukee, Wis.

Star Florists' Boxes. Edwards & Docker Co., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Wild smilax, 50-lb. case, $2.00; 35-lb. case, $1.75; 25-lb. case, $1.50; 15-lb. case, $1.25. Long needle pines, $6.00 per 100, $3.50 per 50, $1.00 per doz. Sabal palm leaves, $1.75 per 100. Alabama Wild Smilax Co., Monroe, Ala.

Fancy and Dagger ferns, $1.00 per 1000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

SEMINOLE SPECIALTIES — Prepared Palm and Cycas Leaves—Green Palm Leaves, Trunks and Crowns—Spanish Moss-Needle Pines—Fresh Cut Cycas Leaves.
SEMINOLE PALM CO., Haines City, Fla.

Fancy and Dagger Ferns, 75c per 1000. LAUREL festooning, 4, 5 and 6c per yd. Ground pine, sphagnum moss, etc.
CROWL FERN CO., Millington, Mass.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 West 28th St., New York.

Wild smilax, needle pines, magnolia leaves, etc. Orders filled promptly.
JOHN S. COLLINS, Geneva, Ala.

Fancy and Dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 6th Ave., New York.

For southern wild smilax, write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone Meal, best for roses and carnations, at $3.50 per 200 lb. bag, or $32.50 per ton.
ALBERT M. HERR, Lancaster, Pa.

FLORAL DESIGNS.

Wax Flowers and Wax Floral Designs.
J. Stern, 1928 Germantown Ave., Phila., Pa.

GALAX LEAVES.

New crop Galax will soon be ready. $7.00 per 500 case. Order at once of the INTRODUCER.
HARLAN P. KELSEY,
Tremont Bldg., Boston, Mass.
Proprietor Highlands Nursery, 3800 ft. elevation in the Carolina mountains.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GALAX LEAVES. Bronze, $1.25 1000; green, $1.00 1000.
A. J. Fellouris, 468 6th Ave., New York.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
WOODRUFF & MILES, Cherry Lane, N. C.

GLASS, ETC.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. WHEELER-STENZEL CO., 30 Sudbury St., Boston, Mass.

Florists' Specialties in Glass, Paint and Putty. Instructive advertising free for the asking. Write JOHN LUCAS & CO., Philadelphia, Pa.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

GOLD FISH.

Six beautiful goldfish, $1.00. Express prepaid in U. S. DONKER, 148 Columbus Ave., New York.

HOSE.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

DUNNITE, a formula for preventing and remedying BLACK SPOT on rose plants. Write us. Dunne & Co., 54 West 30th St., New York.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

Tobacco stems, fresh and strong, bale of 300 lbs., $1.50. W. C. Beckert, Allegheny, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application. A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us: we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red pots. Write for prices and sample pot. Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind. C. C. POLLWORTH CO., Milwaukee, Wis.

SPHAGNUM MOSS.

Sphagnum moss of first quality. Can ship at a moment's notice—2 bales, $1.50; 10-bale lots, $6.00. Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

TIN FOIL.

American brand FLORIST FOIL—The standard foil of America. John J. Crooke Co., 186 Grand St., New York.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middlemau's profits. C. C. POLLWORTH CO., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

FLORISTS' WIRE DESIGNS. G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

CHARLES H. MILLER, the widely known landscape gardener, died at his home in Philadelphia Nov. 2, aged 73 years. He was born in England and came to America in 1858.

BENTON HARBOR, MICH.—Irving Jacquay has purchased 295 acres of land near Buchanan and will establish a nursery. Headquarters will be in this city.

DETROIT.

A Visit to Mt. Clemens.

On Thursday, October 30, the Detroit Florists' Club to the number of forty-three, having been invited by John Breitmeyer's Sons, R. Klagge, James Taylor and the other Mt. Clemens florists, paid a visit to the Bath City, the home of the violet. Leaving Detroit by special car at 10 a. m., they arrived at Breitmeyer's at 11, where a substantial lunch, spread in the large sorting room, was in readiness, to which the party did ample justice, then separating into groups they began a long walk through the various houses to inspect the stock. The writer, being more in touch with carnations and chrysanthemums, spent his time in looking them over, and must say that with few exceptions they are in fine condition and give promise of a rich harvest soon. Mr. Fred Breitmeyer will make several entries of mums at the coming show in Chicago.

At the sound of the bell the party reassembled in the lunch room and went from there over to the house of the Violet King, Robert Klagge, who has made extensive improvements the past season by building another house, a large brick boiler room and coal shed and installing a new boiler. Here, as usual, was seen the modest violet, grown as only "Bob" can grow it in this section, while his carnations are a sight, especially a bench of Prosperity, which was full of flowers on stems twenty inches long, stiff and erect. Here, again, was the inner man looked after.

Moving across the street we came to the place of Gutschow & Son, enlarged by two houses since the last visit of the writer, which are planted with carnations and violets, and they are looking fine. Here meat and drink were provided for the third time since 11 a. m. and it was not yet 2:30 p. m!

Next was a long walk to the establishment of James Taylor, which is located near the cemetery. Mr. Taylor is an Englishman who can grow good carnations and mums and very fair violets, who does not drop his h's, and whose wife can make as fine coffee and doughnuts as any florist could wish. I cannot help digressing a little here to say that Mr. Taylor showed good judgment in serving the coffee instead of other lubricators, for by this time something normal and common was needed to "kind of settle things" and level them up.

Another stiff tramp to J. Carey's place was well repaid by the sight of the elegant roses, which at the present time fill the larger part of his plant, the other houses being filled with mums and carnations, all of which are looking well. After the usual feed and oil up (and where on earth do florists put away all they eat and drink? And the thin ones seem to have more capacity than the fat ones) Mr. E. A. Scribner was chosen temporary chairman and called on several members for talks and songs, and a most enjoyable hour was spent. Mr. Trillow, of Chicago, and Mr. Zerkmann, representing Sigmund Geller, of New York, were present and contributed to the entertainment. A vote of thanks was tendered the Mt. Clemens florists for the very enjoyable day.

Club Notes.

Prof. L. R. Taft, of the Michigan Agricultural College, gave the club a very interesting talk and had a very appreciative audience. At the next meeting we will have a musical program.

Some ten or twelve members will visit Chicago to attend the chrysanthemum show.

Bowling goes on every Monday evening and some good scores are being made.

J. K. Stock is slowly recovering from a long siege of typhoid fever.

The Michigan Cut Flower Exchange celebrated its first anniversary on November 1 by giving a spread, which was enjoyed by some thirty of the craft.

RAG.

GRAND RAPIDS, MICH.

We have been having bright days and cool nights mostly, with a few rainy days. Carnations are flowering freely and are of fair quality, but in spite of the quantity cut, the demand more than keeps pace with the supply and nothing is going to waste. Mums are in their glory and moving fast. The main varieties now in are: White Robinson, yellow Robinson, Major Bonnaffon, V. Morel, J. K. Shaw, pink Ivory and white Ivory. Shaw for an early pink is fine, being a great improvement over Mrs. Perrin.

Roses are in crop, but none are going to waste. Business continues good, and from indications will be even better than last year.

The Grand Rapids Floral Co. has all its carnations housed, but still has one more house to rebuild, which is expected to be finished this fall and used for bedding stock, etc.

There is a new florist in town and Eli Cross is the happy father.

Henry Smith is hurrying his new houses along as fast as possible, one of which will be used for green stuff exclusively and will be of large size.

At the recent West Michigan Fair, the only exhibitors were Henry Smith and Crabb & Hunter. In the design entries, some good work was put up. Premiums were awarded as follows: Best design, Henry Smith first, Crabb & Hunter, second. Basket of flowers, Crabb & Hunter first, Smith second. Table arrangement, same award. Cut roses and carnations, Smith first, Crabb & Hunter second. The show was a financial success, and was held this time independent of the State Fair.

Crabb & Hunter have acquired the Robertson farm of eighty-four acres adjoining the Masonic Home grounds, and intend to build a modern range of glass in the spring and to go extensively into fruit growing. The farm is leased for seven years, subject to terms of sale.

Harm Bruins-Slot and Helen Richmann are married, and the craft wish them a happy career. Harm still continues with the firm of Bruins-Slot & Sons.

GEO. F. C.

BALTIMORE.—The annual chrysanthemum show will be held Nov. 11 to 14, inclusive.

WATERLOO, N. Y.—Edney Smith, the veteran florist and landscape gardener, died Oct. 8, aged 82 years.

WE consider the REVIEW a necessary adjunct to our business.—W. J. MILLER & SON, Pontiac, Ill.

SALT LAKE CITY, UTAH.—A greenhouse is to be erected in Liberty Park.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Seed Trade News.

SPRINGFIELD, MASS.

Of course all are familiar with and deplore the almost absolute failure of cucumber and the general crop of vine seeds. Also the returns from northern New York and Canada, and up on the Michigan thumb, of peas and beans and the first earlies will average less than 20 per cent of the ordinary calculated yield.

Sweet corn records somewhat better, as we expect a good crop from our Connecticut growers in general. The western reports return about 75 per cent. These reports, which are constantly growing more serious to the wholesale seedsman, will of course advance prices very materially, and the wholesaler who has not sold much in advance will be away ahead of the game by the first of May.

We understand the canners are going to any length to secure seed stock, and offering more than double contract prices for Alaska and Knott's Excelsior peas. Tomato seed is also very scarce, the price running even higher than last year.

Returns from the German growers are very discouraging regarding asters, though the pansy stock is very fine and at very reasonable prices. We look to California for our best aster seed today, and from all accounts expect a full crop from that source.

Of course the yarn about California sweet peas not being desirable to plant this side of the Mississippi has been exploded, and while the named varieties of sweet peas are not as carefully rogued and do not run as true to name as we would wish, the vitality is all that could be desired, and the general mixtures which are put out from California, with the exception of the very cheap stuff, will certainly prove satisfactory to every one.

The B. L. Bragg Co.

Mr. S. M. Pease, of the Cleveland Seed Co., Rochester, N. Y., says: "The weather has been described as the worst on record, with crops all ruined, and it has been so reiterated that we have come to believe it and to appease our forlorn condition have made ourselves quite lusty and almost cheerful by putting up prices during all these long, dreary days of anxiety. The holders of coal have not had all the pleasure. Seedsmen as a rule are quite a bright set of people and know pretty well how to take advantage of the acts of Providence and see to it that it turns them an honest penny. It is a very bad season that does not work to the advantage of some one. In spite of the very short pea and bean crop, sweet corn almost a failure, oats very disappointing in yield, cabbage so abundant a market cannot be found for the surplus, potatoes and apples rotting, I believe general conditions were never more favorable than now. Farmers have been hard hit in many instances but as a rule they are all right and prosperous times will continue barring unfavorable legislation or similar causes."

Portland, Ore.—The Portland Seed Company has increased its capital stock from $25,000 to $50,000.

John Hyde, statistician of the Department of Agriculture, in his report issued Sept. 10, says: The acreage of clover has been considerably reduced since last year, only two of the principal states—Maryland and Ohio—reporting even a small increase. The other important states—except Kansas, in which state the area is the same as last year—report decreases, ranging from 1 per cent in Wisconsin to 12 in California. In California, Utah and Colorado conditions are 1, 6 and 22 points, respectively, below their ten-year averages, while all other states—except Maryland, in which state the condition is the same as the ten-year average—report conditions ranging from 11 to 28 points above such average.

During August the exports of seeds from the United States were as follows: Clover, $20,592; cotton, $9,682; flaxseed, $7,080; timothy, $7,809; other grass seeds, $2,766; all other seeds, $5,839; a total of $53,768, against a total of $131,698 for August last year. The greatest reduction was in the exports of flaxseed, which amounted to $102,062 in 1901 and only $7,080 in 1902. The largest amounts were exported to the United Kingdom and British North America.

The annual distribution of free seed has been begun by the department at Washington, the start being made several months earlier than usual. This year the enormous number of 40,000,000 packages of seed, weighing about 1,000 tons, will be distributed. The free seed evil is expanding instead of being curtailed.

The California State Board of Horticulture has taken action looking to the exclusion of asparagus roots grown outside of the state, the intention being to prevent the importation of plants affected by the asparagus rust.

Zavalla, Texas.—R. C. Brashears is building a seed house and preparing to handle seed for this section.

D. M. Ferry, the Detroit seedsman, has withdrawn from the race for senator.

COSMOS.

Mrs. Theodosia B. Shepherd, of Ventura, Cal., has been improving the cosmos for the last ten years, and now has some very fine forms, with flowers four to five inches in diameter.

"Pink Butterfly" is a pink flower with broad petals that are placed at angles with each other, giving a very taking effect.

"Pond Lily" is snowy white, with large, round, overlapping petals.

"Rainbow" is a blending of white, pink, mauve or red, with various other color tones, and the flowers are large and finely formed.

There are many other named varieties and the strain as a whole has been pronounced by experts to be the finest in existence.

Geneva, N. Y.—Vinton A. Clark has been appointed assistant horticulturist at the state experiment station here.

Iona, Mich.—Vincent Bros. have purchased the Thornton greenhouses and intend to push the business.

CHRYSANTHEMUM SOCIETY OF AMERICA.

President Herrington has announced committees to examine chrysanthemum seedlings and sports on dates as follows: October 4, 11, 18, 25, November 1, 8, 15, 22, 29, 1902.

Boston, Mass.—E. A. Wood, chairman, care Boston Flower Market, No. 1 Park street; James Wheeler, William Nicholson.

New York, N. Y.—E. Dailledouze, chairman, care New York Cut Flower Company, Twenty-sixth street and Sixth avenue; James W. Withers, William H. Duckham.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; William K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; George Stollery, E. Wienhoeber.

Cincinnati, O.—Albert Sunderbruch, chairman, care Cincinnati Cut Flower Company, 437 and 439 Main street; James B. Allan, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of $2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Anyone having a variety in season before or after the dates fixed can have the same passed upon by specially notifying the chairmen of committees. EDWIN LONSDALE, Secretary, Wyndmoor, Chestnut Hill, Philadelphia, Pa.

Hastings, Neb.—Business has been good, everything selling out and at good prices. The recent street fair brought 35,000 to 50,000 visitors to the city. The flower parade was the leading attraction and was pronounced the best ever seen in the state. Charles Winkler has purchased over 300 acres on West Seventh street, which will be devoted to select nursery stock, small fruits and vegetables, and he will also build some additional greenhouses. Mr. Winkler was awarded first prize for exhibit of winter wheat at the fair.

Council Bluffs, Ia.—C. J. Rafter, claiming to conduct The Twin City Nursery of Council Bluffs, sold some nursery stock to W. C. Bender, of Salix, Ia., that turned out badly. Mr. Bender could not find the nursery supposed to be in this city and communicated with the chief of police, who, after investigation, replied: "C. J. Rafter, of Yankton, S. D., is the man who gets mail out of the box named. We understand he buys stock at different nurseries throughout the country, and fills orders from here, but has no nursery here."

Pontiac, Ill.—Mr. Orlin B. Miller, the florist, and Miss Pauline Menke were married Oct. 26. The decorations at the wedding were very profuse and handsome. The couple have the best wishes of many friends.

Newark, N. J.—The business of C. W. Stuart & Co., nurserymen, has been incorporated with a capital stock of $24,000. The directors are: C. W. Stuart, J. M. Pitkin, Jr., and C. H. Stuart, all of Newark.

To be in time for our Thanksgiving Number, to be issued next week, copy for advs. must reach us by next Wednesday morning, November 12, at the very latest.

By using the classified advertisements in the Review I can dispose of surplus stock at little expense.—Harvey B. Snow, Camden, N. Y.

Delavan, Wis.—The Phoenix Nursery Co., of which A. P. Wilkins is president, has purchased 29 acres of land, the consideration being $4,700.

Ottumwa, Ia.—A. C. Leinhauser has opened a floral department in Arnold's jewelry store.

FOR THANKSGIVING DAY

RIBBONS, Latest Novelties, VIOLET RIBBON, GAUZE RIBBON, Violet Ties.

...OUR...

CUT FLOWERS

are of splendid quality.

ORCHIDS,

CHRYSANTHEMUMS,

Liberties, Beauties,

Lily of the Valley

and all other varieties of choice SEASONABLE STOCK.

Tin Foil, WHEAT SHEAVES, and many other Florists' Supplies

SAMUEL S. PENNOCK, - Philadelphia, Pa.

PRIMROSES.....

IMPROVED CHINESE. Finest large-flowering fringed varieties grown. Single and double, ready for 3-inch pots, $2.00 per 100.

Cash. Enough extras will be added to every order to pay express charges.

JOHN F. RUPP, - - SHIREMANSTOWN, PA.

The Home of Primroses.

Mention The Review when you write.

MICHIGAN SEED CO.

Wholesale Growers

Fine Aster Seed

SEMPLE'S WHITE and MIXED. Send for sample.

SOUTH HAVEN, - - - MICH.

Mention The Review when you write.

LAST CALL

for Advs. for our

Thanksgiving Number to be issued next week

Copy must reach us by the morning of Wednesday, **Nov 12th**, at the very latest.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.

Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo, N.Y.

Mention The Review when you write.

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Florists' Review
When Writing Advertisers.

Chrysanthemums! Stock Plants.

Write for varieties and prices.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

MUM STOCK.

LADY HARRIETT.....
B. HALLIDAY.....
J. K. SHAW..... } $6.00 per 100.

Will exchange for Rose Stock.

G. D. LOTZE, Jr., - Glen Burnie, Md.

Mention The Review when you write.

Stock Mums

Orders booked now for Stock Mums. Best standard varieties at $1.25 per doz. plants. Terms, cash with order.

GEO. HARRER,
MORTON GROVE, Cook Co., ILL.

Mention The Review when you write.

The New Nephrolepis Fern

ANNA FOSTER

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

BOSTON FERNS, now ready at $25.00 and $50.00 per 100.

L. H. FOSTER, Dorchester, Mass.

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Florists' Review
When Writing Advertisers.

Poinsettias for Xmas!

SURE TO BLOOM.

Extra fine stock, 2½-inch pots				$ 7.00 per 100
" " "	3	"	"	10.00 "
" " "	4	"	"	15.00 "
" " "	5	"	"	25.00 "

HYDRANGEAS.

Field-Grown, very fine plants, ready for 7, 8 and 9-in. pots, at $15.00, $18.00 and $20.00 per 100.

Pot-Grown, well branched, $6.00 per doz.

Terms cash or satisfactory reference.

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S. ALFRED BAUR, ERIE, PA.

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JOSEPH HEACOCK,

WYNCOTE, PA.,

Grower of

Areca Lutescens, Kentia Belmoreana, Kentia Forsteriana and Latania Borbonica.

Price List for the asking.

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FRUIT AND FLOWER PLATES

Seed Pockets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN

SEND FOR PRICE LIST.

Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.

VREDENBURG & CO., Rochester, N. Y.

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Stumpp & Walter Co

KENTIA SEED!
"JUST RECEIVED."
BELMOREANA .....$4.00 per 1000.
Per case, 4000 seeds, at.... 3.50 "
COCOS SEED to arrive Jan. 1st, $7.50 per 1000
5000 lots ..... 6.00 "
50 BARCLAY STREET,
NEW YORK.
Branch Store, 404 East 34th Street.

TORONTO.

Trade during the past week has been exceptionally good from a florist's standpoint, and without exception, all the retail men spoken to during the week have nothing but good reports of the amount of business they are doing. We are very glad that this is the case, and it speaks volumes for the growth of floriculture in and around Toronto. In Canada a few years ago flowers were looked upon as a luxury, but they now seem to be classed along with the necessities, and no social function is considered complete without them.

Chrysanthemums are still in the lead, and we are now seeing some of the finer varieties coming in. Violets have improved much, in quality, as well as in quantity, and the demand seems to keep them pretty well picked up. Roses and carnations are in fair supply, but we expect a shortage in roses very soon now, as we hear that most of the growers are cutting back their best houses to have them in for the holidays.

A visit to Dunlop's conservatories a few days ago showed the stock looking up to the mark, especially his carnations, of which he has some twenty odd new varieties that look very promising. Mr. Dunlop is very reticent about condemning any varieties that do not look equal to their neighbors on the bench, and invariably has some good excuse to offer; he cannot be coaxed to even recommend any one or two varieties as the best commercial varieties, but we expect in a few weeks to be able to spot out what can be considered the best and most profitable ones for the small grower to grow without having to take a few of the great number of varieties that are now on the market.

One of the latest developments in Toronto in the florists' line, is a new Gardeners' and Florists' Union, which, we are told, is affiliated with the A. F. of L. Of course do not think that the gardeners and florists were driven to organize a union through any harsh treatment that they received at the hands of their employers, but, as they say, it is just a little ounce of preventive. However, anybody that may require any information as to the whys and wherefores of this organization would do well to communicate with Davy Cooper, their very enthusiastic secretary.

Sinclair has just completed a new dust-proof case for his large stock of baskets, which will be of material advantage in handling these delicate goods.

D. J.

Mr. C. H. Joosten, New York, sends us a copy of his trade catalogue of plants, hardy ornamental trees and shrubs, conifers, roses, herbaceous plants, etc., the stock which he sells in America as agent for the Boskoop Nursery Association, of Holland. The list is very full and complete and includes a great deal of interest to the trade.

ASPARAGUS SPRENGERI -- FIELD-GROWN.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

ADIANTUM CAPILLUS VENERIS—One of the best for fern dishes and other decorative work, 2½-inch pots, $3.00 per 100.

ADIANTUM CAPILLUS VENERIS IMBRICATUM—Excellent for filling fern dishes, wide pinnates like Farleyense, 2½-inch, $5.00 per 100.

ANEMONES—Japonica Alba, $6.00 per 100; Elegantissima, a new variety of exceptional merit, $10.00 per 100; Lady Ardilaun, $8.00 per 100; Queen Charlotte, $8.00 per 100; Rosea Superba, $12.00 per 100.

BEGONIA INCARNATA—The most useful begonia for Winter-flowering, 3-in. pots, $8.00 per 100.

CAREX JAP. VARIEGATA—A useful decorative grass, 2¼ inch pots, $2.50 per 100.

CINERARIA STELLATA—From 2 to 4 ft. high. The plants make a most effective display, either as a specimen or in groups. 3-in. pots, $5.00 100.

CYPERUS ALTERNIFOLIUS — Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100.

NEPHROLEPIS OAVALLIOIDES FURCANS—We consider this to be the handsomest fern in cultivation. Has no equal as a Christmas plant. Have a fine lot in 5 and 6-inch pans, $5.00 and $6.00 per doz.

PHALARIS ARUNDINACEA VARIEGATA—Of the variety which retains its bright variegations of white and green throughout the season. Can highly recommend it as an effective border plant. Large field-grown clumps, $6.00 per 100.

PRIMROSES—(Chinese)—Separate colors, white, light pink, scarlet and blue. From the finest imported seed; 3-inch pots, $5.00 per 100.

PTERIS CRETICA ALBO-LINEATA—Variegated, very useful and pretty, 2½-inch pots, $3.00 per 100.

PYRETHRUM—(Hybridum)—Gives the best satisfaction both as to variety of color and freedom of bloom. The colors range from pure white to deep blue; field-grown, $8.00 per 100.

TRITOMA UVARIA GRANDIFLORA—An old stand-by. Strong divisions, $5.00 per 100.

VALERIANA OFFICINALIS—(Garden Heliotrope)—Strong divisions, $5.00 per 100.

VINCA MAJOR VARIEGATA — Large field-grown clumps with 12 to 20 runners. A good seller during the winter. $8.00 per 100.

VIOLETS—CALIFORNIA — Field-grown, second size, $3.00 per 100.

NATHAN SMITH & SON, - ADRIAN, MICH.

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. **Cheap, durable, handy.** To try them once is to use them always

DON'T USE OLD STORE BOXES.

If you have any doubt, send for samples, which speak for themselves.

Size No. 1	3x4½x16	$1.75 per 100;	$15.00 per 1000
" No. 2	3x6x18	2.00 "	18.00 "
" No. 3	4x8x18	2.40 "	22.00 "
" No. 4	3x6x20	2.75 "	25.00 "
" No. 5	4x8x22	3.00 "	28.00 "
" No. 6	4x8x28	3.75 "	35.00 "

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

"DUNNITE" (Trade Mark. Registered) for Roses.

A formula for preventing and remedying **Black Spot** on Rose Plants. Especially adapted to American Beauty.

Prices: 1 quart glass bottles (boxed), 75c, boxing 10c extra. 1 gallon glass demijohns (boxed), $2.50, boxing 50c extra. 2-gallon glass demijohns (boxed), $4.00, boxing $1.00 extra.

When demijohns are returned cost of same will be deducted from following invoice.

Manufactured only by DUNNE & CO., Horticultural Supplies, 54 West 30th St., NEW YORK.

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Vegetable ....Plants

CABBAGE—Jersey and Chas. Wakefield, Early and Late Flat Dutch, Succession and Drumhead, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE—Big Boston, Grand Rapids, Boston Market, and other varieties, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—In varieties, 15 cts. per 100; $1.00 per 1000.

LEEK—15 cts. per 100; $1.00 per 1000.

PARSLEY—Strong, 40c per 100; $1.50 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

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PRIMROSES!

CHINESE—Single—Mixed, 2¼-inch pots, **$1.50** per 100.

Asparagus Plumosus

2¼-inch pots, **$3.00** per 100.

NARCISSUS—Paper white, **$1.00** per 100.

GERANIUMS—10 varieties, 2-inch pots, **$2.50** per 100.

Pansy Plants **$2.50** per 1000. **50c** per 100.

Cash or C. O. D.

JOS. H. CUNNINGHAM,

DELEWARE, OHIO.

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BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hard wood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at **$5.00** per 100; **$45.00** per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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Palms Home Grown, Fine Clean Stock, Grown Cool.

ASPARAGUS SPRENGERI. 3-inch pots, nice plants, $4.50 per 100.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

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Cyclamen Giganteum or Persicum.

Extra fine plants, ready for shifting for Christmas blooming. 3-in., $5.00; 4-in., extra fine, well-budded plants, ready for 5-in., $10.00 100. **Cinerarias**, 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. **Primulas**—Chinese—3-in., $3.00; 3¼-in., $5.00 100; Obconica—2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100, 200 for $5.00; 3½-in., ready for 5-in., $5.00 100. **White Stocks**, 2¼-in., $2.00 100.

Umbrella Plants, from flats, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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LEO NIESSEN

Takes pleasure in announcing that his stock of Cut Flowers and Greens for the Fall and Winter season is unusually large and fine.

The quality is equal, and in many varieties superior, to that of previous years, while the increase in quantity has kept pace with the rapid development of his business.

An abundance of every variety of seasonable stock is received daily. Special attention is called to the fancy grades of Liberties, American Beauties and Chrysanthemums. Also to Wild Smilax and other Greens.

Special Feature: ORDERS FOR DECORATIVE PLANTS FILLED for OUT OF TOWN CUSTOMERS ON SHORT NOTICE.

Shipping facilities unsurpassed. Visitors cordially welcomed.

NORTHWEST CORNER
13th and FILBERT STREETS, PHILADELPHIA.

Mention The Review when you write.

Fine Grafted. **ORANGES** Bearing Sizes.

12-inch, bushy, from 4-inch pots, $20.00 per 100
15-18 " " " " " 30.00 "

KIN KANS. Per 100

10-12-inch, bushy, from 4-inch pots $20.00
15-18 " " " " 30.00

LEMONS. Per 100

12-15-inch, bushy, from 4-inch pots $20.00
18-24 " " " " 30.00

ROSES. Per 100

Climbing Clothilde Soupert, strong field-grown $10.00
Crimson Rambler, strong, field-grown 7.00

CLEMATIS APIIFOLIA.

A fine variety. Somewhat similar to C. Paniculata, but blooms earlier and lasts longer. Strong plants from 3-inch pots, $8.00 per 100. (Not less than 40 of a class at 100 rate.)

CITRUS TRIFOLIATA.

(Best defensive hedge plant.) Per 1000
Strong 2-year-old, field-grown.....$15.00
Strong 3 " " 20.00

AMOOR RIVER PRIVET.

(Better than California Privet.) Per 1000
18-24-inch, branched $15 00
24-36 " " 20.00
(Not less than 400 of a class at these rates.

Rubbers, Kentias, Phoenix, Latanias, Pandanus, Ornamental Trees and Shrubs in large quantities. Write for catalogue.

P. J. BERCKMANS CO. (Inc.)
FRUITLAND NURSERIES. **AUGUSTA, GA.**
ESTABLISHED 1856.

Mention The Review when you write.

SMILAX, strong 2-inch, $1.25 per 100.
GERANIUMS, mixed, $1.25 per 100.
E. I. RAWLINGS, - QUAKERTOWN, PA.

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Burpee's Seeds Grow

Mum Stock Plants

White and Yellow Fitzwygram; White, Yellow, Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wanamaker, Sunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Perrin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100.

Stock will be shipped as soon as cut down.

POEHLMANN BROS. CO.
MORTON GROVE, Cook Co., ILL.

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PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:
"The largest and finest colored flowers we have ever seen."

100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants $1.00 per 100; $8.00 per 1000.
Seed, $1.00 per pkt.; $5.00 per oz. Cash with order.

E. B. JENNINGS, Lock Box 254, Southport, Conn.
GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

The Cottage Gardens,
QUEENS, L. I., N. Y.

Send for Price List of

Peonies, Herbaceous Plants, Phlox, Azaleas, Specimen Trees and Shrubs.

Mention The Review when you write.

CHAS. D. BALL,
GROWER OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

For Fall Planting—Large-Flowered Clematis. Finest purple, white, lavender and pink sorts, 2 years fine field-grown or from 5-inch pots, at 18c; 1 year fine field-grown or from 3-inch pots, 9c. Clematis Paniculata fine 2 year field-grown plants, 6c. **Roses**—Gen. Jacqueminot, Coquette des Blanches, La Reine, Queen of the Prairie, Crimson Rambler, Clothilde Soupert, etc., 2 year fine field-grown on own roots 10c; second size, 6c. **Hydrangea P. G.**—nice plants, 8c; well rooted layers, 2c. Japan Gold Leaf Honeysuckle, well rooted layers, 5c. Packing free for Cash.
W. H. SALTER, Rochester, N. Y.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

RETAIL ADVERTISING.

The retailer catering to a critical trade and appealing to people of refinement as well as of wealth is often puzzled as to the kind of advertising that will be effective and in no way offensive. The problem seems to us to have been admirably solved by the Ernst Wienhoeber Co., Chicago, who have recently issued an artistically gotten up book of engagements, or to quote from the title page: "A book in which may be chronicled coming engagements and various happenings."

The book is 3½ by 5¼ inches in size and on the cover appears a bunch of violets in color and the simple title "Engagements" in gilt. After several blank pages appears a small engraving of their store and a title page in which the firm is mentioned as the publishers, and the copyright mark. Then come blank pages for engagements during October to May inclusive, each month having a specially designed title page, the dates of two days appearing in old English type on each page. Following this are a few pages on flowers in season during the months noted, written from the view point of the flower lover rather than that of the florist. Across the bottoms of these pages appears the firm's full name and address, separated from the reading matter by a rule. It was designed by Mr. George W. Wienhoeber and is certainly a great credit to him.

The cost of issuing this little book must have been considerable, but that it will prove a profitable investment there can be little doubt. No recipient can fail to be favorably impressed and each one is sure to make use of such a helpful aid to the memory. And while doing so they are frequently reminded of the florist by whom it was presented.

But it would be a mistake to have made use of a book that in any way suggested cheapness. To be effective with critical people it must appeal by its excellence and originality in design, and were these essentials lacking it would be better to save the expense altogether as it then might do more harm than good.

RETURNING CONDENSATION.

What make of steam pump would return to boiler water condensed in heating pipes? The boiler is on surface of ground. Size required for 15,000 feet of 1¼-inch pipe. Steam pressure 2 to 5 lbs. Want a pump, not a steam trap.

G. H. B.

In reply to G. H. B., I know of no steam pump which will operate successfully with the low pressure he mentions. If he has access to an electric current, a small electrically driven pump could be installed which would fulfill all requirements.

Henry W. Gibbons.

New York.

Unionville, Pa.—Mr. Joseph Renard died about two months ago after a business career of twenty years. He was the successor of Thomas Seal as owner of the Rosewood Greenhouses, and was widely known as a carnation grower. Mr. Renard had customers all over the world for his carnation cuttings. His successor is Mr. G. de la Rigaudiere, who bought the property and in partnership with Charles Brown, of Canton, O., has completely renovated the plant and put it in first-class condition.

Rooted Cuttings READY Dec. 1.

	Doz.	100	1000
Gov. Wolcott, white	$0.60	$1.00	$35.00
Alba, white	.60	4.00	35.00
Golden Beauty, yellow	.60	4.00	35.00
Violania, variegated	1.25	9.00	75.00
Mrs. Palmer, scarlet	.60	4.00	35.00
Mrs. Higinbotham, light pink	.60	4.00	35 00
J. H. Manley, scarlet	.60	4.00	35.00
Viola Allen, variegated	.60	4.00	35.00
Gaiety, fine variegated	.60	4.00	35.00
Harry Fenn, crimson	.60	4 00	35.00
Apollo, scarlet	.60	4.00	35.00
Dorothy Whitney, yellow	.65	4 50	40.00
Stella, Dorner's variegated	.60	4.00	35.00
Corbett, salmon	.40	3 00	25.00
Dorothy, pink	.50	3.00	25.00
Chicot, white	.50	3 00	25 00
Gov. Roosevelt, maroon	.35	2.50	20.00
Prosperity, white-splashed pink	.35	2.50	20.00
Norway, white	.30	2 00	15.00
Lorna, white	.30	2.00	15.00

	Doz.	100	1000
Gold Nugget, yellow	$0,30	$2.00	$15.00
Lawson, pink	.30	2.00	15.00
Bon H. Richard, white	.30	2.00	15.00
Morning Glory, shell pink	.30	2.00	15.00
Egypt, maroon	.30	2.00	15.00
Queen Louise, white	.30	2.00	15.00
America, scarlet	.15	1.00	10.00
Crane, scarlet	.15	1.00	10 00
Genevieve Lord, light pink	.15	1.00	10.00
Evanston, red	.15	1.00	10.00
Tidal Wave, pink	.15	1.00	10.00
Joost, pink	.15	1 00	10.00
Mermaid, salmon, fine	.15	1.00	10.00
Portia, scarlet	.15	1.00	10.00
Armazindy, variegated	.15	1.00	10.00
Lizzie McGowan, white	.15	1.00	10.00
Wm. Scott, pink	.15	1 00	10.00
Marquis, light pink	.15	1.00	10.00
Argyle, pink	.15	1.00	10.00
Eldorado, yellow	.15	1.00	10.00
Gen. Maceo, maroon	.15	1.00	10.00

WRITE FOR PRICES ON LARGE LOTS.

6 at 12 rate. 25 at 100 rate, 250 at 1000 rate. Terms, spot cash, prepaid to your city at above prices. All rooted cuttings sold under express conditions that if not satisfactory on arrival, return immediately, when money will be refunded.

Unrooted Cuttings or Pipa at one-half the price of Rooted Cuttings.

California Carnation Co.

LOOMIS, Placer County, CAL.

Mention The Review when you write.

LILLIAN POND....

THE LARGEST AND BEST WHITE.

A pure white flower averaging 3½ inches on long stiff stems. A continuous, free and early variety with a flower perfectly formed and very fragrant.

A Money-Maker for You All.

Orders filled strictly in rotation, delivery commences January 1, 1903.

Prices—12, $1.50; 25, $3.00; 50, $5.00; 100, $10.00; 250, $23.00. 500, $37.50; 1000, $75.00.

S. J. REUTER,

WESTERLY, RHODE ISLAND.

ROOTED CUTTINGS OF ROSES

Now Ready. Write us your wants.

BOSTON FERNS in 2½, 3, 4, 5, 6, 7, 8 and 10-inch.

Stock Plants of Chrysanthemums.

GERANIUMS in 2½-inch pots.

SMILAX. Plumosus and Sprengeri.

CINERARIAS in 4-inch pots. Extra nice plants.

Cut Flowers -- ROSES, CARNATIONS and MUMS.

.....Write.....

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

WM. MURPHY,

Wholesale CARNATION Grower.

Cut Flowers and Rooted Cuttings

of Murphy's White. Jan. delivery, **$6.00** 100; **$50.00** 1000. Phone Main 4111. Wire or write.

130 East Third St., CINCINNATI, O.

Mention The Review when you write.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

CARNATIONS!

12,000 strong healthy field-grown plants.

	Per 100	Per 1000
Bradt	$7.00	$60.00
Marquis	6.00	50.00
Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

250 of one variety at 1000 rate.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

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MISS LOUISE FABER

The longest stemmed carnation in existence. Its fragrance and blooming qualities are second to none. Color a bright pink. Flowers measure 3 to 3½ inches, and stems 3½ to 4 feet. Received a certificate of merit at the summer exhibition of the Pacific Coast Horticultural Society in San Francisco. Prices: $2.00 per 12; $10.00 per 100; $75.00 per 1000; $500.00 per 10,000. Orders filled in rotation, beginning Feb. 1.

FICK & FABER,

SAN MATEO, CAL.

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ALL THE BEST CARNATIONS

LEADING NOVELTIES OF 1903.

The Best Varieties of 1902.

All the Standard Varieties.

Send in your orders for Rooted Cuttings **now.**

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F. DORNER & SONS CO., LaFayette, Ind.

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Our BEAUTIES

won the First Prize of $150.00 for one hundred Beauties at the KANSAS CITY SHOW in a warm competition.

We are headquarters on AMERICAN BEAUTIES.

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51 Wabash Avenue, ——CHICAGO.

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SPECIAL LOW PRICES

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DUTCH HYACINTHS

for FORCING or BEDDING,

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LILIUM LONGIFLORUM.

J.M.THORBURN & CO.

36 CORTLANDT STREET, NEW YORK

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The GLENWOOD NURSERIES

EVERGREENS.

The largest and most complete assortment of **Specimens**, sheared and of natural form. All roots pruned and carefully grown.

Evergreen Trees, Evergreen Shrubs and **Vines** for window boxes and Winter decorations.

DECIDUOUS TREES.

20,000 **Oriental Plane Trees**, 6 to 14 feet.
25,000 **Oaks**, in variety, 6 to 14 feet.
100,000 **Maples**, in variety. 8 to 18 feet.
Beech, Birch, Ash, Elms, Ginkgo Poplars and other leading varieties.

HEDGE PLANTS.

200,000 **California Privet**, 1 to 4 feet. The finest grown.
Osage Orange, Berberry Thunbergii, Altheas, etc.

FLOWERING SHRUBS.

15,000 **Hydrangea Paniculata Grandiflora**, 1 to 4 feet.
5,000 **Dentzias (Gracilis** and **Lemoinei)** for forcing.

A complete assortment of Shrubs of all sizes, including quantities of large shrubs for immediate effect plantings, as well as smaller grades.

Climbing Vines.

5,000 **Ampelopsis Veitchii**, 1 and 2 years.
20,000 **Hall's Japan Honeysuckle.**
20,000 **Clematis Paniculata.**
English and **Irish Ivies, Wistarias** and other vines.
Crimson Rambler, Wichuraiana and other climbing and running roses.

Special Quotations to large buyers. New Trade List now ready.
Descriptive Illustrated Catalogue on application.

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60 miles from New York. 30 miles from Philadelphia.

Last Call

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to be issued **NEXT WEEK.**
Copy must reach us by the morning of Wednesday, Nov. 12th, at the very latest.

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ASPARAGUS PLUMOSUS NANUS

Strong and Bushy, 3-in. pots, per 100, **$5.00.**

TOBACCO STEMS. FRESH AND STRONG.

Bale of 300 lbs. **$1.50.**

W. C. BECKERT, Allegheny, Pa.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,

300-306 Dearborn St., CHICAGO.

Mention The Review when you write.

B. & A. Specialties.

AZALEAS. We have just received our importation of Azaleas, consisting of 35,000 plants in splendid condition, being well budded and covered with a mass of green foliage. **Don't place your orders** until you have inspected this immense quantity of stock. Everybody visiting New York will do well to call upon us. We are only a few minutes from New York City. See our stock and convince yourself we have the finest ever imported. The varieties are the most popular for American trade and consist of the following: Van der Cruyssen, Vervæneana, Prof. Walters, Niobe, Bernard Andre alba, Empress of India, Schryveriana, Simon Mardner, Dr. Moore, Emperor of Brazil, Deutsche Perle and many other exquisite varieties little known to the trade.

BULBS. Ask for our surplus list quotations.

Lilac for forcing; pot grown, $6 doz., $45 100. Chas. X., Marie Legraye, Mme. Lemoine.

Deutzia Gracilis, pot grown, $1.50 doz., $12 100.

We would suggest your leaving the selection to us as much as possible, stating if you need early or late kinds. This will enable us to give many choice varieties. Prices F. O. B., Rutherford, N. J.: 8-10 in. diam., $3.50 doz., $25 100; 10-12 in., $4.50 doz., $35 100; 12-14 in., $6 doz., $45 100; 14-15 in., $7.50 doz., $55 100; 15-16 in., $9 doz., $65 100; 16-18 in., $12 doz., $90 100; 18-20 in., $25 doz., $200 100; 20-24 in., $36 doz., $300 100. Special prices for large specimens and quantities.

BOBBINK & ATKINS, - - RUTHERFORD, N. J.

Mention The Review when you write.

CLEVELAND.

Business has been very good lately, quite a large number of funerals and a great many weddings helping trade considerably. The mum is with us, some good, some bad and some indifferent, but as a general thing those I have seen have been very good, with the later, and of course better, ones to hear from. Roses and carnations are both improving in quality. The supply of carnations promises to be larger than ever before, as many more have been planted than in previous seasons. We have not yet had a general killing frost, though some sections have been touched.

A visit to the Storrs & Harrison Co., at Painesville, found them busy digging and storing trees and shrubs for the winter. The season has been so wet that the digging has been delayed. Their houses are full of miscellaneous stock for their large mail trade.

R. Addicott & Son have their houses about finished and all planted. Their stock is looking fine, especially two houses of roses that were carried over.

Bate Bros. have a fine lot of stock, especially a house of roses, which is in prime condition. Several houses of roses now in their third year were making splendid growth. They have not yet put the glass over their violets.

A. Graham & Son were busy getting in their ivies, of which they grow a great many; also vincas, a hundred-foot bench being filled with them. They have a lot of Lorraine begonias in fine shape.

Mary A. Tilton, wife of Alfred Tilton and mother of Geo. A. Tilton, died October 28, and was laid at rest October 30.

TENEP.

HOUSTON, TEX.—W. W. Westgate has returned to this city from Seattle and has again engaged in the florist business. He is now president and general manager of the Houston Seed and Nursery Co., 1906 Bagby street. S. T. Middleton remains as secretary and treasurer. Mr. Westgate is moving all the stock from the old stand on Washington street, where his mother, Mrs. N. E. Westgate, was in business until her death about a year ago.

CORRECTION—In the advertisement of Nathan Smith & Son in our last two issues the quotation on Nephrolepis davallioides furcans should have been $5.00 and $6.00 per dozen instead of per 100. The error was no doubt apparent to all.

If you have not already mailed copy for your adv. in our Thanksgiving Number, to be issued next week, do not fail to mail same at once or you may be too late.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Dracaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

The GEO. WITTBOLD CO.
1657 Buckingham Place, CHICAGO.

BUCKLEY'S
NOVEMBER OFFER!

GERANIUMS—Extra strong rooted cuttings true to name. **Jean Viaud** (the pink novelty), $2.00 per 100, $18.00 per 1000. S. A. Nutt, Alp. Ricard, Beaute Poitevine, E. G. Hill, Mme. Jaulin, Mme. Bruant, Duchess of Orleans, L. P. Morton, $1.50 per 100, $14.00 per 1000.
VERBENAS—Our 20th Century Collection, 25 latest mammoth varieties to date, labeled, strong plants, 2¼-in. pots, $1.50 per 100, $14.00 per 1000.
SMILAX—If you want smilax here is your chance to secure first-class stock; to move quickly, 2¼-in., 50c per 100; $5.00 per 1000.
ASPARAGUS SPRENGERI—Extra fine, 2½-in., $2.00 per 100; 2-in., $1.25 per 100.
PETUNIAS—Ten novelties from Dreer's and Henderson's latest sets; strong R. C. $1.25 per 100.
FEVERFEW — Little Gem, strong R. C., 75c per 100.
MARGUERITE—Chrysanthemum Frutescens, white and yellow, $1.00 per 100.
SALVIA—The two best, St. Louis and Bonfire 75c per 100.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

VIOLETS, Swanley White and Lady Campbell, 3-inch pots, $3.00 per 100; $30.00 per 1000.

CHRYSANTHEMUMS.
Stock plants of Kalb, Ivory, Major Bonnaffon, White and Yellow Robinson and Col. Appleton, at $6.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.
Mention The Review when you write.

LAST CALL
FOR ADVS. FOR OUR
Thanksgiving Number
to be issued **NEXT WEEK.**
Copy must reach us by the morning of Wednesday, Nov 12th, at the very latest.

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

FLUSHING, L. I., Dec. 11, 1901.
MR. THERON N. PARKER,
Parker-Bruen Mfg. Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. THORNE.

LA FAYETTE, IND., July 8, 1902.
THERON N. PARKER,
Harrison, N. J.
Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support.
Yours truly,
F. DORNER & SONS CO.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO. (Inc.)
208 Jersey Street,
HARRISON, - NEW JERSEY.
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We have the largest stock of
ARAUCARIA EXCELSA
In the country, May importation, raised from top cuttings only

5-in. pots, 3 tiers, 10 inches and above $0.50
5½-in. pots, 12 to 14 inches ..... 60c to .75
6-in. pots, 15 to 18 inches ..... 75c to 1.00
Specimen 1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots ..... .75
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen ..... from $4.00 to 5.00
Boston Ferns, 6-in. pots ..... .40

Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 Ontario St., PHILADELPHIA, PA.
Mention This Review when you write.

NEPHROLEPIS PIERSONI,

of which a frond is shown here, received at the ASHEVILLE CONVENTION

The Only Gold Medal ever awarded by the S. A. F.

It has received awards and certificates wherever shown. It has all the good qualities of the Boston Fern and is much handsomer

Send now for our circular telling all about this great novelty which William Scott says, in his notes in the REVIEW, will entirely supersede the Boston Fern.

Awarded **Silver Medal** at the New York exhibition this week for the best "New and Meritorious Plant of American Origin."

ANOTHER GOLD MEDAL
Just awarded at Kansas City.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

WHEN IN NEED OF

BOXES

Try our improved folding box, with superior white finish and improved corner lock.

☞Samples free on application. No charge for printing in 500 lots or over.

C. C. POLLWORTH CO., Milwaukee, Wis.

Mention The Review when you write.

"A SYNDICATE."

According to reports in the daily press a "syndicate" has been formed by Joseph Fleischman, of New York, for the purpose of "controlling the flower market" in the large cities. According to the report it is "a million dollar syndicate" and is "to knock out the middlemen by raising its own flowers and selling them direct to the public." Also: "Incidentally the price of flowers is to be reduced 50 per cent in the stores to be owned or controlled by the syndicate."

The fact that Mr. Fleischman has led the daily press to widely disseminate such "news" as this indicates that he has great ability as an advertiser. The dear reporters, in their anxiety to get hold of anything to make a sensation, have given the astute Mr. Fleischman an immense free adv., the value of which can hardly be estimated. The assertion that the prices would be reduced 50 per cent in the syndicate stores (the Fleischman syndicate, of course,) makes the free adv. a gem. Think up another, Mr. Fleischman. It's much more effective and a whole lot cheaper than buying space at regular rates.

KALAMAZOO, MICH.

Here, as elsewhere, mums are having a depressing effect on the marketing of other stock. During the first part of the month the demand and prices were good, but with the advent of mums these took a big drop.

The supply of roses is not very large, most of the growers being a little off crop just at present, but the quality is good and there are prospects of a fine cut later on. Beauties have been particularly fine and plentiful.

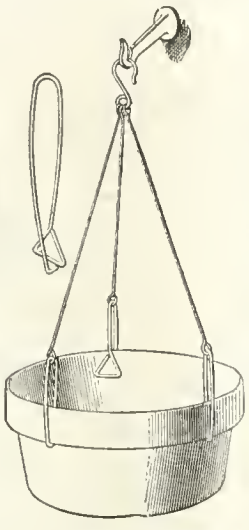
Carnations are not overplentiful; the crops are just beginning. The quality is excellent and the supply promises to be large.

Mums are plentiful and of a high grade. The Van Bochoves have had an extra fine display, particularly in pot plants.

Reports from all around regarding stock and prospects are very satisfactory.

Visitors: F. W. Creighton, Philadelphia, and A. W. Gonter, Battle Creek, Mich. R.

ELMIRA, N. Y.—The annual fall exhibition of the Elmira Horticultural Society will be held Nov. 11 and 12. A silver cup is offered for the best seedling chrysanthemum not yet disseminated.



KRAMER'S POT HANGERS.

Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain as shown in cut $1.00 per dozen by express. Sample dozen by mail $1.25.

I. N. Kramer&Son
Cedar Rapids, Ia.

Mention The Review when you write.

..GERANIUMS..

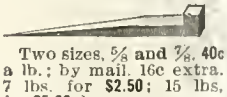
Good Assortment, Standard Varieties, from 2¼-in. pots, $2.00 per 100.

	100
Giant Double Alyssum, 2¼-inch pots	$2.00
Dwarf " " 2¼-inch pots	2.00
Hardy English Ivy, 2¼-inch pots	2.00
Swainsona Alba, 2¼-inch pots	2.00
Baby Primrose, 2¼-inch pots	2.00
Lemon Verbena, 2¼-inch pots	2.50
Ageratums—Stella Gurney and Dwarf White, 2¼-inch pots	2.00
Abutilon, in variety, 2¼-inch pots	2.50
Alternanthera, in variety, 2¼-inch pots	2.00
Coleus, in variety, 2¼-inch pots	2.00
Lantana, 10 varieties, 2¼-inch pots	2.00
Smilax, 2¼-inch pots	2.00
Salvia Silver Spot, 2¼-inch pots	2.00

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.



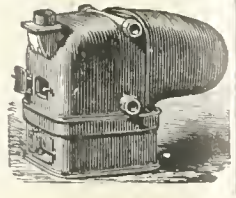
SIEBERT'S ZINC NEVER RUST GLAZING POINTS

Two sizes, ⅝ and ⅞. 40c a lb.; by mail, 16c extra. 7 lbs. for $2.50; 15 lbs. for $5.00, by express.

Over 6,000 lbs. now in use. For sale by seedsmen or

CHAS. T. SIEBERT, Sta. B, Pittsburg, Pa.

Mention The Review when you write.



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233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
And Ventilating Apparatus
Send Four Cents for Catalogue.

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REDUCED PRICES ON

FIELD-GROWN CARNATIONS!

Triumph, Morning Glory, Joost, Marquis, Prosperity and Genevieve Lord, at $5.00 per 100.

Stock Plants. Chrysanthemums.

White and Yellow Fitzwygram, Ivory, Dalskov, White and Yellow Jones, Bergmann, Robinson, Primo, Lady Harriet, Willowbrook, Monrovia, Opah, Parr, Polly Rose, Golden Wedding, Bonnaffon, Pierson, Appleton, Halliday, Mrs. E. D. Smith, Eaton, at $8.00 per 100.

Boston Ferns 2½-inch at $6.00, 3-inch at $10.00, 4-inch at $15.00, 5-inch at $25.00, 6-inch at $50.00, 7-inch at $100.00, 8-inch at $125.00 per 100.

Cash or C. O. D.

W. J. & M. S. VESEY, FT. WAYNE, IND.

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for Advs. for our

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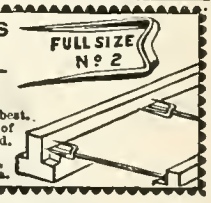
Holds Glass Firmly
See the Point
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.



THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

WALTER MOTT SEED & BULB CO.,

Jamestown, N. Y.

SEND FOR CATALOGUE.

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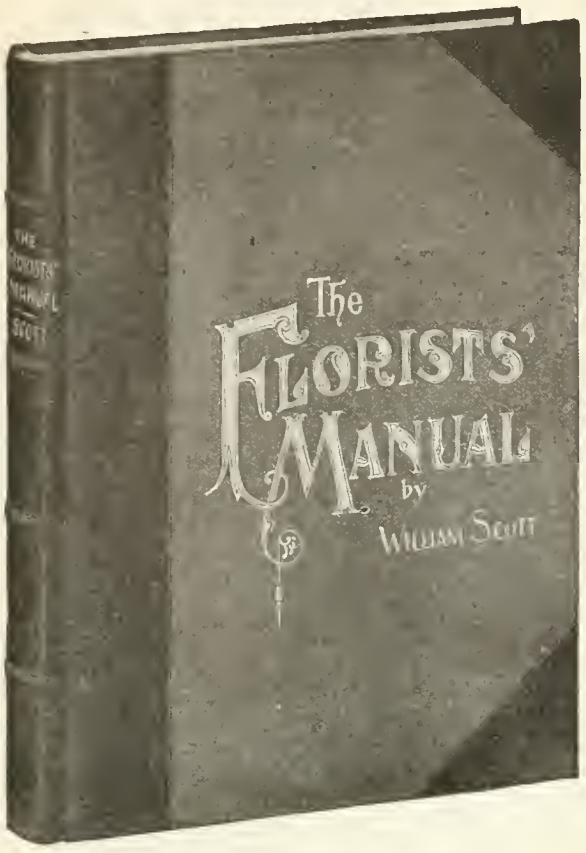

HERE IS A BUSINESS BOOK FOR BUSINESS MEN

NO SCIENCE BUT LOTS OF PRACTICAL COMMON SENSE.

It don't tell you the botanical classification but it does tell you how to produce marketable plants and cut flowers in the best and cheapest way.

It don't list every plant in cultivation but it does tell you just what you want to know about every plant that there is any money in for a Commercial Florist.

The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

FLORISTS' PUBLISHING CO.

Caxton Building, CHICAGO.

The book treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

It is a book that you need in your business just as you need any other useful labor and money saving implement or device.

The price is $5.00, carriage prepaid.

If you have not already obtained a copy of this book order one now.

If you cannot spare the full price at once, write us for our monthly payment offer.

The Florists' Manual

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

By WILLIAM SCOTT.

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Acalypha
Acanthrophœnix
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Achillea
Achimines
Acrophyllum
Adiantum
Agapanthus
Agave
Ageratum
Allamanda
Alocasia
Aloysia
Alternanthera
Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Apnogeton
Aquatics
Araucarias
Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
Astilbe japonica
Azalea
Balsam
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Begonia
Bellis
Bottom Heat
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Bouvardia
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Calamus
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Hardy Shrubs
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FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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334 Dearborn Street, Chicago.

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J. AUSTIN SHAW, Manager.

Subscription $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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FAIRHAVEN, MASS.—H. H. Rogers is building three houses, each 19x65. Other improvements are being made.

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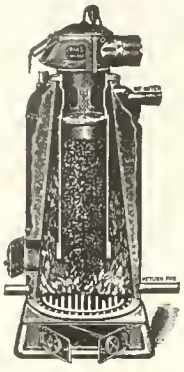

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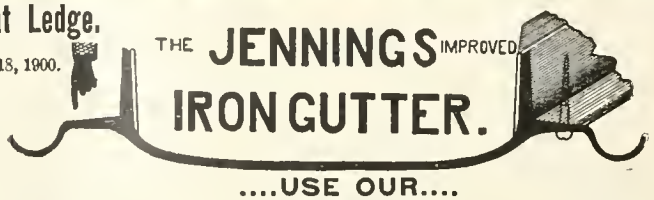

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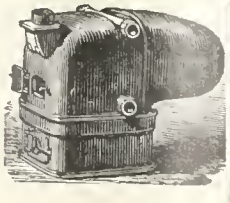

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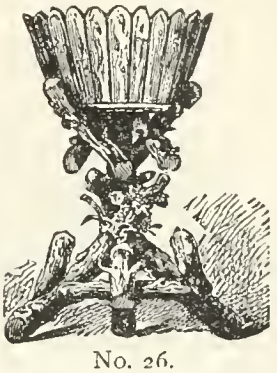

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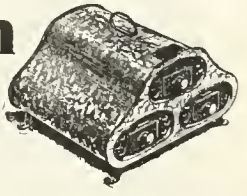

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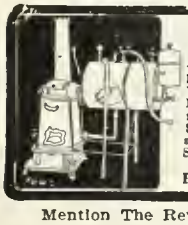

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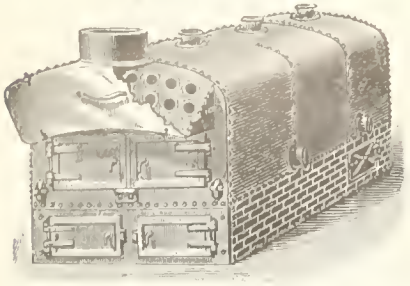

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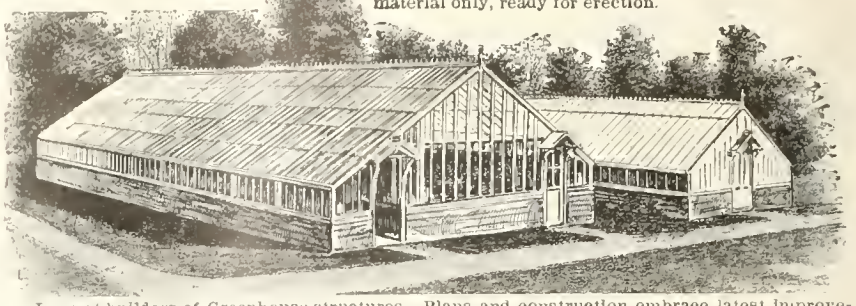

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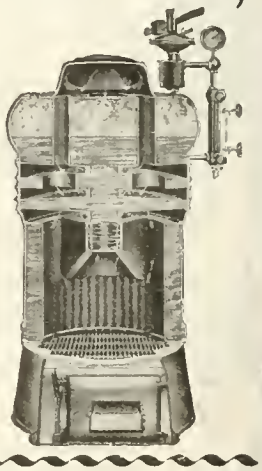

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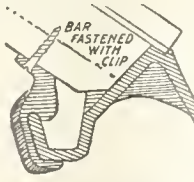

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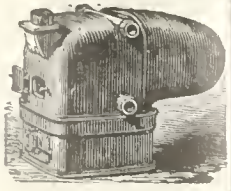

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Jamaica Plain
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THE WEEKLY FLORISTS' REVIEW

THANKSGIVING NUMBER

CHICAGO, NOVEMBER 13, 1902

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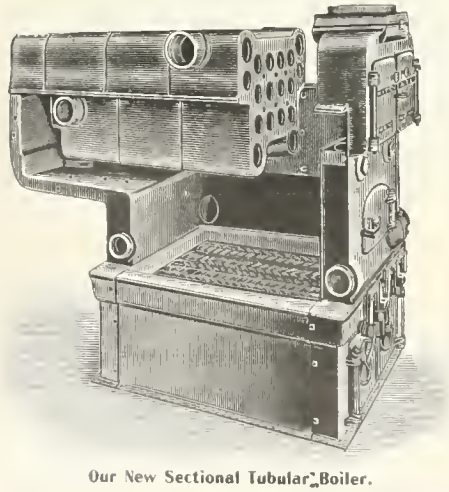
Structural Material Furnished Ready for Erection.



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Hot Water Boilers For Greenhouse Heating.

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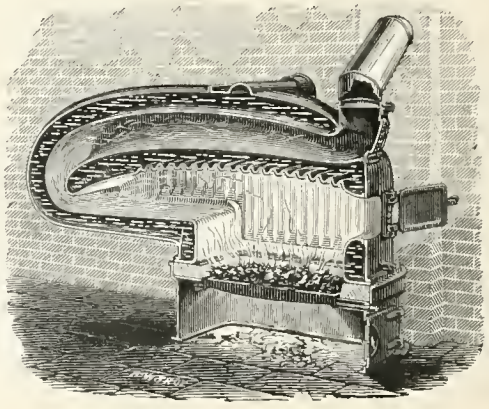

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NEW YORK CITY.

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Vol. X. CHICAGO AND NEW YORK, NOVEMBER 13, 1902. No. 259.

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and for

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Seem all to KNOW the man who SELLS them best.
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"Long live Sir Charles Millang, the Lily King."

And not only LILIES, but ROSES and CARNATIONS. VIOLETS,

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No reason why we should'nt "live in clover."

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8-inch pot, 4 plants, 36 to 40 inches high	$3.00 each
8 " 4 " 48 "	4.00 "

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200 at thousand rates; 25 at hundred rates.

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White Romans, 11x12, $1.50 per 100; $14.00 per 1000.
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Blue, light or dark rose Romans, **very** large bulbs, $1.65 per 100; $15.00 per 1000.
White Italian, extra fine forcer, $2.00 per 100; $18.00 per 1000.

NARCISSUS.

	100	1000
Paper White Grandiflora, 13-16 cm.,	$ .70	$6.00
Von Sion, TRUE Dutch, EXTRA double-nosed	1.25	10.00
Von Sion, TRUE Dutch, extra select, many double-nosed	1.00	8.00
Golden Spur, 1st size, **very** large, 30c per doz	1.50	
Single mixed, double mixed, or Trumpet **Narcissus, all our own very BEST and CHOICEST** mixture,	.60	5.00

TULIPS.

We have in stock all FLORISTS' sorts but offer at a great reduction especially our

	100	1000
SUPERIOR choice EARLY single mixed	$ .50	$4.00
SUPERIOR choice double mixed	.55	4.50
Gesneriana, the TRUE sort	1.00	9.00
A large surplus of **Keizerskroon** at..	.85	8.00
CALLA Richardia (Spotted Calla)..	3.00	25.00
ALLIUM NEAPOLITANUM	.35	3.00
GLADIOLI COLVILLEI ALBA..	.45	4.00

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Lil. Longiflorum, SAME unrivalled stock we have been furnishing FLORISTS for 20 years. Time to plant them now for **EASTER.**

6x8, 100, $2.50; 1000, $23.00 9x10, 100, $6.00; 1000, $55.00
7x9, 100, 3.75; 1000, 35.00 10x11, 100, 7.50; 1000, 70.00

All Japan Lilies in now.

DUTCH HYACINTHS.

Finest named sorts, in separate colors, our selection, $3.50 per 100; separate colors, mixed, $2.25 per 100.

Due shortly—SPIRAEAS—large fine clumps.

	doz.	100
Spiraea Japonica	$ .60	$3.00
" Compacta floribunda	.75	3.50
" Astilboides floribunda		4.50
" Gladstone, **finest of all**	1.25	9.00

ARAUCARIA EXCELSA SEED

This seed ripens only ONCE in three years. We offer doz., 20c; 100 seeds, $1.00; 1000 seeds, $7.00.

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The coming CUT FLOWER. 100 seeds, 25c; 1000 seeds, $2.00.

KENTIA BELMOREANA or FORSTERIANA Seed.

1902 crop, 100 seeds, 50c; 1000, $4.00; 5000, $15.00.

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SELECTED THREE-YEAR-OLD HAMBURG. Strong, well developed pips, best adapted for later forcing. Our stock will be found far superior to ordinary importations of Hamburg Valley. **$24** per case (2500 pips); **$1.25** per 100; **$10** per 1000.

STRONG CLUMPS, $2.50 per dozen; **$20** per 100.

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THE EXHIBITIONS.

CHICAGO.

The exhibition of the Chrysanthemum Society of America and the Horticultural Society of Chicago opened Tuesday at the Art Institute and the display is especially strong in chrysanthemum blooms. Plants are as freely shown as in the past few years, but the blooms are wonderful. The exhibition presents quite a different appearance from its predecessors, being placed in a large hall, much longer than wide. The smaller vases of blooms are placed on a balcony extending along one side of the hall, and the larger ones are in an annex on the main floor. The general view is rather less impressive than usual, but the individual exhibits are magnificent in nearly every case. The competition in the classes for chrysanthemum blooms was in many cases very sharp, several classes having eight to ten entries.

with Rustique; Hill & Co. second, with Kate Broomhead.

Twenty-five any other color, N. Smith & Son first, with Mr. T. Carrington; H.W. Buckbee second, with Chas. Davis.

Six white, Chicago Carnation Co. first, and W. J. & M. S. Vesey second, both with Eaton.

Six light yellow, Chicago Carnation Co. first, with Bonnaffon; H. W. Buckbee second, with Pennsylvania.

Six dark yellow, Fritz Bahr first, and W. J. & M. S. Vesey second, both with Appleton.

Six light pink, E. G. Hill Co. first, with Bentley; Vaughan's Seed Store second, with Yanariva.

Six dark pink, N. Smith & Son first, with Morel; Hill & Co. second, with Quito.

Six red, E. G. Hill Co. first, with Intensity; Chicago Carnation Co. second, with Jno. Schrimpton.

cluding notable blooms of Durban's Pride, Mrs. E. J. Taggart, Mlle. M. Liger, Hero of Mafeking (a lemon reflexed), Queen Alexandra and Lavender Queen; N. Smith & Son second and H. W. Buckbee third, all with very fine blooms.

Ten blooms, one variety, the Chrysanthemum Society of America's silver cup, Pochlmann Bros. Co., with Appleton. Other sorts entered in this class were yellow Eaton, Chadwick, and several very fine seedlings.

Vase of 100 blooms, one or more colors, arrangement as well as quality of blooms, to be considered, H. W. Buckbee first with a superb vase of Mrs. Jerome Jones; E. T. Grave second, with a great vase of Eaton; Fleischman Floral Co. third, also with Eaton. It was a grand display. The prizes in this class were $50, $40 and $30.

Vase of 100 blooms, none exceeding four inches in diameter, Chicago Carnation Co. first, with Bonnaffon.

Vase of 25 sprays pompons, N. Smith & Son first; Vaughan's Seed Store second.

Vase 25 Anemone pompons, N. Smith & Son first

Some Collections of Blooms at the Chicago Show.

Chrysanthemum Blooms.

For twenty-five blooms, white, Weiland & Risch were first and E. T. Grave, Richmond, Ind., second, both with Timothy Eaton.

For twenty-five light yellow, H. W. Buckbee, Rockford, Ill., was first, with Yellow Jones, and Mrs. A. M. Schaefer second with Bonnaffon.

Twenty-five dark yellow, E. G. Hill Co. first, and W. J. & M. S. Vesey second, both with Appleton.

Twenty-five light pink, Nathan Smith & Son first, with Iora; and E. G. Hill Co. second, with Lavender Queen.

Twenty-five dark pink, Nathan Smith & Son first, with A. J. Balfour, and E. G. Hill Co. second, with Quito.

Twenty-five red, N. Smith & Son first, with Intensity; Anton Then second, with Childs.

Twenty-five bronze, N. Smith & Son first

Six bronze, N. Smith & Son first, and E. G. Hill Co. second, both with Kate Broomhead.

Six any other color, E. G. Hill Co. first with Ville de Bordeaux, pink shaded lavender; Anton Then second, with Mr. T. Carrington.

Twelve blooms, three varieties, white, N. Smith & Son, first, with Adrian, Eaton and Mrs. Constable.

Twelve blooms, three varieties, yellow, N. Smith & Son first, with Mrs. E. D. Smith, Nagoya and Appleton.

Twelve blooms, twelve varieties, N. Smith & Son, first, with W. R. Church, Chenon de Leche, Goldmine, G. J. Warren, Marion Newell, W. H. Chadwick, Appleton, Mme. Carnot, Lily Mountford, Mr. T. Carrington, Merza and Morel; E. G. Hill Co. second.

Collection of forty named varieties, one bloom each, E. G. Hill Co. first, in-

Vase 25 Anemone Vaughan's Seed Store first, N. Smith & Son second.

Thirty-six blooms in not less than six varieties of French origin, gold medal of the National Chrysanthemum Society of France, E. G. Hill Co.

Chrysanthemum Plants.

Specimen plant, white, first, Jno. J. Mitchell, with Mutual Friend; second, H. W. Buckbee, with Nellie Pockett.

Specimen plant, yellow, first, Jno. J. Mitchell, with Sunstone; second, H. W. Buckbee, with W. H. Lincoln.

Specimen, pink, first Jno. J. Mitchell, with Bochmer; second, Vaughan's Seed Store.

Specimen, any other color, first, M. A. Ryerson; second, H. W. Buckbee, with Blackhawk.

Best specimen entered in above classes, first, Jno. J. Mitchell, with Mutual Friend.

Three standards, first, H. W. Buckbee, with Mrs. S. T. Murdock, Eaton and Appleton; second, Vaughan's Seed Store.

Five standards, first, Vaughan's Seed Store; second, H. W. Buckbee.

Best standard in previous classes, first, H. W. Buckbee, with Mrs. S. T. Murdock; second, Vaughan's Seed Store.

Five specimen plants in five varieties, 1st, Vaughan; 2nd, J. J. Mitchell.

Five specimens, anemone varieties, 1st, Vaughan; 2nd, Anton Then.

Five specimens, single, 1st, Vaughan.

Ten specimens, pompons, 1st, Vaughan.

Twenty-five, single stem, 1st, Vaughan.

Ten, single stem, 1st, Vaughan.

Orchids.

Collection of cut orchid blooms, 1st, A. Herrington, Madison, N. J., with a splendid group of cattleyas, cypripediums and Oncidium varicosum.

Collection of orchid plants, 1st, H. G. Selfridge.

Miscellaneous Plants.

Most interesting grafted plant, 1st, Vaughan; 2nd, Robt. Mueller.

Three standard geraniums, 1st, M. A. Ryerson; 2nd, J. J. Mitchell.

Fifteen geraniums, 1st, M. A. Ryerson; 2nd, Anton Then.

Specimen Adiantum Farleyense, 1st, Vaughan.

Specimen other fern, 1st, H. G. Selfridge; 2nd, Vaughan.

Six araucarias, 1st, Vaughan.

Five Gloire de Lorraine begonias, 1st, E. G. Uihlein; 2nd, Vaughan.

Flowering plant, 1st, E. G. Uihlein; 2nd, Bertermann Bros.

Display of stove and greenhouse plants, 1st, Mrs. Geo. M. Pullman; 2nd, E. G. Uihlein, 3d, J. J. Mitchell.

Display of flowering plants, 1st, Anton Then; 2nd, Vaughan; 3r, H. G. Selfridge.

Roses.

On Wednesday the roses had their inning and the display was a beautiful one. The winning vase of 100 Bridesmaids were remarkably fine and the quality was high all through. The awards follow:

Twenty-five American Beauties, 1st, Benthey & Co.; 2nd, Poehlmann Bros. Co.

Forty Liberty, 1st, Weiland & Risch; 2nd, Wietor Bros.

Forty Kaiserin, 1st, Wietor Bros.

Forty Golden Gate, 1st, Poehlmann Bros. Co.

Vase of Timothy Eaton by E. T. Grave, at the Chicago Exhibition.

Collection of ferns, 1st, Vaughan.

Five foliage plants, 1st, E. G. Uihlein; 2nd, Vaughan.

Specimen palm, 1st, Guardian Angel Orphan Asylum; 2nd, E. G. Uihlein.

Specimen croton, 1st, J. J. Mitchell.

Specimen draeæna, 1st, J. J. Mitchell; 2nd, E. G. Uihlein.

Specimen other decorative plant, 1st, E. G. Uihlein; 2nd, J. J. Mitchell.

Specimen Boston fern, 1st, Vaughan.

Forty Bride, 1st, Poehlmann Bros. Co.; 2nd, Benthey & Co.

Forty Bridesmaid, 1st, Pochlmann Bros. Co.; 2nd, Benthey & Co.

Forty Meteor, 1st, Poehlmann Bros. Co.; 2nd, Wietor Bros.

Forty Perle, 1st, Poehlmann Bros. Co.; 2nd, Bassett & Washburn.

Twenty-five any other variety, 1st, Peter Reinberg, with Mme. Chatenay; 2nd, Bassett & Washburn, with Carnot.

Fifty American Beauties, 1st, Benthey & Co.; 2nd, Poehlmann Bros. Co.

Seventy-five Liberty, 1st, Peter Reinberg; 2nd, Bassett & Washburn.

One hundred Golden Gate, 1st, Peter Reinberg; 2nd, Bassett & Washburn.

One hundred Kaiserin, 1st, Bassett & Washburn.

One hundred Bride, 1st, Benthey & Co.; 2nd, Peter Reinberg.

One hundred Bridesmaid, 1st, Benthey & Co.; 2nd, Peter Reinberg.

Fifty Ivory, 1st, Wietor Bros.; 2nd, South Park Floral Co.

Notes.

Among the out of town trade visitors at the exhibition up to Wednesday were: F. M. Ellis, C. A. Kuehn, Otto Koenig, Fred Ammann, Theo. Miller, F. C. Weber, John Steidle, A. Jablonsky, Fred Meinhardt, wife and sister, Carl Beyer, J. J. Beneke, James Gurney, Carew Sanders and J. F. Windt, Jr., St. Louis; G. A. Raekham, Fred Breitmeyer, Wm. Dilger, Frank Beard, Walter Taepke, Hugo Schroeter, Albert Bemb, Thos. Brown, Theo. Mitchell and Mr. Flowerday, Jr., Detroit; A. Herrington and J. R. Fotheringham, New York; E. G. Hill, Richmond, Ind.; Elmer D. Smith, Adrian, Mich.; Mrs. M. S. Vesey, Ft. Wayne, Ind.; J. F. Cowell, Buffalo; S. S. Skidelsky, Philadelphia; H. Weber, Oakland, Md.; Henry Smith, Grand Rapids, Mich.; C. A. Schmitt and J. G. Schumann, Cleveland; H. W. Rieman and Mr. Bertermann, Indianapolis; F. Dorner, Jr., Lafayette, Ind.; Andrew Peterson, Paxton, Ill.; C. W. Johnson, Rockford, Ill.; J. A. Peterson, Cincinnati; Mrs. L. H. Stafford, Marquette, Mich.; W. W. Coles and wife, Kokomo, Ind.; E. S. Thompson, South Haven, Mich.

A new chrysanthemum exhibited by E. G. Hill Co., under name of R. E. Richardson, is a remarkably soft and pleasing shade of pink, the blooms incurved, large and on good stems. It is the nearest to a real pink we have seen in a chrysanthemum.

The attendance has so far been very good, in spite of unfavorable weather on Tuesday.

MADISON, N. J.

Morris County Society's Flower Show.

The seventh annual flower show of the Morris County Society was held here on November 6 and 7 and proved to be the most successful one the society has yet held. The weather was fine and the attendance all that one could expect from a limited population. The show was unanimously voted the prettiest and most artistic that has been seen in this section, and the quality of the exhibits could not be excelled in any part of the country and in only few cases could it be equalled. This exhibition has been held continuously for seven years under practically the same management, and the result is seen in continuous improvement in the staging and general features, and this year it may be truthfully stated that the show is a model for others to follow.

In the cut flower classes, the ancient rivals, Messrs. Herrington and Duckham, were very conspicuous, and they may be said to have quit with honors about even. The premier class was for 36 flowers, 6 varieties and the judges, after long, careful work, decided in Mr. Duckham's favor. His varieties were Lord

Two of the Vases of 100 Blooms at the Chicago Show.

Salisbury, Mme. Thirkell (both grand), Mrs. Weeks, T. Carrington, Merza and H. J. Jones. Mr. Herrington was given second, his varieties being Merza, Appleton, Carrington, Chenon de Leche, Eaton, very fine, and Jeannie Falconer.

In the class for 18 flowers in 3 varieties, Mr. Herrington was first with Appleton, Eaton and Mrs. Barclay, Peter Duff being a good second.

For 12 flowers in 4 varieties A. Herrington was again first with Eaton, Appleton, Merza and Carrington, W. Duckham running a good second with W. R. Church as his conspicuous vase.

For 10 white A. Herrington was first with Merza, Jefferson Doremus being second with the same variety.

For 10 yellow W. Duckham was first with Mabel Morgan, a beautiful English variety, that will become a favorite with everyone; A. Herrington was second with Falconer.

In class for 10 flowers of Eaton, A. Herrington was easily first, Frank Burnett being second.

For 10 Appletons A. Herrington was again first, with W. Duckham second.

For 6 flowers, white, Peter Duff was first with Merza, and George Bird second with Mrs. Weeks.

For 6 yellow Alfred Coreu scored first with a nice vase of Minerva.

For 6 Eaton H. L. Hand was first and George Bird second. There were seven competitors in this class.

For 6 Appleton, which also brought out fine competition, Peter Duff got first, Frank Burnett second.

For 6 any color Peter Duff was first, with T. Carrington, H. L. Hand being second.

For a vase arranged with foliage the president of the society, Mr. E. Regan, got a well merited first.

The special prize for the largest flower in the show was given to the secretary, C. H. Atkins. This was a rank decision, and fraud and corruption on the secretary's part is openly charged. A recount of the votes may be necessary before the prize is finally awarded. The chief point at issue is where the secretary got his flower. It is known for a fact that he has not handled mums for years. If the flower has been five years growing, as claimed, its enormous size may be accounted for. When measured by the judges it was 28 inches in circumference, but as the evening advanced it had swelled to 41 inches, with two districts yet to be heard from. Finally a guard had to be placed over this flower, as one lady attempted to take it away, being under the impression that it was a Japanese screen. The variety was Malcolm Smith, an Australian importation, a freak of the first order, due to early bud selection.

Before leaving the mums, special mention must be made of an exhibit of 50 named varieties set up by W. Duckham. They were practically all novelties, and many of them will possibly never see the exhibition board again, but there were some very fine varieties among them. Florence Molyneux was the most conspicuous, a splendid white on the style somewhat of Eaton, but perfectly finished in the center.

Roses.

The rose classes were well filled, and considering the bad season, were of wonderful quality. Competition was excellent, running as high as twelve to fifteen entries in many of the classes.

For 18 Beauties L. A. Noe was first, with Henry Hentz second.

For 12 Beauties the order was reversed, Henry Hentz getting first and L. A. Noe second.

In 12 Bridesmaids Mr. Ryan was first, David Shannon second, Henry Hentz third.

In 12 Brides the order ran, Hentz first, Carl Holm, second, Noe third.

In 6 Maids W. Ryan first and Joseph Querney second.

In 6 Brides Henry Hentz first, with Carl E. Holm second.

Miscellaneous.

There were some very fine carnations staged, a variety, Glow-worm, in C. W. Ward's exhibit, being much admired.

For 12 flowers each of 3 varieties, W Duckham was first, with C. W. Ward second.

The violets were the best ever shown in Madison, the first for 100 blooms double going to Lyon & Striekland, Milton, N. Y.; J. Herzog second.

For 100 singles H. L. Hand was first, John Fraser second.

For group of chrysanthemums in flower with foliage plants, Mr. Hand was first.

For 3 specimen plants in flower, Peter Duff got first with fine plants of A. J. Balfour, Puritan and Walter Molatsch. Mr. Duff was also first for one specimen.

The prize for single stems was won by Mr. Hand; Peter Duff setting up a dozen Merza as single stems, not for competition, that I have never seen equalled for finish and perfection.

The vegetable classes are always a special feature here, and this year was no exception. For a collection W. Duckham was first, J. Fraser second.

For 12 heads of celery, the prizes were won by the same competitors in the same order.

For collection of apples first was won by Mr. Brant, H. Hand second.

Certificates of merit were awarded to W. Duckham for 50 distinct varieties of mums previously noted, and also for a pair of Kentia Sanderiana.

P. Duff was given a certificate for the wonderful lot of single stem Merza and F. R. Pierson Co. for its new fern. A. Herrington for Gerbera Jamesoni, John N. May for seedling pompons and Lager & Hurrell for table of orchids.

Not to trespass any longer on valuable space, I will only add that the judges were W. J. Stewart, of Boston; A. J. Loveless, gardener to John D. Sloan,

Lenox, Mass., and J. Fraser, of Cedar Court, Morristown, N. J. Their work showed careful and accurate judment and the best of feeling prevailed among the exhibitors in consequence. At the close of the show upwards of $70 was realized from the auction sale of the cut flowers, a welcome addition to the treasury.

The medals offered by Messrs. Moore, Hentz & Nash in conjunction with the society for the actual growers of the flowers were won as follows: 18 Beauties, Joseph Rusicka; 12 Bridesmaids, Wm. McGowan; 12 Brides, J. Milton; 36 mums, Samuel Redstone.

These medals are a wonderful help in bringing out exhibits, and it is an award that is highly cherished by the recipient and cannot be too highly commended. Brian Boru.

FLORAL ARRANGEMENTS.

At the Kansas City Show.

At the Kansas City show the competitions in the classes for floral arrangements began on Thursday with table decorations of chrysanthemums.

Mr. S. Murray's table had a low, single mums, tuberoses, etc. Mr. Rock, the first prize winner, had a nicely waving flag, and deserved the award.

The American Beauty vases were all well arranged. John Mangel, Chicago, received first; W. L. Rock, second; S. Murray, third.

The chrysanthemum vases were also beautiful and effective. John Mangel's vase, which took first prize, was arranged with the dark varieties, shading down to the yellow Mrs. Park, the Tom Thumb yellow being also used, and some pretty light green Asparagus plumosus strings around the vase, a cluster of dark and bronze flowers being tied with a wide olive green ribbon. This effect was very striking.

Mr. Rock's vase, which took second, was a combination of white and yellow blooms, most beautifully and effectively arranged. Mr. Murray's vase, which received third, was filled with white and yellow blooms, and was very large and showy.

In the competition in vases of carnations Mr. Thompson took first with his vase of Enchantress. Mr. Murray was second, using a combination of Morning Glory and a very dark one,

A. Herrington's Display of Orchids at the Chicago Show.

rather large, center piece, almost star shaped, of the yellow Robinson (a beautiful variety) interspersed with very fine adiantum. It was well gotten up and a credit to any florist. It received first prize.

Mr. W. L. Rock's table had a large flat center piece of Mme. Perrin, a pretty shade of pink, with fine adiantums. It took second prize.

Mr. John Mangel used a high center vase of Golden Wedding, the base of vase being arranged with yellow crotons, red berries and a few well colored oak leaves and asparagus. It won third prize.

The L. P. Walz's table had a low round arrangement of the three varieties of Ivory, shading from pure white on one side to light pink and darker pink. Asparagus tenuissimus was used on the cloth. This took fourth prize.

Friday was American flag day and the awards were: W. L. Rock, first; A. Newell, second; S. Murray, third; A. Barbe, fourth. These flags were made up pretty much of the same flowers, carnations for the red and white stripes, the blue field of immortelles and cape flowers, one being made of violets and another of ageratum, with the stars of which was very fine. Mr. Mangel was third with a vase of Morning Glory and Mme. de Jonghe, a pretty pink variety.

In the mixed vases S. Murray was first and John Mangel second.

On Saturday came the table decorations of flowers other than chrysanthemums, and they were most beautiful and costly, the principal flowers used being cattleyas and cypripediums.

First prize went to L. P. Walz, whose table had a low center piece of President Carnot roses, quite well open, with many buds and considerable foliage interspersed.

Mr. W. L. Rock's table, which was second, had a prettily arranged center piece of cypripediums with a pea green ribbon on one side. Very pretty but rather large.

Mr. Murray's table, which came third, had a large center piece of cattleyas and cypripediums, the effect being very rich and massive. A little crowded, but showy and effective.

Mr. Mangel's table had a center piece of cattleyas and adiantums and three smaller pieces of the same flowers.

The tables were all very pretty and a credit to those entering them.

L. P. Walz.

KANSAS CITY.

The rose competition on Wednesday at the exhibition brought out an excellent display. The awards were as follows:

Best 25 American Beauties. First, $15, Peter Reinberg, Chicago; second, $10, Benthey & Co., Chicago; third, $6, Reinberg & Weiland, Newcastle, Ind.

Best 40 Kaiserin. First, $8, Peter Reinberg; no second and third.

Best 40 Bride. First, $8, Benthey & Co.; second, $5, Reinberg & Weiland; third, $3, W. J. & M. S. Vesey.

Best 40 Bridesmaid. First, $8, Benthey & Co.; second, $5, Peter Reinberg; third, $3, Reinberg & Weiland.

Best 40 Meteor. First, $8, W. J. & M. S. Vesey, Fort Wayne, Ind.; no second and third.

Best 40 Perle des Jardins. First, $8, Peter Reinberg; second, $5, H. W. Buckbee.

Best 40 Golden Gate. First, $8, H. W. Buckbee; second, $5, Peter Reinberg; third, $3, W. J. & M. S. Vesey.

Best 25 Ivory. First, $10, Peter Reinberg; second, $8, H. W. Buckbee.

Best 25 Liberty. First, $10, Peter Reinberg.

Best display of roses of not less than 12 varieties nor more than 150 total, shown "any old way." Won by South Park Floral Co., Newcastle, Ind.

Best display of chrysanthemum plants and flowers. Won by Samuel Murray.

Thursday was yellow day and the awards were as follows:

Yellow roses, not less than 50 flowers, $25, Peter Reinberg, Chicago.

Yellow carnations, not fewer than fifty flowers, $25, J. D. Thompson.

Yellow flowers other than roses, carnations and chrysanthemums, 10 vases, $25, Samuel Murray, Kansas City.

For the best vase of yellow roses, not fewer than 50 flowers, variety not exhibited previous to October 25, $50, South Park Floral Co., Newcastle, Ind. Also awarded gold medal for new rose, Franz Deegan.

Yellow chrysanthemums, not less than 50 flowers, $25, E. G. Hill Co.

Friday came the seedling chrysanthemums and the awards were as follows:

Best 3 largest and best 3 smallest chrysanthemums, any kind, any color, $25, Nathan Smith & Son.

Chrysanthemums, seedlings, best white, ten blooms, Nathan Smith & Son.

Best yellow, 10 blooms, $8, Vaughan's Seed Store.

Best pink, 10 blooms, $8, E. G. Hill Co.

Best red, 10 blooms, $8, Nathan Smith & Son.

Best bronze, 10 blooms, $8, Nathan Smith & Son.

For the best variety in classes 128 to 134, inclusive, $8, First, Nathan Smith & Son.

Best 50 flowers, any color, of European origin, $30, $20, $10, First, Nathan Smith & Son; second, E. G. Hill Co.

Best 50 flowers, foreign, other than European, any color, $30, $20, $10, First, E. G. Hill Co.; second, Nathan Smith & Son.

Best 50 flowers, American raised, any color, $30, $20, $10, First, Nathan Smith & Son; second, E. G. Hill Co.

For most novel and distinct American raised seedling, not before exhibited, not fewer than blooms, $150, won by Nathan Smith & Son.

For 6 most distinct 12 flowers, each introduction of 1902, $30, $20, $10, First, E. G. Hill Co.

For best European novelty not yet distributed in America, not fewer than 50 flowers, $50, won by E. G. Hill Co.

On Saturday came another competition in roses and in new carnations. The awards follow:

Best Liberty roses, 75 flowers, $40, $30, $20, First, Peter Reinberg, Chicago.

Best sport, any color not yet distributed or shown previous to 1902, $30; won by Peter Reinberg, sport of Golden Gate and named "Uncle John."

Carnations, best white, 20 blooms, $8, $4, $2, First, F. Dorner & Sons, Lafayette, Ind.; second, Chicago Carnation Co.; third, H. Weber & Sons, Oakland, Md.

Best red, 20 blooms, $8, $4, $2, First, Chicago Carnation Co.; second, E. T. Grave, Richmond, Ind.

Best pink, 20 blooms, not lighter in color than Scott, $8, $4, $2, First, J. D. Thompson; second, E. T. Grave; third, F. Dorner & Sons.

Best pink lighter in color than Scott, $8, $4, $2, First, J. D. Thompson; second, F. Dorner & Sons.

Best 20 blooms any other color, $8, $4, $2, First Chicago Carnation Co.; second, Henry Eichholz, Waynesboro, Pa.; third, F. Dorner & Sons.

Best 100 scarlet, $30, $20, First, Chicago Carnation Co.

Best 100 white, $30, $20, First, Chicago Carnation Co.; second, H. Weber & Sons.

Best 100 flesh color or blush, $30, $20, First, J. D. Thompson.

Best 100 light pink, $30, $20, First, J. D. Thompson.

A Corner at the Chicago Show.

Best 100 dark pink, $30, $20. First, E. T. Grave; second, J. D. Thompson.
Best 100 crimson, $30, $20. First, Chicago Carnation Co.
Best 100 variegated, $30, $20. First, Chicago Carnation Co.; second, J. D. Thompson.
Best variety in classes 152 to 159, $50. First, Chicago Carnation Co.

The awards for floral arrangements and descriptions of the various entries will be found under another heading.

BUFFALO.

We have a new departure in the way of a flower show. The H. A. Meldrum Department Store opened their chrysanthemum show Tuesday. They offered liberal cash prizes in fifteen classes and there was active competition in nearly all. Three classes were restricted to flowers grown in Erie county, but the others were open to all, and a magnificent lot of blooms was the result.

There were collections of 100 blooms arranged for effect, and 100 blooms in 10 varieties, as well as classes for 25 of one variety. The quality of the flowers could hardly be excelled, and the general effect was better than that of any exhibition the local club has been able to produce. And though it may sound strange to some ears it was a handsomer display of flowers than there was at the recent Madison Square Garden show in New York up to Saturday night when I left. For prize winners and some other important items connected with this success, please wait till next week.

W. S.

ROSES.

Seasonable Hints.

It is now nearing the time for propagating, and every provision should be made so that a good, clear start is effected. The bench should be looked over and put into good order; the pipes, elbows, couplings, etc., under the benches should be examined, so that there will be no trouble after the cuttings are in.

It is a rare occurrence to find a house of Brides or Bridesmaids, in which these varieties are not more or less mixed. Now there is no reason why this should be so, as a little care and attention during October and November in marking the mixes, will remedy this and get the stock true to name.

It is obvious that at propagating time the plants will not all show flower and consequently no selection can be made then; so the proper course is to go over them frequently and put a prominent tag on all Brides that are in the Maid houses, and on all Maids that are in the Bride houses, and carefully refrain from taking wood from these.

This advice is not only for the grower who raises his own stock, but is even more applicable to those who raise young stock for sale. It is a sad disappointment to many growers who, at times, are forced to purchase stock of these varieties, which, after being planted and cared for, turn out a woeful mixture of both and frequently a generous sprinkling of Mermet also.

There are, no doubt, many firms who by care and attention in the selection of their wood are in a position to and do supply their customers with stock true to name; but experience teaches us that there are others.

By the way, our Eastern friends do not seem to take kindly to the new rose, Ivory. I see by the reports of the New York show that a very generous prize was offered for best 50 blooms, with the result that there was no exhibit. I guess they will line up by next year.

Last year, while collecting notes regarding the merits of Liberty, I wrote to an old friend in the East (a grower of high repute) for his opinion. His answer was short and pithy: "No good; too hard to grow." This year, wishing to have his opinion as to the merits of Ivory, I again wrote to him and his answer on this occasion was equally laconic: "No good; too easy to grow." I venture to predict that he and more of us, will find some good in it before another year is over, as it has so far upheld the reputation given it when it was put on the market. It is yet too early in the season to receive full criticism.

Ribes.

AVERAGE CUT OF ROSES.

The Review has given us the average cut of carnations. Now can it not give us the average cut of roses?

We grow about 8,000 plants, Maids, Brides, Beauties, Gates and Meteors. We keep count of our cut each morning, counting nothing but salable flowers, that is nothing with less than a twelve-inch stem and medium flower. We do not count firsts and mediums separately, but count all together. What I wish to find out is the average cut per plant in firsts and mediums, or both, from Sept. 1 to June 1, as any cut before or after the given dates are not counted.

N. G.

Roses which are planted early, having a longer growing season in which to form a large plant before September, will by reason of their greater strength, more extended root area, and greater number of flower bearing eyes, under the same treatment produce a much better average and especially of firsts and seconds, than those which are planted in June or early in July.

If planted early in June or late in May the average cut of all grades should be in the vicinity of 26 for Meteors, 25 for Maids and Brides, 27 for G. Gates and 12 for Beauties, these to be on their own roots.

As roses are graded at present it is difficult to define firsts and mediums, as what may be one grower's firsts may be specials with another, and what may be graded as specials one week may only rank as good seconds the next.

Ribes.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The Chicago Convention.

Though a preliminary session was held Wednesday morning, it was nearly 3 o'clock in the afternoon before the first business session was held, the convention convening in Fullerton Hall, at the Art Institute. President Herrington presided and C. W. Johnson acted as temporary secretary. After the usual preliminaries President Herrington read his address, which follows:

President Herrington's Address.

The Chrysanthemum Society of America was organized at Buffalo in 1889, with the following aims: "To increase the general interest in the cultivation of the chrysanthemum. To improve the standard of excellence in the flower. To improve the methods of cultivation and to increase its use as a decorative flower. To properly supervise its nomenclature; to keep a register of seedlings in order to prevent duplication of names; and to stimulate the growing and introduction of improved seedlings in every legitimate way."

The constitution under which we organized provided for an annual meeting to be held each year in November, but this proviso has been respected in the breach rather than in the observance, till today, after the lapse of a dozen years, the hope some of us have long cherished has, thanks to the munificence of the Chicago Horticultural Society, been consummated, and we are in convention assembled with a specific purpose, and that is to be more active and more aggressive in the pursuit of our objects and aims.

Through the years that have elapsed since organization the Chrysanthemum Society of America has done a lot of quiet but effective work, so as a prelude it is eminently fitting to review the past at this initial November meeting, to give an account of our stewardship before we attempt to anticipate the future and lay out plans for greater activity in the years to come.

Looking back, down the vista of years that have passed, the year 1894 marks an important epoch in the existence of our society. The faithful few that from its inception to date have maintained its continuous existence met during the convention of the Society of American Florists, held that year at Atlantic City, and devised the plan of having committees appointed in the following cities: New York, Chicago, Philadelphia, Boston and Cincinnati, these committees to meet and pass judgment upon any new varieties submitted to them, to gauge their merit by a standard scale of essential requirements, and to endorse those found worthy. The best testimony that can be adduced to demonstrate the wisdom of this action is the fact that these committees have met uninterruptedly ever since during the chrysanthemum season, that their endorsement of new varieties has been, and is still eagerly sought after, and their judgments when rendered have been well sustained. "By our works we are known," and it may in full truth be asserted that to this particular act the Chrysanthemum Society of America owes its past span of life, its existence today; and though many here present may be unconscious of the fact through not having given thought to the matter, the benefits that have accrued to chrysanthemum growers resultant from the labors of these committees have been of a lasting character and a strong safeguard against imposition. Intentional imposition is not by this implied; but a salutary check has been in existence that has prevented the foisting upon the public of an excessive number of new varieties, many of doubtful use or merit.

During these years the results have been as follows in certificates awarded by the C. S. A.: 1894, 28; 1895, 34; 1896, 54; 1897, 25; 1898, 33; 1899, 23; 1900, 17; 1901, 17. In eight years 131 varieties have gone out endorsed by the Chrysanthemum Society of America. Many of them, you will say, "like leaves on a stream, have come and gone and left no trace behind." We admit it; no judgment is infallible, but you will at least concede these judgments were conscientiously rendered, and if they did not eliminate all the chaff, the good grain was made more easy of discovery.

A fair percentage of the varieties certificated each year we are still cultivating. For example, from the 1894 list we have Jeannie Falconer, J. E. Lager, Philadelphia, and Helen Bloodgood, and from 1895 Mrs. Perrin, William Simpson, Modesto and Western King.

So much for the past. It is a record that stands, needs no apologies, justifies our existence as an organization, amply sustains our belief in the need of such an organization, and on this basis we stand today, asking more support and a stronger, more united effort in the pursuit of a work that must be continuous and can never be considered complete, for the chrysanthemum is here to stay. It has outlasted the short span of popularity certain pessimists in this country presumed to concede it; is permanently enthroned as "Queen of Autumn" in the hearts of thousands of flower lovers, and has a history and a literature surpassing by far that of any other flower. It behooves us, therefore, as sponsors for the chrysanthemum in America, not only to maintain unimpaired its historical continuity, its ancient and honorable lineage, but as a precious heritage from the past, to hand it down to the future with the pages of its historical record amplified by good work performed in our day and time, so that American contributions to chrysanthemum lore, American production of new varieties, may be on a par with those of the Orient, whence the flower first originated; of Europe with its 115 years of continuous work in the chrysanthemum field, and of the Antipodes, whence comparatively new workers are now sending us new varieties surpassing any heretofore obtained.

So much to show how broad the field, and as a national society we should heed well the fact and so broaden our sphere of labor as to command the support of all who love this flower.

The cited record of work accomplished is good as far as it has gone, but the lines have been constricted; and commercialism has dominated it all.. The chrysanthemum as a cut flower for the market must, of course, be adjudged by the qualities that befit it best for this special purpose; and what we have accomplished along these lines may be summed up in a few words. We have made amazing progress. The commercial aspect of the flower is not in danger of neglect; it must be maintained to insure its profitable cultivation.

But, coincident with the growth in popularity of the chrysanthemum, in fact, the most striking feature thereof, is the number of chrysanthemum exhibitions held each year in almost every state in the Union, no other flower being so universally exploited in this manner. Visit any of them, and if you have had an opportunity of visiting similar exhibitions in Europe, you have an admirable standard for comparison and should find much to reflect upon, and to our disadvantage. The same varieties that are in the cut flower market are dominant; in fact, almost wholly constitute our exhibitions. From an exhibition point of view, the paucity of variety and the similarity of type are most disappointing. Perhaps there is some connection between this and the lack of public patronage that many deplore who arrange otherwise attractive exhibitions! Is it not worth while trying to make the chrysanthemum exhibition more attractive and might not popularity follow as a sequel? We cannot tell until we make the effort, and we must begin by systematizing our work, or rather pursuing it along divergent lines centering on a special objective point. By giving more attention to the varied types of exhibition flowers, we might enhance amateur interest; we might create a little army of amateur growers who would cultivate for their own pleasure hundreds of lovely varieties, whose only shortcoming is, they are not amenable to commercial cut flower requirements, because they cannot be packed in a box, shipped to market, and come out again in presentable form.

If it were possible to estimate all that has been lost, all the varieties that have been rejected in the past through appraising them from the commercial standpoint, it might surprise us.

A century of continuously increasing interest, love and enthusiasm that marks the history of the chrysanthemum in Europe has not been fostered and sustained by restriction of variety and type. The European cut flower markets have their limited few adapted to this special need, but the gardens and greenhouses of thousands of amateur growers are replete with collections of hundreds of varieties, and their annual exhibitions are self-sustaining by large attendance. Continuous change prevails. The varieties of a decade ago are not there today.

It is this inherent infinite variety of the chrysanthemum that attracts with the everlasting anticipation of seeing something new. It is needless to enlarge upon the possibilities before us in this direction, but we cannot continually ignore them.

Again over a large area of our country the chrysanthemum as an open-air flower should have attention. Here, indeed, is a new and wide field wherein to labor, and effort intelligently directed along this special line would be most advantageous to many. It should have the consideration and support of our society.

Another matter of importance is how, as a society we may be truly national, the central and recognized head of chrysanthemum work in America. This is an executive matter and the initiative must come from within our own ranks. "'Tis not in mortals to command success, but

Arthur Herrington, Re-elected President of Chrysanthemum Society of America.

we'll do more, deserve it." Our committee work now commands universal respect. Let us devise ways and means to the end that all our work may do so. It should not be necessary for the Chrysanthemum Society of America to organize exhibitions every year. They are abundantly provided for, but the Chrysanthemum Society of America should be officially identified with some important exhibition each year, and in that place let the record of the year's work be made up and prospective lines laid down for the labor of the next year.

Cannot some arrangement be devised whereby the many existing local societies, the sole aim of which is the giving of a chrysanthemum exhibition, may by the contribution of a certain sum from their treasury become affiliated with the National Society, which in return should offer medals or other suitable awards at the exhibitions of those societies in affiliation and in other ways assist in systematizing all that is done in the chrysanthemum field? Some such plan exists with the National Chrysanthemum Society of England, and works to the mutual interest of all.

Our society, too, should take its place with other national societies in the matter of keeping records and publishing matter pertaining to its flower. We may regard lightly what we have done to date, but it will be of inestimable value if it is available to the future historian who writes up the record of the present time. Some of our faithful officers have this matter tabulated and compiled, but it loses half its value while unavailable for public reference. Our co-workers in England want to know what we are doing, and in one of their horticultural publications recently expressed a wish that we would publish a catalogue of American chrysanthemums, as was done some years ago and by them found very useful.

These are some of the matters now respectfully submitted for your consideration, and there are doubtless others that will occur and be suggested, for "in the multitude of counsellors there is wisdom," and we want to have the best thoughts of the brightest minds concentrated upon the cause of the flower we love.

Secretary's Report.

Of the twenty-nine varieties of chrysanthemums exhibited before the committees of the C. S. A., during 1901 seventeen received certificates. The varieties are as follows:

Opah (Nathan Smith & Son), Jap. ref., white, slightly diffused with pink.

Adrian (Nathan Smith & Son), Jap. inc., creamy white.

Harry A. Fee (Nathan Smith & Son), Jap. ref., bronze red, with yellow tips.

Oresco (Nathan Smith & Son), Jap inc., apricot, shaded pink.

Mrs. F. J. Taggart (Nathan Smith & Son), Jap. ref., yellow, Golden Wedding, Goldmine.

Polar Queen (Nathan Smith & Son), inc., outer petals reflexed, creamy white. Nagoya X Yellow Mrs. Jones.

C. Holst (E. G. Hill Co.), white; type of Merry Christmas.

Cremo (McMillan & Sons), Jap. ref., light yellow. Sport of Glory of Pacific.

John R. Weir (H. A. Molatsch), close Jap. inc., rose pink, light reverse.

Pride of Elstowe (Ernst Schreiber), ref., rose pink.

Honesty (George Hollis), Jap., white, cream center.

Providence (John G. Jensen), Jap. inc., light shade of nankeen. Supposed to be a sport from Western King.

Bentley (Robt. G. Carey), Jap. ref., light pink.

Henry A. Gane (Waban Rose Conservatories), Jap. inc., rosy pink, lighter center. Raised by the late Henry A. Gane.

Sirius (Wm. Paul Binder), ref., white.

Mrs. Wm. Fraser (Wm. Paul Binder), Jap. ref., magenta.

Miss Jane Morgan (Wm. Paul Binder), Jap. inc., pale pink.

Edwin Lonsdale, Secretary.

Treasurer John N. May submitted a detailed report, showing a balance of $514.27 in the treasury.

Election of Officers.

The election resulted in the re-election of President A. Herrington and the selection of F. R. Pierson as vice-president, Fred Lemon as secretary, and the re-election of Treasurer J. N. May.

Invitations were received from five cities anxious for the next convention, and the selection was left to the executive committee.

The paper by Mr. C. Harman Payne was then read.

In the discussion of this paper and the president's address many interesting views were brought out. Referring to the work done by the society in the past Mr. Rudd asked if any variety that had failed to win a certificate since the society had been in existence had been a commercial success, and none could be noted. He thought that this fact alone was sufficient reason for the existence of the organization and that it was to be warmly congratulated upon the excellence of the work done.

Mr. Payne's statement regarding the failure of English growers to succeed with American varieties brought out a number of suggestions as to the probable cause. Mr. Herrington thought that the tendency to mildew was the result of the transference to different climate and environment. Mr. Cowell emphasized this view by recalling that the early English varieties imported into this country were very subject to mildew. Mr. Hill thought the moister climate of England was a probable cause of mildew and noted that even such a sturdy grower as Timothy Eaton had been a failure in England.

After a lengthy discussion upon the desirability of increasing the number of varieties and types at our exhibitions, and of breaking away from what seems to be the too restricted lines we have been following in America, it was resolved to recommend to the various bodies giving exhibitions, that they include classes in which blooms of fine exhibition varieties lacking in stem and foliage may be attached to stems of more vigorous sorts in order that they may be properly displayed in vases, and that there be also classes for short stemmed blooms on boards in the English style.

Though this was adopted it was not unanimous, some holding that the proposed action was a step backward, and that any flower that is unable to hold itself up without being "grafted" is not good enough for an American exhibition.

The need for greater variety at our exhibitions is generally recognized, and splicing seemed to be the only way out of the difficulty if we are to make use of the sorts too weak to hold their heads up if vases are to be used.

AMERICAN CHRYSANTHEMUMS IN ENGLAND.

BY [illegible]

Read before the Chrysanthemum Society of America at the Chicago convention.

Having been invited to contribute a paper, to be read at the first convention of the Chrysanthemum Society of America, on a subject likely to interest American growers of this popular autumn flower, it seems that we may usefully consider some of the facts relating to the almost utter extinction of American varieties from our English exhibitions.

It is remarkable that while we had a large number of really meritorious American seedlings annually exhibited on the show boards of our leading exhibitions some few years ago, there remain today scarcely half a dozen that continue to find favor with our largest growers. There is, as most of us are aware, no question as to the ability of American seedling raisers to produce varieties of sterling merit. That fact has been proven over and over again, and is beyond dispute to those of us who have watched the progress of the chrysanthemum during the past twenty years.

To go back to the earliest attempts on the part of our American friends to supply European cultivators with novelties it is necessary to remind this meeting that one of the first chrysanthemum raisers in the states was Dr. Walcott, of Boston. John Thorpe, Mr. Waterer, of Philadelphia, and W. K. Harris were next heard of here as being engaged in the work and many of their varieties were imported into England about 1884-5.

I well remember somewhere about that date visiting my old friend, Norman Davis, then of Camberwell, and seeing for the first time many of these American novelties which he was probably the first to introduce, and the interest that their appearance then caused. Up to that time the French growers had enjoyed the sole monopoly for some years of raising new seedling chrysanthemums, as they appear almost to have done during later years. Many of these early American varieties being very distinctive in form, soon became popular with our growers and figured at English exhibitions in goodly numbers.

A few of them can be readily recalled to memory, viz.: Bicolor, Christmas Eve, Fimbriatum, Gloriosum, Gorgeous, Jessica, Moonlight, Mrs. C. W. Wheeler, Mrs. James R. Pitcher, Mrs. Vannaman, Mrs. Wm. Meneke, Sam Henshaw, White Dragon and so forth. Of course I am fully aware that some precise critics here at home will say that many of the first American novelties were really importations from Japan, but that has little to do with our present purpose, inasmuch as we received them from American sources.

Interest having been excited in these newcomers, our trade importers were not slow to appreciate the fact that to keep in the front they must each lay in a store of the American novelties year by year and so in due course other Americans were brought into the line of expansion. The novelties distributed by such growers as T. H. Spaulding, Peter Henderson & Son, Fewkes & Son, E. G. Hill, Nathan Smith & Son, Messrs. Hollis, Alex. Surman, Dorner, Pitcher & Manda, J. C. Vaughan, May and, for all I know, many more besides were annually added to the ever increasing collections of our large trade growers and importers.

When one remembers the names of these men and the numerous seedlings that they raised and distributed, a large proportion receiving recognition of their merits by the awards of first-class certificates from our leading societies, it is difficult to understand the reason of their present non-existence as show flowers. Everyone of course knows that improvement has been made, but as time went on American seedlings did not remain stationary any more than did the seedlings of their rivals.

Let us recall a few names extending over that period and in order of their appearance: Puritan, Beauty of Castlewood, Coronet, Miss Anna Hartshorne, Florence Percy, Lizzie Cartledge, Elmer D. Smith, Eda Prass, Col. W. B. Smith, C. B. Whitnall, Mrs. E. D. Adams, Julius Roehrs, Geo. W. Childs, W. G. Newitt, Golden Wedding, Good Gracious, Niveus, Mrs. E. G. Hill, Eugene Dailledouze, Mutual Friend, Mrs. Henry Robinson, Miss Georgiana Pitcher, The Egyptian, Modesto, Western King and Simplicity.

Now, to be properly understood, I do not mean to say that these and similar sorts are nowhere to be seen in England, but I do say that these and many other equally fine varieties have been entirely discarded by the most prominent of our exhibitors in the leading shows. And further that for several years past little or nothing of American origin has been sent over here to compete with the French and more recently the Australian seedlings. The consequence is that the English thirst for novelties has to be assuaged by other means, and that instead of there being a steady flow of novelties from the other side of the Atlantic to occupy a portion of the space vacated by varieties that are pushed aside for various reasons, nothing new or attractive has come before our notice for a long time past.

The chief places where public opinion on such matters is formed is undoubtedly at the trade displays and at the floral committee meetings where novelties are staged by growers and importers. So keen is the competition for supremacy that unless a new variety obtains a certificate or gives great promise it is hardly worth anyone's while to grow a new variety a second year, the number of novelties being so large.

There is, however, some consolation, but it is one that does not appeal to a raiser's pocket. At many private establishments and in the interesting collections that are gratuitously provided by the London County Council in the public parks many varieties, American as well as others, are included and are grown year after year. I think in an article on this subject which I wrote for the American Florist some time since special reference was made to this fact. But the average chrysanthemum grower for exhibition in England hardly ever pays a visit to such places, which are intended for the pleasure of the inhabitants in the district where the parks are situated. Consequently the authorities, not having to appeal to critical trade in such matters, often keep in their collections many old kinds of ordinary merit that are only fit for general decorative display. To the exhibitor for prizes, however, the early possession of the finest novelties means success or failure, and he will willingly pay the price for any new addition likely to secure him the fullest number of points, for that means a considerable amount of prize money in his pocket or an array of silver cups for his sideboard.

Whatever may be said to the contrary, growing prize chrysanthemums in England is mainly a matter of profit and not honor. And the proof of this is easily found in the fact that where substantial prizes are not offered there will only be found growers of average ability. And it is also noteworthy that whatever varieties are included in the winning stands of our cleverest exhibitors are eagerly sought after by the numerous small amateurs who hope to follow in the greater one's steps. Hence the sale of some peculiarly striking novelty will often run into thousands the first year it is shown.

Going back to the subject of local display at the London parks it is curious to notice, as I did last year, blooms of many American varieties that once occupied a much loftier position. Many of them were in their turn exhibition blooms; today they are rejected as such. Yet although not grown in such fine form as they were when in the hands of our expert cultivators they may live on for years giving pleasure to many, whose only opportunity of seeing such flowers at all is a quiet stroll through the greenhouse of a London park on a Saturday or Sunday afternoon in mid-October or early November.

Survivors of these American introductions are as follows: Mrs. E. G. Hill, an early useful variety for the back row of a group of pot plants; W. H. Lincoln, Delaware, the anemone; Wm. Trieker, a capital pink variety when grown for decorative purposes; Gloriosum, Modesto, Col. W. B. Smith, Niveus, Western King, The Egyptian, Simplicity, G. W. Childs, always bright and effective but rather small. There may be a few others but these are all that appear in my notes of last year's visits to the London parks.

While these remain the originators have some satisfaction in knowing that their efforts have not been entirely obliterated. But mere honors will scarcely console a man who undertakes the raising of any kind of plant for a livelihood.

Only today I have been inspecting the collection of a well known introducer of new chrysanthemums, a man with little or no sentiment in relation to the origin of the new chrysanthemums he has to sell. Upon finishing the work I expressed surprise that new American seedlings were practically non-existent in his collection and had been for some years. His remarks may be instructive and perhaps of service to American growers and are briefly as follows:

"Taken as a whole the American seedlings are, as regards the blooms, quite as fine in color as any others. The foliage is good but very subject to mildew, at least five out of every six suffering from this disadvantage. For quality in respect to seedbearing they are of a high order of merit. George W. Childs having been the parent here of many of our best dark-colored kinds. Most of the plants have the disadvantage of being too tall when grown in our style for exhibition blooms and, generally speaking, they are much later in blooming than the Continental varieties, an immense disadvantage when connoisseurs are eagerly on the lookout early in the season for novelties for the following season.

Again, many are rather coarse, and I remember this was the fault in the case of some of the first we ever had. They

Mr. C. W. Ward's Display of Carnations at the New York Show.

do not lend themselves to stopping for refinement and the difference in bud selection is a matter of paramount importance. If attempts are made to get them early by taking early buds the flowers come rough, and that is one of the greatest bars to successful exhibiting in this country."

Another factor in the case is the question of transport. My informant tells me that in getting young plants from the States in past years it was never possible to get them over soon enough in the year to flower them well the first season after arrival, and that means that they were often knocked out of the running for up to date exhibitors.

How far these opinions are shared by the general body of our trade importers I do not know, but it is not the first time similar complaints have been made to me when going the rounds of our trade displays. If anything contained in this paper should tend to a revival of commerce in chrysanthemums with this country and to American chrysanthemums once again occupying something like their old position, both I and many other lovers of the autumn queen will not fail to do them justice and American growers will once again share in the honor of producing varieties that will help materially to increase their fame and pecuniary advantage. To this end the present paper has been compiled and the time devoted to its compilation will be considered well spent if such a result can be brought about.

HOUSES AND BENCHES MOST SUITABLE FOR CHRYSANTHEMUMS.

BY WILLIAM SCOTT.

[Presented at the Chrysanthemum Society of America at the Chicago convention.]

When first asked to contribute something toward this convention it was suggested to me that I might better be able to say a few words about the most sensible structure, benches and ventilation, rather than the methods of culture; and with that suggestion I entirely agreed, for I am well aware that there are hundreds of men in our profession, both commercial and in private gardens, that can teach me in the culture of our Queen of Autumn, and have brought this glorious flower to a seeming point of perfection. Yet we must not say that further improvements cannot be made in this or any other flower. No one knows what can or will be done, and it appears to me that in those eighteen or twenty flowers that were exhibited at Madison Square Garden two weeks ago after a passage across the ocean on the good ship "Campania," and which were in marvelously perfect condition, there were at least half a dozen that, if not larger, were more beautiful and handsome than any existing varieties that I have had the opportunity to see. Perhaps in size the desired height has been reached, yet in delicate coloring, form and texture there is a further field ahead.

In considering what is the most suitable house for developing the chrysanthemum we must allow one fact, and that is that in this country, at least, no one can afford to let the chrysanthemum be the chief object in view. It must occupy the house for five or six months that after November must be utilized until the following June by one or more crops which from a money point of view are more valuable than the chrysanthemum, and the latter crops have cost more; for while little more than labor can be charged against the mums, there is a heavy fuel bill against the winter occupants. Fortunately the chrysanthemum asks for no special house, and while we are studying and improving the architecture of our houses for roses and carnations with a view to obtaining every ray of light in the dark and stormy winter days, the chrysanthemum is planted on the benches in the bright and sunny month of June and is cut before the dark days of winter arrive. Fortunately the majority, though not all, of our October and November months have bright, clear days and cool nights. I would say the ideal weather for these flowers.

As the growth of these plants is made during the summer months, when in normal seasons we have all the light and sun desired, it matters, I believe, little or nothing whether the house runs north and south or east and west, provided the glass is not of too small a size, but scarcely anyone now builds with less than 16 inches between sash bars. As above remarked, chrysanthemums are invariably grown in houses that later will be used for another important crop or crops. One man will fill up the benches with azaleas that have been kept in a cold frame, and Easter lilies that have also been in cold frame will occupy the space lately vacated by Timothy Eaton, and the florist who grows a general assortment of decorative and bedding plants, as the writer does, is always glad of the large additional space that the exit of the mum affords. For this reason, it appears to me, they are preferable, for I can well remember the time, twenty-five years ago, when a large proportion of our benches were idle during four or five summer months.

A New England grower, whose name I am not at liberty to mention, because I may not have his program down correctly, says he picks a million single violets during the winter; plants chrysanthemums, mostly early varieties, in June. When cut, these are succeeded by the violets. After Easter the violets are thrown out and a wonderful mammoth candytuft is planted, which comes in just right for Memorial Day and is a magnificent flower. It is then time to renew the soil and prepare again for the mums. Here are three simple crops filling out the year, and considering the fuel consumed and labor involved, is, I believe, most profitable.

When your houses are too far out to send in by wagon such plants as lilies, azaleas, etc., I cannot see that you can afford to occupy very much space with mums, because there is nothing to succeed them. Roses and carnations occupy the benches the entire year, and young stock of these occupy comparatively small space, and that not until after February. You will think I am wandering from my subject, but what I have said about other plants is merely to illustrate that the chrysanthemum is subservient to other crops, and is grown in houses built more with a view to the welfare of winter crops than to their own.

For a good many years the regulation rose house was built with the long span to the south, with the benches rising from the front or south bench to the north or back bench, which would be within three feet of the back slope and 6 or 7 feet from the ground. Many growers have by no means lost faith in this style of house, and on a recent visit to Madison, N. J., I went through some splendid new ranges built in this manner, and the roses were looking well. In this style of house some of the finest chrysanthemums raised in this country have been grown. I recall visiting Mr. John May some years ago, and saw on his middle and back benches of one of these houses some of the finest and most uniformly grand chrysanthemums I have ever seen. Possibly he wanted to use that house for young stock and did not use it for roses, but surely you would not build this style of house if you intended it for mums to be succeeded by azaleas, lilies, pot roses or other Easter crops. Undoubtedly these houses will grow roses, carnations, chrysanthemums or anything else that needs the fullest light, but they are expensive to build, must be detached, leaving from 20 to

25 feet of waste room between them, and are awkward and expensive to work. They get no more light than an equal span in the dark days, and in the summer months they are frightfully hot.

After seeing a good many ranges of glass built in this way during the past two or three years, I cannot help being a disciple of an entirely new style of architecture, and as imitation is the sincerest flattery, I have followed suit. These houses run east and west; except, perhaps, for roses and carnations they might be just as useful running north and south. They are from 17 to 26 feet from gutter to gutter, supported at the gutter by a 2-inch pipe or an arch of pipe and the walk beneath the gutter. One important requisite of these houses is that the gutter should be high and the benches low, particularly so if the houses run east and west, because when the gutter is high there is less shade on the benches in the next house to the north, and what shade there is is not constant, but continually moving. This is simply demonstrated by holding your outspread hand a foot from, say a dinner plate. Your hand would cast a shadow over a considerable portion of the plate, whereas, if held 6 feet from the plate, the shade would be scarcely noticeable.

I am not an advocate of the benches, whether for roses, carnations or violets, being on the solid ground, however well drained it may be, and in the cultivation of chrysanthemums it has been proven over and over again, and in this I can speak from experience, that 4 inches of soil is sufficient and will grow and produce finer flowers than a bed of 10-inch, or what may be called a solid bed, that is 5 or 6 inches of prepared soil with the natural soil beneath. In houses of this style it is necessary to have some material to separate them from Mother Earth. Boards of plank on a 2x6 scantling resting on the ground is one plan, but necessitates repairing and renewal. A 2x8 plank for an edge board with 2 or 3 inches of rubble-stone and the soil on top is another plan, and doutless will grow any of the important plants I have mentioned equally well as any material for a bottom, but when it comes to renewing the soil it is a very awkward and annoying job. One big grower, who likes the rubble-stone, says: "Well, we don't take out all the soil; we leave an inch on top of the stone and sprinkle some lime over it." Then they have an inch of exhausted soil just where the roots will be looking for the best nourishment.

In my humble opinion there is nothing for the bottom of the bed so good and so desirable as a 3-inch tile, or better still, the hollow brick used so much in our modern buildings. Those I used this summer are 5 inches wide, 4 inches thick and 13 inches long, but if they were largely used in any locality, the local tile yard would make a tile of any dimensions to suit the florist. With a brick set on edge in cement, or a cement edging of 4 or 5 inches in height and 1½ inches thick you have a bed that is practically everlasting. It must be perfect drainage. Air is passing through the tile, so that you cannot say there is dampness or coldness. I have in the past few months seen the best roses I have ever seen in my life growing on such a bed as I have described, and if they will grow roses, surely they will grow chrysanthemums.

This, then, is my ideal place for the mums. There are many advantages in having them down on the ground. If planted on a bench 3 feet from the ground, the later varieties will be away above your head before they are in flower, and the labor of tying and disbudding them will be treble what it is when they are under your eye. Think of the labor and annoyance saved, but above all think how we swear and tear and lose our temper when we discover that many new boards are needed in the bench, or that the whole bench must be renewed. I saw at Lake View Rose Gardens, Jamestown, N. Y., several houses this fall that had benches of mums planted on such beds as I have described. It was a pleasure to look at them, and in some cases down on them, instead of having to be lifted up on a bench to squint over them.

Now, you will say: "What are these beds good for when the mums are gone?" They are just the beds, with an inch or so of sand or ashes spread over the soil, or the soil removed to within an inch of the tile, and in the very best position for lilies, azaleas, hydrangeas, Rambler or hybrid perpetual roses, spiraea, rhododendrons or any other Easter stock; and although if my business were confined to small shipping stock, I should rather for convenience's sake have them on a raised bench, yet they would do just as well on these beds. I believe the days of wooden raised benches with their continual decaying are numbered. The cost of benches and keeping them in repair would not be a serious consideration if there were any decided advantage in the raised benches, but I have seen enough to convince me absolutely that there is none.

The matter of ventilation is of importance. Although the chrysanthemum withstands the great heat of our unshaded houses in July and August when the thermometer goes up to 120, which it often does inside, it must be a strain on the vitality of the plant, and therefore ample means of ventilation should be afforded to modify as much as possible the unnatural and intense heat. A house, whether detached or in a block of houses, should have continuous ventilation at the ridge. It is far better to have a 30-inch continuous than 4x4 and an interval of several feet. It is well agreed that at no time during their active growth should a chrysanthemum be shaded, or rather, I should say, have a permanent shade—the curse of many of our plants. Yet some varieties, notably the deeper colored, do bleach out under the bright suns of October and November, and some shading for them is desirable. I also believe if some moveable shade that could be easily adjusted on and off could be found, that it would be of great benefit to the plants in the hot summer months. They are frequently seen to wilt, however moist they may be at the root, and when they wilt some exhaustion has taken place.

I say in conclusion that those who have ever had under their care a bed of chrysanthemums on the ground will kick vigorously if they have to climb a step ladder to get on an even footing with Mlle. Liger.

PACKING CUT BLOOMS.

BY E. E. PIESER.

[Presented to the Chrysanthemum Society of America at the Chicago convention.]

Having for years taken special interest in the handling of cut flowers, from the receiving end to getting them to the trade in small towns and large cities in the best possible shape, causes one to try the many ways to pack the blooms. Now, we have found, except in very warm weather, ice is not wanted. We have also found that as near dry as you can get your stems before packing brings the stock through the best. We have also found that where one can get boxes long enough, packing the head of the flowers all one way with a light cleat about the center of the box, is an improvement. This we do not follow ourselves, as we have not the space to carry these large boxes and also in many cases the small buyer complains of the use of a large box, as he says express eats him up.

I would say that it is not so much the packing of flowers that the trade has to complain of, but it is more often the fault of the flowers. In chrysanthemums especially this is noticed, as the grower does not leave them on the plant long enough to have them well done, or "finished," as the term is often used, and flowers of this stage, no matter how carefully packed, would not carry ten miles. The same fault again applies when the grower goes the other way and lets them get over-ripe; the softness that shows in a chrysanthemum not yet done will spot and looks like an over-ripe apple packed in the middle of a barrel, when over-done, or left on the plant too long.

As near as I can learn from what I see in our place, as well as in others, just as soon as a grower hears that a certain thing is a bit scarce he goes home and at once starts to count how many pennies or dollars there are in sight, and goes at the cutting regardless of their completeness. This is a great mistake, for a dozen first-class chrysanthemums will bring more than ten dozen poor ones. Another thing comes before we get to the packing. Eleven No. 1 chrysanthemums and one "ringer" does not make a dozen first quality flowers. The same applies to all flowers, roses, carnations, Beauties, valley, violets, etc.

If I raised flowers to be sold on a wholesale market, or if I were a buyer on a large scale, I would furnish my own boxes and never have a box over six to seven inches deep for roses, carnations and that class of flowers. For chrysanthemums I would advise a flat box, wide enough for four to six and long enough so that they could be packed flat, with an extra light white wax tissue between each row of blooms. Never pack chrysanthemums one on top of another.

I have mentioned above that I believe all flowers should be as near dry as possible before packing; this I am sure applies to every flower except the violet, and, while it is never followed, I believe that a damp tissue on the stems and each bunch with white wax would improve them on their journey. Above all things, don't try and put all the violets you can possibly gather into one box, but stand them up and make rolls of nice clean paper between each row. A violet takes the odor of printers' ink, so I say "pass up" old newspapers for this one flower and give them enough space so as not to crush the end row either forward or back. In cold weather put heavy paper and plenty of old newspapers outside of the box to keep out frost.

Experience is the best teacher and a grower often wonders why his neighbor gets more for his flowers than he himself gets, even though they both sell

New White Chrysanthemum Estelle.

through the same broker. It is simply one of two things. The one that gets the money is the man that never cuts a flower until it is just right, never tries to push through a few seconds with a lot of fine stock, and who is liberal in his judgment in regard to the requirements of the time of year, as to the proper boxes, paper, twine and sundry items that put his flowers before the buyer in the best possible shape. That is why he gets all there is to be had, but his neighbor would not believe this, even though he stood in front of the counter when the stock was sold.

CARNATION NOTES—WEST.

Propagating.

It is not too early to begin propagating some of the slow-growing varieties of carnations and, in fact, if you want plants that will give you enough blooms, to be profitable, of these varieties, you should have them in pots by January 1. If you have some new variety of which you want all you can get next season, you can start increasing your stock now. By taking a few cuttings early you may save robbing the plants later on and your stock will be better.

Between November 1 and March 1 you ought to be able to root 100 per cent of all the carnations you put in sand, as you have during that time, everything in your favor. I have described several times what kind of a cutting you should select, how you should trim it, stick it in the stand, etc. Whenever possible take only cuttings from near the base of the flower stems, and under no circumstances should you take a shoot that has begun to run up toward making a bud, nor a cutting from a diseased plant. Selection of cuttings is one of the most important points in keeping up the quality of your stock. You can't grow a healthy plant from a weak, diseased cutting.

The whole question of successful propagating lies in the proper temperature and the proper state of moisture, and when you have these under perfect control you will have no trouble. Of course you must first learn just what is the proper temperature and the proper state of moisture, before you can be entirely successful, and when you have mastered these two points, you must add to them very careful and close attention at all times. A few hours' neglect may ruin a whole batch of cuttings. How often you should water depends upon the weather and the amount of bottom heat you have. How often you should syringe, also depends upon the weather. How much sunshine you allow them depends upon the condition of the cuttings, and so on; you must at all times be prepared to use good judgment in caring for them. The point is to keep the cuttings fresh without allowing them to get too wet. Allow a carnation cutting to wilt badly and you might as well throw it away; at the same time, if you get the sand in a soggy condition, or keep the foliage wet over night continually, it will cause what is usually termed damping off, or cutting-bench fungus. Eternal vigilance, etc.

A bench with a brick bottom is, beyond question, the best all-around cutting bench, as there is but very little chance for the sand to become soggy, and a bench built in the manner described by Mr. Osborn a week or two ago is just about an ideal bench. We do not consider it absolutely necessary, however, to have such a bench to root carnations successfully. Our bench is built of boards, same as any other bench. It should not be tight at the bottom, as the boards will swell some and there must always be a way of letting any excess water drain off. We use six-inch boards and leave about ¾-inch space between them. Dry sand will run through such a space; wet the bottom of the bench with the hose if the sand is not moist enough to hold together. We use a sharp, clean sand, because that will allow the water to drain off better than a fine sand will, and we never find our sand soggy, even after a thorough soaking. Either river, lake or bank sand will do equally well, just so it is clean and sharp.

Cuttings for Next Summer.

While we are on the subject of propagating, I want to say that this is a good time to put in some cuttings for blooming next summer, and, in fact, you should lose no time in getting them in the sand. If grown right along you can get good, strong plants, well branched, in 3½-inch pots, by planting-out time. This is a little more work than the way Mr. Scott suggested a few weeks ago, of potting up the plants you have left in the field, and keeping them in a cool house or in cold-frames over winter. Many of you have only small places and you have no house that you keep as low as 40 to 45 degrees, which would be the proper temperature. In a warmer temperature they would grow and become exhausted in the pots before spring.

Then, again, you only want certain varieties for this purpose, too, as not all varieties will give you good blooms or enough of them during the summer months. In fact there are only a few that are really fit for that purpose. There are still thousands of Mrs. Fisher grown for white in the east, and it seems to give perfect satisfaction. We grow Flora Hill in this neck of the woods and we can hardly imagine anything better. Wm. Scott used to be our stand-by for pink, but Ethel Crocker is so far ahead of it that we have discarded Scott entirely. The blooms are almost as large in summer as they are in winter and the color and form are always fine. There is very little demand for red during the summer, but if you want some you should grow Crane. Elma is also a very fine summer bloomer and its fine, large Daybreak-shade blooms make it a valuable summer carnation. The blooms come large and full.

A. F. J. Baur.

CARNATION NOTES—EAST.

General Behavior.

Lawson this year is making an excellent early showing, giving longer stems than at the same date last season. They were planted middle of July for several reasons. First, it was in the plan, also the plants were quite large and the constant rains made us fearful lest they be ruined, as stem-rot had affected a few plants. On the whole, I am convinced that Lawson should be housed early, also that it would be good policy to grow a portion under glass all summer.

Mrs. Potter Palmer was the next to come in, and perhaps we erred in housing so early, for, as previously stated in my notes, it appears late compared to Crane, which it was claimed to excel. The few blooms picked were of good size and color, except the center being inclined to lose its brilliancy. This, no doubt, will disappear as the season advances.

With Marquis we did a little experimenting, bringing in lots at different times. It seems to be a positive injury to Marquis to house it early, as the last lot to come in is far in advance of the others.

White Cloud is still our best white, the stems being 24 to 30 inches long and the flower perfection. It must be that soil has much to do with this sort, for I know growers superior to myself, who cannot do it at all well, probably on account of their soil being too open, for it needs a soil of a stiff clayey nature.

Queen Louise comes in earlier than White Cloud, and while the lower petals have a habit of dropping down around

the calyx, it is of good habit, blooms continuously and is thoroughly a variety of the bread and butter sort.

Crane, in spite of complaints about it, still holds its own. It and Estelle make a good team, Crane coming in early, continuing through the holidays and social season, Estelle getting into line about December 15, continuing on late into spring when Crane is gone.

Avondale was sent out a year ago at a low price, but has outdone many of the higher priced ones. Being a sport (from Armazindy) it showed some streaks in the flowers on several plants, but by careful selection we have a grand lot of plants this year, which have already paid their board some time in advance.

Bradt is not so much in favor as formerly, and in consequence we are letting it come along slowly in a cool house, where it will come handy after the holidays.

Morning Glory is not doing as well this year as last, but we have Enchantress in sight for the future.

Cressbrook is somewhat of a puzzle at present, but by no means given up. As stated before, it is on the improve since regular firing.

Nelson needs no further comment than as stated in a previous issue.

California Gold, sent out, I believe, by The E. G. Hill Co. I have been surprised not to hear or see any reference made to this variety during the past year. It certainly is a good bloomer, has all the other fine qualities, such as color, stem, size and form. Perhaps it takes well only in certain localities or its being variegated is against it, as with Bradt.

Purchase of New Varieties.

In buying new sorts or, in fact, cuttings of any variety, try the plan of having them come unrooted. I do not advise this as a means of obtaining them at a lower price, although this often can be done. This may seem to you a queer method, but having had some experience along this line, I will endeavor next week to give a chapter on this subject. Geo. S. Osborn.

NEW YORK.

Club Meeting.

The regular monthly meeting of the Florists' Club was held on Monday evening at Civic Hall, 128 East Twenty-eighth street, about forty members being present.

The principal subject discussed was the flower show, and the disposition to make the best of things and to cheerfully "bear one another's burdens" was certainly commendable. A full statement of expenditures, receipts and all particulars was given the club by President Sheridan, and in an able and clear address, Mr. O'Mara dwelt upon the reasons for the financial deficit, the sculpture feature, the paucity of exhibits, the committee's faithful labors and much that redounded to the credit of the club. The thanks of the club were unanimously voted the committee.

It developed that the expenses of the Sculpture Society would approximate $5,000. Votes of thanks were passed to the exhibitors and trade exhibitors, and lessons were drawn that will be of practical service in any future attempts to "offer up sacrifices" to the "artistic element" of society in this city.

Four new members were nominated, and the nominating committee reported the following names to be voted on for the important offices of the club at its next meeting: For president: W. H. Siebrecht, J. H. Troy, L. Hafner. For vice-president: F. H. Traendly, A. Langjahr. For treasurer: C. B. Weathered, S. S. Butterfield. For secretary: John Young, H. Bunyard. Executive committee: W. Sheridan, W. S. Allen, W. H. Siebrecht, H. Hentz, Jr., Theo. Lang and J. Austin Shaw.

Exhibition Notes.

Henry A. Dreer's exhibit of Pandanus Sanderi was greatly admired. This is a wonderful acquisition and will be very popular.

The Otaheite orange plants shown by Chas. Zeller & Sons were perfect specimens and deserved the medal they secured.

C. W. Ward's fine carnation exhibit was renewed daily and kept in perfect condition to the end.

John H. May displayed Mrs. Oliver Ames, and Ernst Asmus had on exhibition a grand vase of Ivory.

The "Canadian Queen" proved to be one of the most interesting of the new roses, and was greatly admired by all. Its keeping qualities are excellent. The stock will be sent out early in 1903.

Henry Eichholz, of Waynesboro, Pa., showed his new striped carnation "Tiger," some twenty varieties of ornamental grasses and a number of "freak" chrysanthemums.

J. H. Troy's Japanese plants, trees, maidens and helpers formed as attractive a feature as could be seen in the garden and deserved all the attention and appreciation they received.

The orchid exhibits of Lager & Hurrell, Julius Roehrs and Siebrecht & Son have never been equaled in any exhibition on the continent.

The immense banks of palms and other decorative plants shown by Julius Roehrs, Siebrecht & Son and Anton Schultheis were composed of the finest stock from their conservatories.

Geo. M. Stumpp exhibited a fine basket of mums most artistically arranged; W. W. Burnham, wedding bouquets; and Clark's Sons, baskets of other flowers. Otherwise the retailers of the city made no demonstration.

Lehnig & Winnefeld, of Hackensack, exhibited a fine collection of cyclamen, and Wm. Brennecke, of Hempstead, a dozen fine geraniums.

Notes.

The auction sales continue. Now, in addition to the palms, come conifers, hardy roses, hydrangeas and ornamental nursery stock. The enthusiasm has had a hard time materializing this season.

Harry Bayersdorfer, of Philadelphia, was a visitor Saturday and made a friendly call on all the wholesale and supply establishments.

Bobbink & Atkins have had a grand season, and their travelers, who were both at the New York show, report a wonderful trade in both the wholesale and retail departments. Their exhibit of topiary work was one of the novel features of the exhibition and their fine specimens of evergreens deserved the interest awakened.

F. R. Pierson is getting used to gold medals, so that the telegram from Kansas City announcing "gold medal for Piersoni," caused no excitement and was evidently expected.

Alex. J. Guttman's trade is steadily increasing since the wholesale department of his business secures all his attention. He carries a large stock of extra fine Brides and Maids.

Charles Millang finds his greenhouse venture a success from the start. Hardly a plant remains unsold from his first shipments. He bought all of Chas. Zeller's orange trees at the Madison Square exhibition and rapidly sold them out the next day.

Jas. McManus still handles a large quantity of fine orchids daily, and is adding to his growers right along. His shipments out of town are increasing.

Ghormley's establishment will have to be enlarged or the mums will have to decrease. His store is ablaze with color and after the early shipments are arranged there isn't much room left for customers.

President Walter Sheridan is back again with his "Beauties" after a strenuous week at the flower show, to which he devoted his time and effort with an assiduity and patience that every member of the club might well have emulated.

Today and Thursday the American Institute's fall show of flowers and ornamental plants takes place at the Berkeley Lyceum. The entries are numerous and the prizes large.

The John J. Crooke Co., of New York and Chicago, reports a wonderful demand for its special lines of floral foil, in rose and violet, which seems to be growing constantly in popularity.

Mr. Sander, Jr., of the English house of Sander & Co., sails Saturday for his native land, very much pleased with America.

Stumpp & Walter Co. report an October business in the aggregate, double the trade of the same month in 1901, certainly a most healthful sign.

H. H. Berger & Co. are receiving a fine lot of Araucaria excelsa seed this year from New Zealand, and as these seeds are in the market at intervals of three years only, now is an opportune time to secure them.

Japanese rubrum and auratum lilies and all the speciosum varieties will be very scarce this season.

At the Central Park greenhouses the annual exhibition of orchids and mums is in progress, and as usual crowds appreciate this splendid yearly show which is free to all. On Sunday "standing room" was at a premium.

Visitors were numerous last week. In addition to those already mentioned there were F. W. Taylor, of St. Louis, full of World's Fair news; H. P. Kelsey, Boston; H. Eichholz, Waynesboro, Pa.; S. T. Bradley, New Haven; W. J. Buckley, Garrison; W. F. Ross, Madison; Arthur Cowee, Berlin; A. Salter, Rochester; John White, Pittsfield; E. Duggan, of the Dale Estate, Brampton, Ont.; John Thatcher, Amsterdam; W. R. Smith, Washington; John Burton, Philadelphia.

Mr. M. Purdy, the wholesale florist of Twenty-ninth street, has moved across the way and now has a part of M. Hart's store.

The report that Henry Pfister, who has for so many years been head gardener at the White House Conservatories, Washington, is no longer needed in that capacity, has been heard here with general regret. J. Austin Shaw.

The Review is the best value for the money that I know of.—Chas. R. Higbee, Jr., Hyde Park, Mass.

New Pink Rose Canadian Queen.

PHILADELPHIA.

A "Friend of all the World."

A great English writer in his description of life in India gives curious pictures of the ideas and thoughts of the people. One who did good among his fellows there was styled the "friend of all the world." His world was a small one and far away, yet the name is rather taking. Has not our world of florists someone who recalls this odd name? It certainly has, and no mistake. These thoughts were uppermost in my mind last Sunday morning after spending a delightful two hours at Forty-ninth and Market streets with Robert Craig. These visits are always a pleasure, not so frequent now as I could wish, perhaps even more keenly enjoyed for that reason. It is all nonsense to say that boys must enjoy themselves while they are young; the fewer the holidays the more one enjoys them, no matter if school is long since passed.

I digress. Robert Craig leads the way to the new carnation range of three houses, two 225x30, one 225x12, lately finished in good style, Lord & Burnham's iron plates, posts and purlins, all fitted ready for use, the effect light and airy. The carnations housed three weeks ago were starting to make growth. Adonis looked especially flourishing, already showing quite a lot of blooms. This variety is considered a wonder, deserving of all praise. W. P. Craig favored me with the names of the varieties they are growing: Scarlet: Adonis in quantity, a few Estelle (Crane will not be benched). Crimson: Governor Roosevelt (Maceo has been dropped). White: Lorna, some Alba, I think he said, also two seedlings, one very free. Pink, Floriana, considered an improved Joost, though lighter, Mrs. E. A. Nelson, Dorothy and a few Joost. Yellow: Dorothy Whitney, believed to be a good thing. Fancy: Prosperity, considered decidedly profitable, even though a late bloomer and a bit shy. The plants looked vigorous and healthy. I think Mrs. Lawson and one or two more sorts not in the above list are grown, but of this I am not sure. One is struck by the extreme briefness of the life of a carnation. The leading sorts of a few years ago are almost forgotten today.

Next the chrysanthemums. The yellow Eatons just coming into bloom are extremely fine. This variety sported from the white Timothy Eaton, and unlike most yellow sports, the color is almost an orange, reminding one of an old variety, W. H. Lincoln, in the intensity of its depth of color. In size, vigor, foliage and habits the yellow Eaton seems an ideal variety. Columbia, a beautiful globular flower of a pleasing shade of light pink, is an attractive novelty. Mr. Craig thinks that chrysanthemum growers should study the best paying varieties more closely and confine their efforts to these. Too many early sorts are grown and often sacrificed. Late varieties are apt to be far more profitable.

There are three large houses filled with Areca lutescens in fine condition, one house of 6, 7 and 8-inch plants being especially well furnished with glossy, green foliage. The large sizes of palms are scarce now. Mr. Craig thinks that the smaller sizes are, and probably always will be quite plentiful. Crotons are a specialty here and have sold well this season. One pretty variety, Croton Craigie, golden yellow foliage marked with green, was pointed out and admired. It originated with John A. Shellem and has not been sent out yet. There were several houses of azaleas, freshly imported, in good condition, no loss of foliage to mar their beauty.

Flowering plants are Mr. Craig's special pride and glory. A house of 1,500 cyclamens is worth seeing. Many of them are in full flower at this early day, with lots of buds coming on. The types that throw up their spikes all at once, not straggling into bloom, are especially prized.

Begonia Gloire de Lorraine is the other flowering gem; it looks even better than last season. A number of pans are made up with little Asparagus plumosus plants around the edge, a very pretty combination. A promising lot of small plants are coming on for center pieces and ferneries. There is a nicely colored batch of Dracæna terminalis in another house. There are also batches of Dracæna Lindeni and Dracæna Massangeana. The latter are more robust and to me a more pleasing variety than the former.

The Flower Market.

Through the courtesy of Secretary Lonsdale I am able to give the names of the firms which sent beautiful floral offerings to the opening of the market with their good wishes for the success of the enterprise. They were: Charles Fox, Hugh Graham, Robert Crawford, Jr., Julius Wolff, Jr., Century Flower Shop, Mrs. Mary Heron, Jos. Kift & Son, H. H. Battles, C. H. Fox, Chas. Schick & Son, Herman Schoenfeld, August Lutz, B. Stahl. Business at the market is progressing satisfactorily. Stuff is selling well. New growers who have until now been peddling their stock are coming in and the demand for stalls is increasing steadily.

Notes.

Joseph Heacock has an exceptionally well grown lot of palms of marketable sizes.

The directors of the American Rose Society are here this week attending the chrysanthemum show and arranging a schedule for the rose show to be held in this city next March in connection with the spring show of the Pennsylvania Horticultural Society.

James W. Paul, Jr., has done much to further the interests of the Pennsylvania Horticultural Society in its work.

John Burton is sending in the first Cypripedium insigne to this market.

Walter Yates, a son of Thaddeus N. Yates, and a graduate of Yale College, is a new member of our bowling team and an enthusiastic and promising bowler.

Edward Reid has added a large basement under his entire store, doubling his storage capacity and giving much needed room for the increased shipments of choice stock now coming in. A new consignor has been sending in some very fine Perles.

Miss Katherine Cleary, of the Plender Co., was married last Wednesday, November 12, to Robert Glass, who is with Leo Niessen.

A correction: Last week's report of the flower market party should have read "H. T. Dumont, and A. G. Campbell, who is with Leo Niessen, sang delightfully."

Eugene Bernheimer has received some very heavy orders for chrysanthemums during this week, one order being for 500 choice blooms.

The market is improving. Stock is too plentiful, but enormous quantities are moved at fair prices. Much poor stock and some of fine quality goes to the street at ridiculous prices. Beauties are scarce and find ready sale.

Pennock has quantities of choice orchids.

Niessen, Reid and Bernheimer are receiving sweet peas, and chrysanthemums go fairly well.

W. J. Baker is receiving some fine Silver Wedding and Appleton from George Carpenter.

The Germantown Horticultural Society held its November meeting on Monday evening.

Manager Meehan says that the choice of the stalls in the Flower Market will be sold at auction on Saturday, November 15, at 10 a. m. PHIL.

BOSTON.

The Market.

It has been a heavy week to carry—all around. Chrysanthemums, of course, continue to be "the thing." They have been coming in extra good and extra fast. But the demand for them has well equalled the supply. An enormous quantity has been distributed and prices have been good enough so that mum men should keep mum indeed. So far as my observation goes, they are all content with the situation.

The rose growers have a thorn or two in the side. There is really not a heavy cut just now, but the demand does not equal it in volume; retailers cannot sell them and all are anxiously awaiting the decrease of the chrysanthemum moon, expected to begin after another week.

Carnations! Whew!! The woods have been full of them, especially the white ones, but they have not yet got their winter qualities on in most cases, so that but comparatively few are first-class, and this kind has sold well. The less said about a large quantity of the poorer grades the sooner they will be forgotten.

Violets have not been one whit too familiar, but I think all real demands have been cared for, thanks to the diplomacy of the florist in hypnotically suggesting something else; and there has been considerable "inter-repurchasing" going on among the retailers to make the supply go as far as possible. Retailers accommodate each other that way much more than formerly, an item to credit to the social side of the Co-operative market, in bringing all hands together on one floor under free and easy conditions.

Odds and ends are not plentiful. Orchids are not grown in this section to any extent. There is a little bouvardia, a little candy-tuft, narcissus, etc., but we are really now between "grass and glass," with the former badly frost-bitten and the latter undeveloped.

Boston News.

There have occurred a couple of "annual events" from which I could have derived a column or two had not the multitudinous perplexities of the week prevented my attendance in each case. The chrysanthemum show at Horticultural Hall occupied about all the week, with varying reports from visitors, from which I infer that the flower display was about of the old pattern, and that the display of fruit and vegetables was never equalled by the society. The list of awards, as here appended, contains a gratifying number of names of commercial growers:

Gratuities were awarded to the following: Lager & Hurrell, Summit, N. J., display of orchids. L. H. Foster, Dorchester, Mass., display of Nephrolepis Anna Foster. F. R. Pierson Co., Tarrytown, N. Y., display of Nephrolepis Piersoni. R. J. Farquhar & Co., Boston, Mass., display of palms, bay trees, etc. E. N. Peirce & Sons, Waltham, Mass., for four vases chrysanthemums. Patten & Co., Tewksbury, Mass., for twelve vases assorted carnations. S. J. Reuter Westerly, R. I., two vases carnations. H. A. Stevens & Co., Somerville, Mass., vase of Gov. Wolcott. E. G. Asmus, West Hoboken, N. J., for vase of Twentieth Century rose, and to The H. Dale Estate, Brampton, Ont., honorable mention for the new rose, Canadian Queen.

The annual exhibition of roses and chrysanthemums at the Waban Rose conservatories also was pulled off in its usual form. Those fortunate enough to go report a very pleasant outing, the usual fine display at the magnificent greenhouses and a gorgeous time at the banquet at the famous historical old hostelry, Bailey's Hotel, Wellesley. Among the visitors from other states were W. R. Smith, of the Washington, D. C., Botanical Gardens, and W. F. Gude, of Gude Bros., leading retail florists of that city. As after dinner speakers I hear most said of Warren Ewell and Rhymester Butterworth, although many others participated.

J. S. MANTER.

ST. LOUIS.

The Market.

Business for the past week was reported fairly good by some of the uptown florists, who had several large weddings; while the downtown florists, who had to content themselves with transient trade and funeral work, report that business was slow.

The event of the week was the horse show, which helped the florists a great deal in the sale of some of their surplus flowers. Large mums, American Beauties and violets were the flowers mostly carried by the ladies at the show. Notwithstanding this demand for first-class stock, the cut flower market has been dull, particularly so from the growers' standpoint, for the abundance of chrysanthemums has forced prices on everything else down to the lowest limit. Chrysanthemums have been selling cheaper than ever before. The local supply is still made up of the earlier sorts. Kuehn is receiving from Vesey's about the best that come to this market.

At this writing the glut in roses and carnations is not so great, and Saturday good roses were actually scarce, also carnations. This was something unusual and, of course, prices on roses and carnations went up a little. California violets are still coming in in large quantities; in fact, more than the demand calls for. Cosmos are out of the market just now. Plenty of very fine quality of valley is in the market at the usual price, and enough good smilax is on hand to supply the demand.

Notes.

The Prince of Siam was showered with American Beauties on his arrival at the Union Station on last Saturday.

Mr. William Trillow, of Chicago, is in town this week, calling on the trade.

Elmer D. Smith, of Adrian, Mich., passed through here Saturday on his way home from the Kansas City show. Elmer was all praises for the management of the show and was in a very happy mood, having captured all the good things in mums.

Frank M. Ellis returned from Kansas City Sunday morning. He says: "It was the biggest thing I ever saw, and a pleasant place to meet friends."

Henry Aul is using one of Max Herzog's smoke consumers and self-feeders at his place, which he claims is just the thing and will save much coal the coming winter. His new white carnation, St. Louis, is doing nicely, and some fine blooms of it are seen at Kuehn's every day.

Mr. and Mrs. Fred C. Weber celebrated the twenty-fifth anniversary of their wedding at their home, 4326 Olive street, last Friday evening, entertaining their friends with a euchre party. Many handsome presents of silver were received by Mr. and Mrs. Weber. The house was beautifully decorated with pink carnations, chrysanthemums and palms. Mr. and Mrs. J. J. Beneke were the only ones present at the anniversary who had the pleasure of attending the wedding twenty-five years before.

Invitations are out for the thirteenth annual banquet to gardeners, florists and nurserymen to be held at the Mercantile Club on Wednesday, November 19, at 7 p. m.

On Tuesday night a party of fifteen St. Louis florists left for Chicago to attend the flower show given at that place. Those who went are: F. M. Ellis, C. A. Kuehn, Otto Koenig, Fred Ammann, Theo. Miller, Fred C. Weber, John Steidle, A. Jablonsky, Fred Meinhardt, wife and sister; Carl Beyer, Carew Sanders, J. F. Windt, Jr., and J. J. Beneke. They will visit all the large plants adjacent to that city, also those in Joliet.

Miss Belle Miller, of Springfield, Ill., is in town this week calling on friends.

Club Meeting Postponed.

As most of the members of the Florists' Club are visiting Chicago this week, the club meeting has been postponed until next Thursday afternoon, November 20.

Bowling.

The florist bowlers who are bowling in the league are doing quite well and making good averages. I will give the bowling readers in the next issue the averages of the fifteen games bowled. The Florists' Bowling Club still rolls every Monday night at the Monarch alleys and some good scores are reported. The regulars are always in attendance.

J. J. B.

THE "Pacific Florist," with sub title "Orchard and Garden Magazine," is a new publication issued monthly at San Francisco with H. H. Lilienthal as editor and manager. There ought to be a place for a paper of this sort on the Pacific coast.

YOU can save both time and money by consulting our classified advs. when in need of plants or trade supplies.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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Seed Trade News.

A PHILADELPHIA seedsman recently disposed of a lot of White Spine cucumber to the trade for $1.50 per pound, spot cash.

THE bulb business has recently shown a decided improvement, the finer varieties of narcissus, tulips and named hyacinths being well cleaned up.

LATE European advices are to the effect that many items will be shorter than the August bulletins indicated, notably beet and celery. California growers report that many surpluses are being cleaned up at prices much higher than the contract.

THE 1902 crop of New Jersey seeds is cleaning up less than one-half the usual yield, muskmelon, cucumber and tomato being a total failure. Onion seed is about one-half a crop. Egg plant and pepper is likewise short, and the sample of many lots will be poor. Fully two-thirds of the onion seed sown for sets produced large onions and the long continued spell of wet weather has already shown its bad effect on the few sets harvested. Both dwarf and pole beans sold well throughout the season and no seed of these has been saved. Same is true of sweet corn.

YOU WOULD find a copy of the Florists' Manual, by William Scott, the greatest money saver you can add to your equipment.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED— As gardener, single; 2 years 2 months in last situation as foreman of private place and 4 years experience in florist's establishment in England. 8 years' experience under glass, good references. Address Newton, Winnipeg, Manitoba.

SITUATION WANTED—By a competent seedsman of 35 years' experience in this country, conversant with catalogue, road, or in fact any kind of work required of a first-class seedsman. Can furnish the best of reference. Address B. F., care of Florists' Review.

WANTED—A working foreman to take charge of 30,000 sq. ft. of glass; must be honest sober and industrious; state wages expected; references. Address Seeker, care Florists' Review.

WANTED—Plantsmen, good potters and men for general greenhouse work; good wages; steady work. Memphis Floral Co., 391 Main St., Memphis, Tenn.

SITUATION WANTED—As foreman or head in good establishment (private preferred); thorough experience in fruit, plants and house and table decorations. C., care of Florists' Review.

WANTED—A responsible florist. Young man preferred, married or single. Position offers an opportunity for a partnership in a well established local and shipping trade. Address "Acrobat," care of Florists' Review.

WANTED—Young man for new retail florist store; one with some experience. Answer by mail only, with reference. Ogden Floral Co., 548 Harrison St., Chicago.

SITUATION WANTED—By a thoroughly experienced florist and gardener on private estate or commercial business; good grower of cut flowers and general stock; well acquainted with out-of-door work; 7 years in one place; references; married, no family; age 31; to be engaged now or later; central or western states preferred. Address M. M., Florists' Review.

SITUATION WANTED—By a good all-around florist. Not afraid of hard work; experienced in roses, chrysanthemums, carnations, palms, etc. Can come well recommended; age 26; Swiss. Address Fred Kuhn, Evergreen Lodge Flower Garden, Clarksville, Tennessee.

FOR RENT—Lots S. W. corner 71st and Indiana Avenue, on electric line to cemeteries. Good for florists. L. B. 690, Peru, Ill.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; also pipe for posts or supports; very cheap. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—On a private place in city or suburbs, by a competent grower of exhibition plants, an all around man. Address Grower, 108 35th street, City.

WANTED—A young man for general greenhouse work; must have some experience. M. I. O'Brien, Sharon, Pa.

FOR SALE—Flower store with 8000 feet of glass; retail stand; best location. Apply to Wm. Kalisch & Sons, St. Louis, Mo.

FOR SALE—At a bargain, three greenhouses, as follows: one 18x60 ft., one 12x60 ft., one 11x60 ft.; also twenty-four sash 3x6 ft., located in eastern Indiana. Price and particulars on application. Address T, care Florists' Review.

WANTED—A young man who has a good experience in general greenhouse work as assistant. Must be sober, honest and industrious. Must be well recommended by last employer. State wages expected without board. Address D. F. C., care Florists' Review.

FOR SALE—Greenhouse sites near Wilmington, Del. Wills Passmore, Surveyor, Brandywine, Del.

WANTED—A rapid and successful propagator of carnations. Address J. J., care Florists' Review.

FOR SALE—Horizontal tubular boiler (25 H.P.), complete in every way and in good order. Address Samuel Van Bochove, Kalamazoo, Mich.

BARGAIN—If you are looking for a genuine bargain in a first-class greenhouse proposition, write at once for particulars to K., care Florists' Review.

FOR SALE—Horizontal tubular boiler 48x15 with plu hat dome and with thirty-nine 3½-inch flues; very suitable for heating bothouses. Apply to Wisconsin Box Co., Wausau, Wis.

FOR SALE—Two greenhouses, one 34x100 and one 10x100; long lease; or will take a man who understands his business and has $1,000 or $1,500 as partner. Good retail trade. Address S. S., care Florists' Review.

WANTED—Address of Arthur L Hilton, formerly of Setauket, N. Y. Address P. H. A. care Florists' Review.

FOR SALE.

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4248 Olive Street, ST. LOUIS, MO.

Mention The Review when you write.

WANTED. Cactus Collector's Address.

Send Address to Cactus, care Florists' Review.

PARTNER WANTED—

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Consignments of first-class flowers always realize with us the best market prices.

Eat to the fill of your "Thanksgiving" Turkey,
Drink, if you please, sweet cider by the gallon,
But through it all, write this upon the wall,
"The best flowers always come from
J. K. Allen!"

Mention The Review when you write.

GEO. SALTFORD,

Author of "HOW TO MAKE MONEY GROWING VIOLETS."

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J. A. MILLANG, Manager.

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Call in and "LOOK US OVER," anyway!

Mention The Review when you write.

Wholesale Cut Flower Prices.

New York, November 12.

	Per 100
Beauties, Specials	$15.00 to $30.00
" Fancies	10.00 to 15.00
" Extras	6.00 to 10.00
" No. 1	4.00 to 6.00
" No. 2	1.00 to 3.00
Queen of Edgely, Specials	15.00 to 25.00
" " Fancies	8.00 to 15.00
" " Extras	6.00 to 8.00
" " No. 1	1.00 to 4.00
Brides and Maids, Specials	4.00 to 8.00
" " Extra	2.00 to 5.00
" " No. 1	1.50 to 2.00
" " No. 2	.50 to 1.00
Carnot	2.00 to 10.00
Cusin	1.00 to 4.00
Kaiserin	4.00 to 8.00
Golden Gates	1.00 to 5.00
Liberty	2.00 to 8.00
Meteors	1.00 to 5.00
Perles	1.00 to 3.00
Cattleyas	15.00 to 40.00
Cypripediums	10.00 to 15.00
Dendrobium formosum	15.00 to 25.00
Carnations, Commons	.25 to .50
" Selects, white	.50 to 1.00
" " pink	.50 to 1.00
" " red	.50 to 1.00
" Fancies	1.00 to 2.00
" Novelties	2.00 to 5.00
Adiantum cuneatum	.50
" Farleyense	6.00
Asparagus plumosus, Striugs	25.00 to 35.00
Plumosus Sprays, $2.00 a doz. bunches.	
Sprengeri Sprays, 2.00 "	
Chrysanthemums, Ordinary	2.00 to 4.00
" " Fancy	8.00 to 20.00
Harrisii lilies	8.00 to 10.00
Valley	1.50 to 2.50
Violets, Ordinary	.25 to .50
" Extra	.50 to .75
" Specials	.75 to 1.00
Smilax, First Grade	10.00 to 12.00
" Second Grade	6.00 to 10.00
Mignonette, Ordinary	3.00
Dahlias	1.00 to 3.00
Galax, per 1000, $1.00.	

Another week of low prices, a flood of chrysanthemums, and no appreciation in business. A chilly wave put a little snap in the market on Saturday, but Monday's weather was much like that of midsummer. Saturday's shipments of mums were the largest ever known in this market. Monday a few special Beauties sold at $4 a dozen and Brides and Maids of extra fine quality and in limited quantity reached $10 per 100. Carnations are not so plentiful and an advance is looked for before the end of the week. Violets occasionally command $1.00, but they must be exceptionally fine to do so; 25 to 50 cents is the average. Some extra large mums reached $3.00 a dozen but the great mass of those flowers are a positive drug in the market. With the opening of the horse show and society's return to the city, better conditions are anticipated.

WACO, TEX.—The Texas State Floral Society will hold its annual chrysanthemum show here Nov. 12 to 15.

CARLISLE, PA.—The new greenhouses being erected by the Carlisle Nursery Co. cover a space of 26,000 square feet.

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Special American Beauties,
Surpassing Carnations,
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FERNS, Fancy, 1.50 per 1000.
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THE ONLY FIRM HAVING WHOLESALE ESTABLISHMENTS IN BOTH CITIES.

The "good old Summer" time is past, the "sweet THANKSGIVING TIME" has come,
Suppose you read, when you go home after your sumptuous repast—"TALE OF TWO CITIES,"
And remember, from January to December, in BOTH THESE CITIES you will find us hustling!
We'll do our best to "keep the leaves a rustling."

Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, November 12.

	Per 100
Beauties, Specials	$25.00
" Extra	20.00
" No. 1	15.00
" Shorts	6.00 to 10.00
Queen of Edgely, same as Beauties.	
Brides and Maids, Specials	8.00
" " Extra	4.00 to 6.00
" " No. 1	2.00 to 4.00
" " No. 2	1.00 to 2.00
Carnots	2.00 to 8.00
Golden Gates	2.00 to 6.00
Kaiserins	1.00 to 6.00
Liberty	2.00 to 8.00
Meteors	2.00 to 8.00
Morgans	1.00 to 8.00
Carnations, Commons	.50 to 1.00
" Selects	1.00 to 3.00
" Fancies	2.00 to 5.00
Callas	10.00
Longiflorum lilies	10.00
Valley	3.00 to 5.00
Narcissus	3.00
Pansies	.75 to .50
Smilax	8.00 to 12.50
Adiantum cuneatum	.50 to 1.00
Asparagus plumosus, Strings	25.00 to 50.00
" " Sprays	.50 to 1.00
" Sprengeri, Sprays	.50 to 1.00
Violets,	.50 to 1.00
Galax	.15
Common Ferns	.10
Mignonette	1.00
Chrysanthemums, Ordinary	2.00 to 6.00
" " Fancy	8.00 to 30.00

Buffalo, November 12.

	Per 100
Beauties, Specials	$30.00
" Extra	20.00
" No. 1	15.00
" Shorts	$ 6.00 to 8.00
Brides and Maids, Extra	7.00
" " No. 1	5.00
" " No. 2	3.00 to 4.00
Carnots	4.00
Cusins	4.00
Golden Gates	4.00
Kaiserins	4.00 to 8.00
Liberty	3.00 to 5.00
Meteors	3.00 to 6.00
Perles	3.00 to 5.00
Sunrise	4.00
Cattleyas	35.00
Carnations, Selects	1.00 to 1.50
" Fancies	1.50 to 2.00
Adiantum cuneatum	.75 to 1.50
" Farleyense	8.00 to 10.00
Asparagus plumosus, Strings	50.00
" " Sprays	1.00 to 2.00
Asparagus Sprengeri, Sprays	1.00 to 2.00
Callas	10.00
Chrysanthemums, ordinary	4.00 to 8.00
" fancy	10.00 to 25.00
Mignonette	1.50 to 2.00
Valley	3.00 to 4.00
Smilax	10.00 to 15.00
Violets, ordinary	.50
" extra	1.00
Galax, per 1000, $1.00 to $1.50	
Common ferns, per 1000, $1.00 to $1.50	

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of the

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THE STORRS & HARRISON CO., Box I Painesville, Ohio.

Wholesale Cut Flower Prices.

Baltimore, November 12.

	Per 100
Beauties No. 1	$15.00 to 20.00
" Shorts	5.00 to 10.00
Golden Gate	3.00 to 4.00
Brides and Maids	3.00 to 4.00
Liberty	3.00 to 4.00
Meteors	3.00 to 4.00
Perles	2.00 to 4.00
Carnations, Commons	.60 to .75
" Selects	1.00 to 1.50
Chrysanthemums, Ordinary	3.00 to 8.00
" Fancy	10.00 to 20.00
Adiantum cuneatum	1.00
Asparagus plumosus, strings	25.00 to 75.00
Callas	8.00 to 10.00
Smilax	8.00 to 20.00
Violets	.40 to .50
Valley	3.00 to 4.00
Mignonette, Ordinary	1.00

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15 to 17 centimeters, large bulbs, White, Pink, Blue, Red, and Blush White,

Per 100, $2.25; per 1000, $20.00.

SINGLE NAMED DUTCH HYACINTHS, $3.50 per 100; $30.00 per 1000,

Comprising 40 standard varieties of exceptional quality, large size and true to name and color. These are unusual value but colors will be sent out in equal proportions.

NARCISSUS—Double Von Sion, selected, extra large (double nosed)		$1.00	$10 00
" Double Von Sion, splendid large bulbs		1.15	10 00
" Double Incomparable yellow		.50	4.50
" Alba Plena (white)		.50	4 50
" Paper White Grandiflora, 13 centimeters and over. (1000 to case)		.80	7.50
TULIPS—La Reine, fine forcer		.60	5.50
" Belle Alliance, fine bulbs		1.25	11.00
" Keizerskroon, extra large bulbs		.90	8.00
" Pottebakker Scarlet		1.10	10.00
" Double La Candeur		.75	7.00

JOHNSON & STOKES, - - 217 and 219 Market St., PHILADELPHIA, PA.

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FANCY or DAGGER FERNS, 75c per 1000. Discount on large orders. Galax Bronze or Green, $1.00 per 1000. Princess Pine, $1 00 per 100 lbs. Laurel Festooning, 4c, 5c and 6c per yard. Princess Pine Festooning all grades. Pine Wreaths and Laurel Wreaths, all grades, for Christmas. Be sure and send your orders in early and you will get the best to be had.

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Wholesale Cut Flower Prices.

Philadelphia, November 12.

	Per doz.	
Beauties, Specials	$3.50 to	4.00
" Extra	2 50 to	3.00
" No. 1	1.50 to	2.00
" Shorts	.75 to	1.25
Queen of Edgely	1.00 to	4 00
	Per 100	
Brides and Maids, Extra	$5.00 to	$6.00
" " No. 1		4.00
" " No. 2	1.50 to	2.00
Meteors	2.00 to	5 00
Sunrise	4 00 to	6 00
Golden Gate	2.00 to	6.00
Kaiserins	2.00 to	8 00
Liberty, firsts	10.00 to	15.00
" seconds	3.00 to	8.00
Perles	2.00 to	6.00
Ivory	4.00 to	6.00
Cattleyas		40.00
Carnations, Commons	.75 to	1.00
" Selects	1.50 to	2.00
Adiantum cuneatum		1.00
Valley	2 00 to	5.00
Asparagus plumosus, Strings	35.00 to	50.00
" " Sprays	1 00 to	2.50
Asparagus Sprengeri, Sprays	1.00 to	2.00
Bouvardia	1.50 to	2 00
Callas	8.00 to	10.00
Chrysanthemums, Ordinary	3.00 to	5.00
" Fancy	8.00 to	20.00
Mignonette, Ordinary	1.00 to	1.50
" Fancy	2.00 to	3.00
Smilax	12.50 to	15.00
Violets, Double	.50 to	1.00
" Single	.25 to	.30
Sweet peas		1.00
Pansies		1.00

Pittsburg, November 12.

	Per 100	
Beauties, Specials	$25.00 to	30.00
" Extra	20.00 to	25.00
" No. 1	15.00 to	20.00
" Shorts	5.00 to	8.00
Brides and Maids, Specials		8.00
" " Extra		6.00
" " No. 1	2 00 to	4.00
Cusin	3.00 to	5.00
Kaiserins	2.00 to	8.00
Liberty	2.00 to	8.00
Carnations, Commons	1.00 to	1.50
" Selects	1.50 to	2.00
Adiantum cuneatum	.75 to	1.00
Asparagus plumosus, Strings		50.00
Chrysanthemums, Ordinary	4.00 to	6.00
" Fancy	8.00 to	20.00
Violets	.50 to	1.00
Valley		4.00
Smilax	10.00 to	15.00
Galax		.15
Common ferns		.20
Leucothoe		1.00

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Rooted Cuttings, $2.25 per 100. Good named kinds. Prepaid. Write

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In the following items it is evident that we can serve you better than those handling general lines of all kinds of stock.

OUR SPECIALTIES

AMERICAN BEAUTIES We have planted 50,000 plants in new houses built especially to grow Beauties.

Brides, Bridesmaids, Liberty, Meteors, Perles, Kaiserin, Marquise Litta, Carnots, 100,000 plants and they are fine. We have disbudded them right along and shall have an extra choice lot of flowers.

Fancy Carnations Mrs. Lawson, Prosperity, Lorna, Norway, Marquis, Morning Glory, Crane, America, White Cloud, Gold Nugget, Joost and Hill, 90,000 plants. This is the finest stock of all fancies in this country.

Easter Lilies, 30,000 extra select fine cold-storage bulbs. We shall have Lilies by November 1st and then steadily on till June.

Greens. We have 12,000 Asparagus Plumosus, 6000 Sprengeri, 12,000 Smilax and three houses of Maiden hair Ferns.

BUY YOUR FLOWERS direct from the grower and thereby get better and fresher stock and save the rehandling charges of the middlemen.

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THE NEW NEPHROLEPIS
"ANNA FOSTER"

A SPORT FROM THE BOSTON FERN.

Sales to date far beyond expectations. A "Winner" from the day of its introduction. Wonderfully prolific, hardy, graceful, unique. Nothing just like it in the fern family. Handsomer than the Boston. A perfect house plant. Everybody is buying it. Its price is reasonable.

For Rapid Growth, Fine Foliage and Novel Development of Fronds it has no superior.

Discovered by Mr. Foster a little over a year ago.

Prices: Only $25.00 a 100; 50 at 100 rate. 3 to 4 fronds. Orders filled as rapidly as possible and in rotation.

Fine Plants for Retail Florists now ready; 5-inch, $1.00; 6-inch, $1.50. Supply limited.

Cut from bench, fine plants, at $50, $75 and $100 per 100.

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Large Shade Trees!

Ash, Norway and Silver Maples, 3 to 6 inches in diameter.

PRICES QUOTED ON APPLICATION.

Large Blocks of Shrubs and Vines in good varieties.

THE ELIZABETH NURSERY CO., Elizabeth, N. J.

Wholesale Cut Flower Prices.

Chicago, November 12.

	Per doz.
Beauties, 36 to 40-inch stems	$3.00 to 4 00
" 30-inch stems	2.50
" 24 "	2.00
" 20 "	1.50
" 15 "	1.25
" 12 "	1.00
" 8 to 10-inch stems	.75
" Shorts	.50
	Per 100.
Bridesmaids, Specials	5.00 to 6.00
" Firsts	4.00
" Seconds	3 00
" Culls	1.00 to 2.00
Brides, Specials	5.00 to 6.00
" Firsts	4.00
" Seconds	3.00
" Culls	1.00 to 2.00
Perles, Firsts	4.00 to 5.00
" Seconds	2.00 to 3.00
Liberty, Specials	10.00 to 16.00
" Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Golden Gate, Firsts	6 00
" Seconds	3.00 to 4.00
Meteor, Firsts	3.00 to 6.00
" Seconds	2.00
La France	8.00 to 10 00
Mme. Chatenay, Firsts	8 00
" Seconds	4.00 to 6.00
Sunrise	4.00 to 8 00
Ivory, Firsts	10.00
" Seconds	4.00 to 6.00
Carnations, Selects	2.50 to 3.00
" Commons	1 50 to 2.00
" Culls	.50 to 1.00
Valley	3 00 to 5 00
" seconds	1.50 to 2.00
Roman hyacinths	4.00
Violets, extra	1.00 to 1.25
" common	.40 to .75
Harrisii lilies	12.00 to 16 00
Chrysanthemums, Fancy	16.00 to 25 00
" Ordinary	5.00 to 12 00
Smilax	8.00 to 12.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" Sprays	1.00 to 2.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

There was a suggestion of winter in the air on Monday, and the promised cold wave seemed at hand, but it didn't last long, and on Tuesday there was rain instead of the anticipated snow.

The cut has shortened slightly and the demand has improved somewhat, so prices on the best grades are somewhat better held, but there is still a large surplus of poor grade stock that moves slowly at bottom prices. A smart cold snap is needed to stiffen up the market as well as the general quality of the stock. The opening of the flower show has had no appreciable effect on the market as yet.

Milwaukee, November 12.

	Per 100
Beauties, Specials	$20.00 to $25.00
" Extra	15.00 to 20.00
" No. 1	10.00 to 12.50
" Shorts	6.00 to 8.00
Brides and Maids, Specials	6.00
" " Extra	4.00
" " No. 1	3.00
" " No. 2	2 00
Golden Gates	4.00 to 6.00
Kaiserins	4.00 to 6.00
Liberty	4.00 to 8 00
Meteors	4 00 to 6.00
Perles	3.00 to 5.00
Carnations, Commons	1.00
" Fancies	1.50 to 2 .00
Adiantum Cuneatum	1 00
Asparagus plumosus, Strings	60 00
" Sprays	2.00 to 4.00
" Sprengeri, Sprays	2.00 to 4.00
Daisies	.50
Callas	12.50
Chrysanthemums, Ordinary	4 00 to 6.00
" Fancy	12.50 to 20 00
Violets	.50 to .75
Smilax	15 00
Galax	.20
Common ferns	.20

There is plenty of stock in all lines except roses. Mums are coming in in large quantities and inferior stock goes at low figures. Carnations are improving in quality and demand is good.

THE FLORISTS' REVIEW, as long as you live, I will never depart from you.—J. NEUVANDER, Lake Charles, La.

BOONE, IA.—John Loehrer, the florist, will open a store in the basement of the present postoffice building on Story street.

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THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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Wholesale Florist
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Write for special quotations on large orders.
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Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

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Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
Mention The Review when you write.

JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
51 Wabash Avenue, - - CHICAGO.
GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598.
Mention The Review when you write.

Best Wild Smilax, $2.00 per 50 lb. case; A No. 1 Berried Holly, $2.00 per 80-lb. case, $2 50 per 100-lb. case. Magnolia Sprays, $5.00 per cwt.
All cream of the deep-tangled Wildwood.
SOUTHERN WILDWOOD CO.
Garland, Alabama.
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WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

FRANK GARLAND,
Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
55-57 Wabash Avenue, CHICAGO, ILL.
Telephone Central 3284.
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BENTHEY & CO.
35 Randolph Street, CHICAGO.
F. F. BENTHEY, Manager. Wholesale and Commission FLORISTS
Consignments Solicited.
Mention The Review when you write.

EVERYTHING.... FOR THANKSGIVING

Write us for special list on Cut Flowers, Novelties, Supplies, etc.

McKellar & Winterson

45-47-49 Wabash Avenue, CHICAGO.

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

Let us figure with you for fancy Ferns the year round. Everything in season.
26 MIAMI AVENUE, Detroit, Mich.

Headquarters for Michigan's Famous **MT. CLEMENS VIOLETS.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, November 12.

	Per doz.
Beauties, Specials	$3.00 to $3.50
" Extra	2.00 to 2.50
" No. 1	1.50 to 2.00
" Shorts	.60 to 1.00
	Per 100
Brides and Maids, Specials	$3.00 to $5.00
" " Extra	2.50 to 3.00
" " No. 1	1.50 to 2.50
" " No. 2	.75 to 1.50
Carnots	2.00 to 5.00
Golden Gates	1.50 to 4.00
Kaiserin	2.00 to 3.00
Liberty	2.00 to 6.00
Meteor	1.00 to 4.00
Perle	1.50 to 4.00
Sunrise	1.00 to 3.00
Carnations, Common	1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 3.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" " Sprays	1.50
" Sprengeri, Sprays	1.50
Chrysanthemums, ordinary	4.00 to 8.00
" fancy	10.00 to 25.00
Valley	3.00 to 4.00
Callas	8.00 to 10.00
Smilax	12.50 to 15.00
Tuberoses	3.00 to 4.00
Violets	.25 to .35
Galax	.15
Common Ferns	.15

Cincinnati, November 12.

	Per 100
Beauties, Extra	$20.00 to $25.00
" No. 1	10.00 to 15.00
" Shorts	1.00 to 6.00
Brides and Maids, Extra	1.00 to 5.00
" " No. 1	2.00 to 3.00
" " No. 2	1.00
Golden Gates	2.00 to 5.00
Liberty	2.00 to 5.00
Meteor	2.00 to 4.00
Perle	2.00 to 3.00
Carnations, Commons	.75 to 1.50
" Fancies	2.00 to 3.00
Cattleyas	50.00 to 60.00
Bouvardia	2.00 to 3.00
Roman Hyacinths	3.00 to 4.00
Narcissus	4.00
Adiantum cuneatum	.75 to 1.00
Asparagus plumosus	50.00
Asparagus Sprengeri	25.00 to 35.00
Valley	4.00
Chrysanthemums, Ordinary	4.00 to 10.00
" " Fancy	12.50 to 25.00
Violets, Ordinary	.25 to .75
Smilax	12.50 to 15.00
Galax, per 1000, $1.00	.15
Leucothoe	.50
Common Ferns	.15

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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HOLTON & HUNKEL CO.

WHOLESALE FLORISTS.

MILWAUKEE, - WIS.

Mention The Review when you write.

The Finest Cut VALLEY

No better to be had, at $5.00 per 100.

Medium grades also.

AUGUST JURGENS,

134 to 144 Herndon St., CHICAGO.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Detroit, November 12.

	Per 100
Beauties, Specials	$30.00
" Extra	25.00
" No. 1	15.00 to 20.00
" Shorts	5.00
Brides and Maids, Specials	6.00
" " Extra	4.00
" " No. 1	3.00
Golden Gates	3.00 to 5.00
Kaiserins	3.00 to 8.00
Meteors	3.00 to 6.00
Perles	3.00 to 6.00
Carnations, Commons	1.00 to 1.50
" Selects	2.00 to 3.00
" Short whites	.50 to .75
Adiantum cuneatum	1.00 to 1.50
Asparagus plumosus, Strings	50.00 to 75.00
Asparagus Sprengeri, Sprays	5.00 to 15.00
Chrysanthemums, Ordinary	5.00 to 10.00
" Fancy	12.00 to 18.00
Harrisii lilies	10.00 to 15.00
Smilax	12.50 to 15.00
Violets	.50 to 1.00
Sweet peas	.50 to .75
Galax, per 1000, $1.00.	
Common ferns, per 1000, $1.00.	

The market is steady, and with a little more cold weather trade is expected to have quite a boom. Mums are the flowers in most demand, which is increased by the fact that many of the stores are having mum exhibitions this week. Carnations sell for funeral work only. Roses are much better and are being cleaned up quite well, but at small prices. Beauties are always sought after. Violets are not any too plentiful as yet, but quality is first-class. Cypripediums are making a fine showing now. Cyclamen are arriving in 4, 5 and 6-inch pots and find a ready sale on account of profusion of blooms. DILGER.

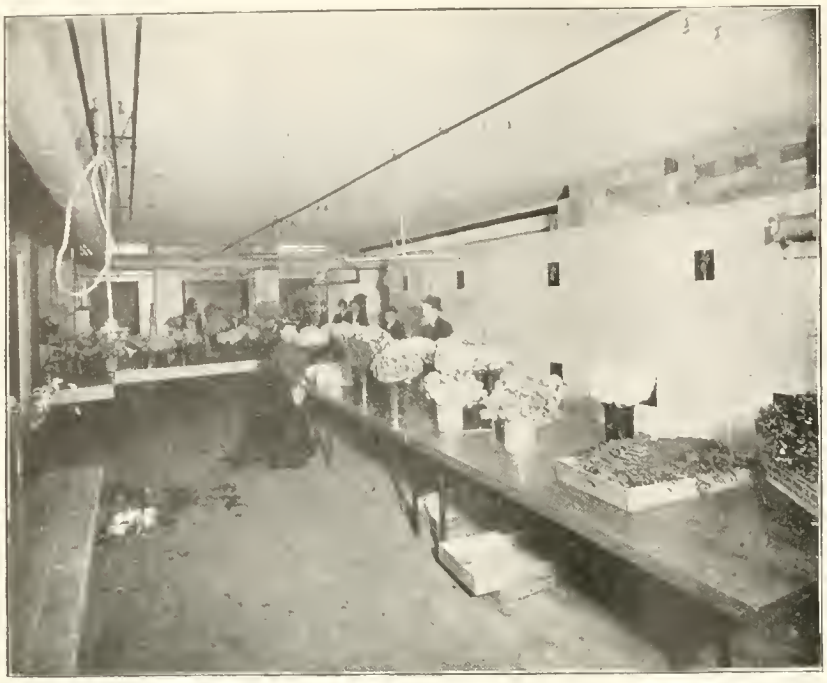
The Cincinnati Cut Flower Co.,

437-439 Main St., CINCINNATI, O. **Wholesale Florists.**

Consignments Solicited.
Special Attention given to Shipping Orders.

Mention The Review when you write.

WABASH, IND.—Harry White has just finished one new house and rebuilt one of his old ones. He has been doing a good business and his prospects are excellent.



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BROS. CO.

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We fill orders
When
Others fail.

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order now.

SPECIALTY.

CHICAGO.

The annual exhibition and the convention of the Chrysanthemum Society of America are covered elsewhere in this issue. Also the visitors at the show.

When Mr. E. Buettner returned home Tuesday evening after attending to his duties as judge at the exhibition, he found that during his absence he had himself received a double first premium in the shape of twin daughters. Congratulations are very much in order.

The annual banquet of the Florists' Club will be given this (Thursday) evening at 8 o'clock in the banquet hall of the Auditorium Hotel. P. J. Hauswirth is chairman of the committee.

Albert Fuchs, owner of the greenhouses occupied by Walter Retzer, and the principal creditor, was the largest buyer at the auction sale of Mr. Retzer's plants for the benefit of creditors last week.

Mr. Philip Foley, of the Foley Mfg. Co., was among the Chicagoans who visited the Kansas City show.

Last week the delivery wagon of I. C. Silliman, the west side florist, was converted into a "prairie schooner" by several small boys, who appropriated the rig and started west to "kill Indians." The prompt action of a suspicious policeman saved the Indians from extermination and restored the wagon to its owner.

The formal opening of the Ogden Floral Co., 848 West Harrison street, took place last Saturday. An excellent display was made.

A meeting of growers has been called for 3 o'clock next Saturday afternoon at the Palmer House to consider plans for a flower market in this city.

At the league games bowled last Tuesday evening the McKellar & Winterson's won three games from the Retailers and the Vaughan team won two out of three from the Wholesalers.

Nightshirt troubles seem to be epidemic in the Breitmeyer family. Fred B. tried to bring his with him to Chicago and almost exactly duplicated his brother's experience at Asheville.

Mr. Alex. Wallace, editor of the Florists' Exchange, New York, is in the city attending the convention and the exhibition.

The largest apple orchard in the world is being planted in Laclede County, Mo. It contains 5,000 acres. The orchard is owned by a company with a capital stock of $1,000,000. The officers of the company are: President, William Bayard Craig, chancellor of Drake University, Des Moines, Iowa; Vice-President, Dr. G. W. Miller, of Des Moines; Secretary, Frank M. Carroll, Des Moines; Treasurer, A. T. Zwart, of the Des Moines National Bank. Among the members of the Board of Directors are: Judge C. A. Bishop, of the Iowa Supreme Court; M. J. Wragg, president of the Iowa State Horticultural Society; S. A. Hughes, of St. Louis, general immigration agent of the 'Frisco system, and William C. Carroll, of Kansas City.

Bridgeton, N. J.—The city council has decided to spend $40,000 for a public park, the ordinance being passed by a unanimous vote.

McHenry, Ill.—H. M. Jensen has removed to Woodstock, where he will build greenhouses and establish a business.

SPECIAL
Fancy Beauties
AND
EXHIBITION MUMS.

Heard among Chicago Flower buyers: **"For all around good clean stock Poehlmann Bros. Company hold the lead."** No wind either.

Prices and quality always right. We desire a few more good regular customers. Convince yourself of the quality of our stock by sending a trial order.

In Beauties, Teas, Carnations and Mums we are especially strong. Buy now, when stock is plentiful and you will be taken care of when stock is scarce. Flowers for funeral work at lowest market prices.

POEHLMANN BROS. COMPANY,
35-37 Randolph St., CHICAGO.
CITY PHONE 3573 CENTRAL.

Greenhouses: Morton Grove, near Chicago. Long Distance Phone 201.

Mention The Review when you write.

GLADIOLI.
The finest collection in America. Named sorts—mixtures—Betscher's New Hybrids, Childsii, Groffs, Lemoinei, etc

Cannas.
An exceptionally fine lot, 50 best sorts.

Paeonies.
The best from the world's specialists. 50 best sorts.

Dahlias.
Madeira Vines, Oxalis, etc. Write for prices.

C. BETSCHER,
CANAL DOVER, OHIO.

Mention The Review when you write.

A Big Mistake.
You make a mistake if you buy **Araucaria Excelsa** from some other firm, as it is impossible for any other firm to give you such value for the money as we can. Why? Because we make a specialty of them; filling our houses in early April with the best to be found in Europe, raised from top cuttings only. All must be sold before Christmas to make room for Easter plants.

5½-in. pots, 12 to 14 inches..... .60c to .75
6-in. pots, 15 to 18 inches ....75c to 1.00
Specimen..... 1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots .75 to 1.50
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen.....from $4.00 to 5.00
Boston Ferns, 6-in. pots..... .40

Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants, 1012 Ontario St., PHILADELPHIA, PA.

Mention The Review when you write.

Galax Leaves
Large stock of green on hand; prime quality, right price.
Order now green and bronze for holidays.

C. W. BURLESON & SON
Successors to Chas. H. Ricksecker
Linville, N. C.

...THE...
Model
EXTENSION CARNATION SUPPORT.
ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.
Made with two or three circles.
Prompt shipment guaranteed.
Pat. July 27, 1897; May 17, 1898.
Write for prices and circulars.

IGOE BROS.
226 N. 9th St., Brooklyn, N. Y.

Lilacs
Pot-Grown for forcing. Marie Legraye, white. **Charles X.,** purple.
Per 50, $17.50, one variety.
Per 100, $30.00, one variety.

Cash with order.

C. H. JOOSTEN, Importer,
178 Chambers St., NEW YORK.

Mention The Review when you write.

1902 CROP ASPARAGUS SEED.
Decumbens, new, superior to plumosus. 100 seeds, $2.25; 1000 seeds, $20.00. **Plumosus nanus,** 100 seeds, $1.00; 1000 seeds, $9.00. **Sprengeri,** 100 seeds, 35c; 1000 seeds, $2.50.
All other high-grade seeds for Florists. Send for a copy of our **Seed Buyer's Guide.**

MOORE & SIMON, Seed Growers,
207 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

PRIMROSES.....
IMPROVED CHINESE. Finest large-flowering fringed varieties grown. Single and double, ready for 3-inch pots, $2.00 per 100.
Cash. Enough extras will be added to every order to pay express charges.

JOHN F. RUPP, - - SHIREMANSTOWN, PA.
The Home of Primroses.

Always mention the Florists' Review when writing advertisers.

PETER REINBERG

51 Wabash Ave., **Chicago.**

THE LARGEST GROWER of CUT FLOWERS IN AMERICA.

Headquarters for — **American Beauties.**

Our Novelties--SUNRISE and CHATENAY--are trade bringers. Try them.

EXTRA FINE LIBERTY. All the Standard Varieties.

Our Beauties won the first prize of $150 for 100 Beauties at the Kansas City Show. We were first again on 25 Beauties in the regular classes. **Also first on Kaiserin, Chatenay, Liberty, Ivory** and **Perle.** We also won the **special prize** for **Liberty** roses, another **special** for **yellow roses**--with Perle, and still another with our **pink sport of Golden Gate** for "best sport."

WE ARE HEADQUARTERS FOR **Choice Stock.**

GREENHOUSES:

SUMMERDALE, ILL., 800,000 feet of Glass.

REINBERG & WEILAND, NEW CASTLE, IND., 100,000 feet of Glass.

WHY CUSTOMERS

Go to HUNT'S for Cut Flowers,
Go to HUNT'S for Ribbons,
Go to HUNT'S for Baskets,
Go to HUNT'S for Doves,
Go to HUNT'S for Sphagnum,
Go to HUNT'S for Wire Designs,
Go to HUNT'S for All Supplies,

Because HUNT has the stock.

ARE YOU A CUSTOMER? WHY NOT?

E. H. HUNT, 76 Wabash Ave., CHICAGO.

ORANGE, N. J.

The attraction at the November meeting of the New Jersey Floricultural Society was the exhibition of a series of lantern-slides, which had been prepared by the Society of American Florists for their convention when in New York and now loaned by Mr. Robert Kift in the name of that society.

The pictures covered that field of floral art, attending the decoration of the simple dwelling, the mansion, the country church, the metropolitan church, decorations for balls, dinners and special public occasions and gave illustrations of the more brilliant events in the history of the craft, among which was the prize pieces of Hugh Graham, the work of Thorley, Small and The Rosary, the Bradley-Martin ball and Vanderbilt-Marlboro wedding, together with some special decorations at the White House.

It demonstrated its usefulness as a means of entertainment and instruction at our society meetings and if taken up largely by them will call strenuously for some bureau where appropriate pictures may be obtained at small cost, for use by floral societies. There was more than the usual expression of pleasure at a successful meeting and a demand for the repetition of its presentation.

J. B. D.

Morris, Ill.—A. B. Hull has sold the plant of the Morris Floral Co. to N. P. Colberg, formerly of Princeton, Ill., the consideration being $6,000. Mr. Colberg took possession Nov. 1.

Des Moines, Ia.—Thirty acres adjoining Grand View Park have been purchased by the park commissioners to enlarge the park.

CHRYSANTHEMUM

STOCK PLANTS.

Mrs. Coombes, the finest early pink, 15c each.
Nellie Pockett, fine white;..... 15c each.

A LARGE STOCK OF THE ABOVE.

Standard sorts, Appleton, Robinson, Eaton, 8c each.
No order filled for less than $1.00.

W. A. CHALFANT,

SPRINGFIELD, MO.

Mention The Review when you write.

Chrysanthemums.

STOCK PLANTS

Appleton, Chadwick, Eclipse, White and Yellow Bonnaffon, Golden Wedding, Morel, Robinson, Bassett, Jones, Nellie Pockett, Mrs. McArthur, Pacific, Polly Rose, Jumbo, Yanza and others, 10c each, $1.00 per doz., $6.00 per 100.

DALY BROTHERS

Wholesale Florists

NEW DURHAM, N. J.

Mention The Review when you write.

We are well pleased with the Review and do not think we could get along without it.—Swan & Son, Sturgeon Bay, Wis.

I am greatly pleased with the Review and I am sure I receive large profits on a small investment in this case.—Thos. Chapman, Denver, Colo.

Poinsettias for Xmas!

SURE TO BLOOM.

Extra fine stock, 2½-inch pots		$ 7.00	per 100
" " "	3 " "	10.00	"
" " "	4 " "	15.00	"
" " "	5 " "	25.00	"

HYDRANGEAS.

Field-Grown, very fine plants, ready for 7, 8 and 9-in. pots, at $15.00, $18.00 and $20.00 per 100.

Pot-Grown, well branched, $6.00 per doz.

Terms cash or satisfactory reference.

ADDRESS

S. ALFRED BAUR, ERIE, PA.

Mention The Review when you write.

Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.

Low Priced. Samples Free.

DAN'L B. LONG, Publisher, Buffalo, N.Y.

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FRUIT AND FLOWER PLATES

Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN

SEND FOR PRICE LIST.

Stock Cuts, 10c per square inch. Engraving by all processes. Printing and Lithographing. Illustrated Catalogues a specialty.

VREDENBURG & CO., Rochester, N. Y.

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Always Mention the....

Florists' Review

When Writing Advertisers.

WIETOR BROS.

51 Wabash Ave. CHICAGO.

Wholesale Growers of

CUT FLOWERS

We produce first grade stock in such great quantities that we can fill shipping orders for **Select Stock** at any time.

Our American Beauties

Are always in the lead and we grow all the **Standard Varieties of Roses,** too.

This season we can supply the New Rose IVORY in quantity.

IN CARNATIONS

We have all the standard and best new sorts, and can supply best quality in quantity.

CHRYSANTHEMUMS.

We are cutting a large lot of fine blooms and can give you the best the market affords.

By buying of the grower you save the rehandling charges of the middleman, save the injury to stock due to rehandling and are sure of getting fresh stock, for we know the whole history of every flower we ship.

PRICE LIST

AMERICAN BEAUTY,

Extra long stems	per doz.,	$4.00
36-inch stems	"	3.00
30-inch stems	"	2.50
24-inch stems	"	2.00
20-inch stems	"	1.50
15-inch stems	"	1.25
12-inch stems	"	1.00
8-inch stems	"	.75

Golden Gate	per 100,	$4.00 to $6.00
Liberty	"	4.00 to 12.00
Meteor	"	4.00 to 6.00
Ivory	"	8.00 to 12.00
Bride	"	4.00 to 6.00
Bridesmaid	"	4.00 to 6.00
Perle	"	3.00 to 5.00
Roses, our selection,	"	3.00
Carnations, fancy	"	2.00 to 2.50
Carnations, common,	"	1.50
Chrysanthemums	"	6.00 to 25.00

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

IMPORTANT DAMAGE CASE.

Two suits, of interest to persons interested in floriculture, have recently been settled in the courts. They are suits brought by Miss Sarah B. Fay and Mr. Michael H. Walsh against the N. Y., N. H. & H. R. R. Co., to recover for injury done to their rose gardens at Woods Hole, Mass., by the poisonous gases in the smoke from a fire set by the railroad.

On May 13, 1901, the railroad tore down and set fire to some old buildings on their premises at Woods Hole. Part of the material burned was tarred roofing, and the smoke from this fire, containing carbolic acid gas and other gases injurious to plants, was blown over into the gardens of Miss Fay and Mr. Walsh, and many of the rose plants killed and others seriously injured. Suits were brought and the cases referred to Prescott F. Hall, Esq., of Boston, as auditor. At the hearings Miss Fay and Mr. Walsh were represented by the Hon. Robert M. Morse and Mr. Henry M. Hutchings, and the railroad by Mr. Thomas C. Day. The auditor assessed the damages to Miss Fay at $5,387 and the damages to Mr. Walsh at $16,602. Before the cases were to be tried at Barnstable the railroad paid $20,000 to settle both cases.

It is of special interest that damages were awarded, not only for the market value of the standard varieties but for the stocks of new roses raised by Mr. Walsh and not yet disseminated, and that the values of these were largely determined by the success of Mr. Walsh's previous introductions; also, "for loss of prize money and of advertising at exhibitions." Mr. Walsh had in the past received numerous prizes at exhibitions and the value of the prizes he would have won but for the loss of his stock, and the resulting advertising, was considered in the estimate of damage suffered.

In the address to the auditor appear many references to previous decisions in similar cases that would be of great value to the attorney of any florist having to prosecute a suit for damages of the character named. An important precedent has been established that will be of great benefit to others who suffer damage of this sort.

A NEW YORK RHYMSTER.

Mr. Hartman, of Bradshaw & Hartman inspired by the mountain dew stories of Mr. Bradshaw after his southern trip for holly, has drifted into song, as the following lines will show:

Bradshaw and Hartman are made of the stuff
That never yields and never takes a bluff.
They traveled through the south, o'er mountains high,
On the backs of mules (don't ask them why).
They found the goods now so much in demand,
The brilliant holly, now so gay and grand.
Enough! They'll have to fill your store,
And if you say so they can give you more.
Thanksgiving is near; take a case or two
To sell with your flowers; 'tis a novelty true.
So give them a call, you know where they're at,
53 West 28th st., you've got that down pat.

Jerseyville, Ill.—A. W. Warren, formerly of Peoria, has succeeded to the florist business of Mrs. F. Bezner.

Morgantown, W. Va.—S. W. Fletcher, of Cornell University, has been elected horticulturist of the West Virginia University here.

Carthage, Mo.—Stephen Hyde & Son are building a greenhouse and will engage in the business.

Lily of the Valley
FROM COLD STORAGE.

It pays to grow Cold Storage Valley for Xmas, New Years and January. They bring flowers and foliage without much trouble and special arrangements. Grow them as cool as possible and without bottom heat. My stock is in excellent condition and will give satisfactory returns.

$15.00 per 1000; case of 2500, **$35.00**; per 100, **$1.75.**

Headquarters for Finest Cut Valley.

H. N. BRUNS, 1409 West Madison St., **CHICAGO.**

Fine Grafted. **ORANGES** Bearing Sizes.

12-inch, bushy, from 4-inch pots, $20.00 per 100
15-18 " " " " 30.00

KIN KANS. Per 100
10-12-inch, bushy, from 4-inch pots $20.00
15-18 " " " " 30.00

LEMONS. Per 100
12-15-inch, bushy, from 4-inch pots $20.00
18-24 " " " " 30.00

ROSES. Per 100
Climbing Clothilde Soupert, strong field-grown $10.00
Crimson Rambler, strong, field-grown 7.00

CLEMATIS APIIFOLIA.
A fine variety. Somewhat similar to C. Paniculata, but blooms earlier and lasts longer. Strong plants from 3-inch pots. $8.00 per 100. (Not less than 40 of a class at 100 rate.)

CITRUS TRIFOLIATA.
(Best defensive hedge plant.) Per 1000
Strong 2-year-old, field-grown $15.00
Strong 3 " " 20.00

AMOOR RIVER PRIVET.
(Better than California Privet.) Per 1000
18-24-inch, branched $15.00
24-36 " " 20.00
(Not less than 400 of a class at these rates.

Rubbers, Kentias, Phoenix, Latanias, Pandanus, Ornamental Trees and Shrubs in large quantities. Write for catalogue.

P. J. BERCKMANS CO. (Inc.)
FRUITLAND NURSERIES. AUGUSTA, GA.
Established 1856.
Mention The Review when you write.

Stock Chrysanthemums.

$6.00 per 100. 80 cents per doz.
Well furnished with cuttings.

WHITE—Early—Fitzwygram, Bergmann. Midseason—Queen, Robinson, Ivory. Late—Jerome Jones.
YELLOW—Early—Whilldin. Late—Bonnaffon, Wedding.
PINK—Early—Pacific. Midseason and Late—Morel, Perrin, Maude Dean.
Special and Scarce Kinds—Chadwick, white; Childs, red; Appleton, yellow; $8.00 per 100, $1.25 per doz.

ROSES—Strong Forcing Stock.
3-in. Brides, Meteors, Golden Gates. $4.00 per 100, $35.00 per 1000. 2-in. Brides and Maids, $2.00 per 100.
Choice Asparagus Plumosus for Christmas, 4-in., fine, $15.00 per 100; 5-in., $25.00 per 100.
W. H. GULLETT & SONS, Lincoln, Ill.
Mention The Review when you write.

SMILAX, strong 2-inch, $1.25 per 100.
GERANIUMS, mixed, $1.25 per 100.
E. I. RAWLINGS, - QUAKERTOWN, PA.

Always mention the Florists' Review when writing advertisers.

ESTABLISHED 1802

THORBURN'S SEEDS

SEND FOR
SPECIAL LOW PRICES
.....ON.....
DUTCH HYACINTHS
for FORCING or BEDDING,
....and....
LILIUM LONGIFLORUM.
J. M. THORBURN & CO.
36 CORTLANDT STREET, NEW YORK

Western Florists

Find us a convenient and economical source of supply for

BULBS AND FLOWER SEEDS.

Chas. Winkler, Hastings, Neb, says: "Bulbs received O. K. They are very nice. Thank you." Oct. 15th, 1902.

H. O. Hannah, Sherman, Tex., says: "I enclose you an order and permit me to say, we buy all our seed from you and they have proved **true to name** and in every instance have been fresh and **germinated well.** The bulbs we got this fall **look well** and are **up to standard** in **size** and **freshness.**" Sept. 15th, 1902.

Chas. Holzborn, St. Louis, says: "The Cycas Revoluta trunks I received from you were **the best I ever received.** The seed I got from you—Mignonette and Cineraria—**not one grain failed;** they are up as thick as can be." Sept. 9th, 1902.

"There are Others."

PLANT SEED CO.
615 N. Fourth St., ST. LOUIS.
☞ Write for **Wholesale Fall Catalog.**

We are not the whole show

but we are a part of it.

That we are "in it" is evidenced by the Judge's reports. See what they say.

At Kansas City:

American Beauties, Brides, Maids,
four entries,
2 Firsts, 2 Seconds.

CHOICE
BEAUTIES
Our Specialty.

Teas,
Carnations,
Mums,
Violets,
Valley,
Green Goods.

At Chicago:

Beauties, Brides, Maids,
six entries,
First on 25 Beauties.
First on 50 Beauties.
First on 100 Brides.
First on 100 Maids.
Second on 40 Brides.
Second on 40 Maids.

A full line of every variety of
Cut Flowers to be had in season.

Having remodeled and enlarged our salesroom we are now better equipped than ever to handle our constantly increasing business.

Give us your order and we will do the rest.

BENTHEY & CO.

Salesroom, 35 Randolph St., CHICAGO.

Greenhouses, New Castle, Ind.

Unrivalled Verbena Seeds.

OUR STRAIN is unequalled by any other in the market to-day: it is made by **mixing the choicest California, German and French strains,** and has produced superb plants wherever grown. The flowers of great size, with large eyes and vivid colors.

We send the seed in separate colors — scarlet, white, pink or blue or with all these colors mixed.

Price 50 cents per quarter ounce; $1.50 per ounce.

The followiug testimonials of our Verbena seed speak for themselves:—

The George H. Mellen Co., of Springfield, Ohio, write under date of November 6 1902: "Seed from you last November was fine and we want more just like it. This is for our own sowing."

The Michel Plant & Bulb Co., of St. Louis, Mo., under date of November 5, 1902: "We purchased from you last year some Verbena seed, as follows: * * * It was satisfactory. If you have the same strain this year duplicate the order."

CARNATION BANDS. Our Carnation Bands are the best in the market and prove an actual necessity to all growers of the Divine Flower. "A stitch in time saves nine." Get our Bands and slip them on now.

10,000 of these Bands for $1 00; 7000 for 75c; 4500 for 50c; 2000 for 25c; 1000 for 15c.

Send for Wholesale Seed and Bulb Catalogue.

HENRY F. MICHELL, 1018 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

WOOD FOR FUEL.

We are compelled to heat our greenhouses (three of them, 20x200) with wood this winter owing to scarcity of coal in this locality. We are to use 3-foot hardwood maple and beech, split. Our boilers (two of them) heat the entire plant, are sectional, one fire box being 4x4 ft. and the other 4x5 ft. We heat with steam.

Kindly advise if we can maintain a night temperature of 50 degrees. We grow carnations only. The outside temperature gets as low during winter as 15 to 20 degrees below zero. Under bench heat. Outside benches have four return pipes each, middle benches two pipes each. Two main supply pipes (overhead), 2½-inch, in each house. Returns, 1-inch. Mains out of boilers, 5-inch. Two houses connected, one detached.

No. 404.

In answer to inquiry No. 404, judging by the size of the fire boxes, the boilers are more than sufficient to heat the houses in question and the arrangement of the heating surface is liberal. In firing with wood, a portion of the grates should be covered with some convenient non-combustible material, the exact arrangement of the covering will depend largely upon the construction of the grates. If the grates are of the ordinary sectional shaking variety, it would be well to disconnect two-thirds from the shaking mechanism; that is, starting from the front, leave the first grate connected, disconnect the next two, using the fourth, disconnect the next two and so on, covering the fixed grates with a piece of sheet iron, fire clay or any other convenient material. If the grates are fixed, that is, non-shaking, cover the whole excepting a space of about two inches around all four sides. In firing with wood, very little bottom air is required and a liberal supply directly into the fire through the lower part of the fire-door is desirable.

New York. Henry W. Gibbons.

Clementon, N. J.—The wife of E. Banyard died Oct. 7th, after a five months' illness, aged 67 years. Mr. Banyard has the sympathy of many friends in the trade.

Joliet, Ill.—The Joliet Improvement Association has decided to have a flower show Nov. 20, 21 and 22. The exhibition will be held in a large tent. F. S. Allen is president of the association and Chas. Noble is secretary.

The GLENWOOD NURSERIES

EVERGREENS.

The largest and most complete assortment of **Specimens,** sheared and of natural form. All roots pruned and carefully grown.

Evergreen Trees, Evergreen Shrubs and **Vines** for window boxes and Winter decorations.

DECIDUOUS TREES.

20,000 **Oriental Plane Trees,** 6 to 14 feet.

25,000 **Oaks,** in variety, 6 to 14 feet.

100,000 **Maples,** in variety, 8 to 18 feet.

Beech, Birch, Ash, Elms, Ginkgo Poplars and other leading varieties.

HEDGE PLANTS.

200,000 **California Privet,** 1 to 4 feet. The finest grown.

Osage Orange, Berberry Thunbergii, Altheas, etc.

FLOWERING SHRUBS.

15,000 **Hydrangea Paniculata Grandiflora,** 1 to 4 feet.

5,000 **Deutzias (Gracilis** and **Lemoinei)** for forcing.

A complete assortment of Shrubs of all sizes, including quantities of large shrubs for immediate effect plantings, as well as smaller grades.

Climbing Vines.

5,000 **Ampelopsis Veitchii,** 1 and 2 years.

20,000 **Hall's Japan Honeysuckle.**

20,000 **Clematis Paniculata.**

English and **Irish Ivies, Wistarias** and other vines.

Crimson Rambler, Wichuraiana and other climbing and running roses.

Special Quotations to large buyers. New Trade List now ready.

Descriptive Illustrated Catalogue on application.

THE WM. H. MOON CO., MORRISVILLE, PA.

60 miles from New York. 30 miles from Philadelphia.

Mum Stock Plants

White and Yellow Fitzwygram; White, Yellow, Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wanamaker, Sunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Perrin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100.

Stock will be shipped as soon as cut down.

POEHLMANN BROS. CO.

MORTON GROVE, Cook Co., ILL.

Mention The Review when you write.

PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain: "The largest and finest colored flowers we have ever seen."

100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants $1.00 per 100; $8.00 per 1000.

Seed, $1.00 per pkt.; $5.00 per oz. **Cash with order.**

E. B. JENNINGS, Lock Box 254, Southport, Conn.

GROWER OF THE FINEST PANSIES.

Mention The Review when you write.

ROOTED CUTTINGS OF ROSES

Now Ready. Write us your wants.

BOSTON FERNS in 2½, 3, 4, 5, 6, 7, 8 and 10-inch.

Stock Plants of Chrysanthemums.

GERANIUMS in 2½-inch pots.

SMILAX. Plumosus and Sprengeri.

CINERARIAS in 4-inch pots. Extra nice plants.

Cut Flowers — ROSES, CARNATIONS and MUMS.

.....Write.....

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

CHAS. D. BALL,

GROWER .....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

FINE Beauties in quantity.

SELECT ROSES, A No. 1.
SELECT ROSES, No. 1.
ROSES, SECONDS.
CHOICE CARNATIONS, all the standard sorts.
CHRYSANTHEMUMS.
VIOLETS, VALLEY.
ASPARAGUS.
ADIANTUM. SMILAX.
FERNS.

J. A. BUDLONG

WHOLESALE GROWER AND SHIPPER OF CUT FLOWERS,

37-39 Randolph Street, ...CHICAGO.

Special attention given to shipping orders. We can fill your orders when others fail. When you fail to get satisfaction elsewhere, just give us a trial. You'll find our service prompt. Remember we make no charge for "P. and D."

Store open from 7:30 a. m. to 6:00 p. m. Sundays and Holidays to 12:00 m.

A. L. RANDALL

4 Wholesale

Washington St., CHICAGO..... Florist.

THANKSGIVING is now approaching, and all orders should be sent as far in advance as possible to secure the best selection. Shall be well supplied with **Mums** of all qualities, varieties and shades. **Violets are all Marie Louise** and simply superb. **Roses** and **Carnations** never were of better quality. We will have a fine stock of **American Beauties.** Among Carnations we have **Morning Glory, Bradt, Crane, America, Mary Wood, Marquis, etc.**

Write for Price List and Special Quotations on large quantities.

A. L. RANDALL, 4 Washington St., Chicago.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, in variety, 2¼-in., $2.50 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ACALYPHAS.

Acalypha tricolor, fine 4-in. stock, $1.00 per dozen.
G. M. Naumann, Doan St., Cleveland, Ohio.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALYSSUM.

Giant and dwarf dbl. alyssum, 2¼-in., $2.00 100. R. Vincent, Jr., & Son, White Marsh, Md.

ARAUCARIAS.

Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
JULIUS ROEHRS, Rutherford, N. J.

ASPARAGUS.

Asparagus Sprengeri, 10,000 field-grown. Have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. According to size, $4.00, $6.00 and $8.00 per 100.
NATHAN SMITH & SON, Adrian, Mich.

ASPARAGUS SPRENGERI, strong plants from flats, $1.00 per 100, $7.50 per 1,000, $25.00 for 5,000. Cash.
PHILIPPI BROS., Citrus Nurseries, Rocklin, Placer Co., Cal.

Asparagus plumosus, 3-in., 5c; 5-in., 25c. Fine plants in fine condition.
Crown Point Floral Co., Crown Point, Ind.

Field-grown Asparagus Sprengeri, at $3.00, $5.00 and $7.00 per 100.
C. WINTERICH, Defiance, Ohio.

Asparagus Sprengeri, nice 2½-in. stock, $2.50 per 100, $20.00 per 1000.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Asparagus plumosus, choice, 4-in., $15.00; 5-in., $25.00 100.
W. H. GULLETT & SONS, Lincoln, Ill.

Asparagus, Sprengeri, fine 2½-in., $2.00 100; 2-in., $1.25 100.
Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

ASPARAGUS PLUMOSUS, 2¼-in., strong, $3.00 100. Cash.
JOS. H. CUNNINGHAM, Delaware, O.

Asparagus plumosus, 3-in. strong, $5.00 per 100.
Wm. Schwan, Risley St., Fredonia, N. Y.

A. Sprengeri, 1,000 3-in., $2.00 100; $18.00 1,000. Gulf Coast Nurseries, Dickinson, Tex.

2000 Asparagus plumosus, 2x2½-in., nice bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus Sprengeri, 3-in., nice plants, $4.50 100. J. B. Heiss, Dayton, O.

Asparagus Sprengeri, 3-in., extra fine, $2.50 per 100. Gesler & Drury, Galesburg, Ill.

Asparagus Sprengeri, 4-in., $5.00 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Asparagus Sprengeri and plumosus. Write.
Geo. A. Kuhl, Pekin, Ill.

Asparagus tenuissimus, large, 3½-in., $2.50.
C. M. NIUFFER, Springfield, Ohio.

Asparagus plumosus, 2½-in., $4.00 100.
H. STEINMETZ, Raleigh, N. C.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

ASPIDISTRAS.

Aspidistra, 4-in. pots, 6c per leaf. Cash with order. Chas. P. Gulick, Kingston, N. J.

AZALEAS.

Our AZALEAS are in splendid condition. Don't place your order until you have inspected our stock and been quoted prices on same.
BOBBINK & ATKINS, Rutherford, N. J.

DREER'S AZALEAS—Finest varieties, best values. For sizes, prices, etc., see displayed adv. in this issue.
H. A. DREER, Philadelphia, Pa.

Azalea indica, leading varieties, now ready.
F. W. O. Schmitz, Prince Bay, N. Y.

BAY TREES.

Box Trees, Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Begonias, strong plants. Rubra. Pres. Carnot. Metallica. Argenteo-guttata. 2½-in., $2.50.
C. M. NIUFFER, Springfield, Ohio.

Begonia incarnata, the most useful begonia for winter-flowering. 3-in., $8 100.
N. SMITH & SON, Adrian, Mich.

BERRIED PLANTS.

Jerusalem cherries, well-berried plants, for 5-in. pots, $15.00 per 100.
A. SCHMITT, Glenville, Ohio.

BULBS.

ALL BULBS here offered are of the very best quality, and are offered far below value.

HYACINTHS.

White Romans, 11x12, $1.50 per 100; $14.00 per 1000.
White Romans, 11x15, $1.75 per 100; $16 per 1000.
Blue, light or dark rose Romans, very large bulbs, $1.65 per 100; $15.00 per 1000.
White Italian, extra fine forcer, $2.00 per 100; $18.00 per 1000.

NARCISSUS.

	100.	1000.
Paper White Grandidora, 13-16 cm.	$ .70	$6.00
Von Sion, True Dutch, Extra double-nosed	1.25	10.00
Von Sion, True Dutch, extra select, many double-nosed	1.00	8.00
Golden Spur, 1st size, very large, 30c per doz.	1.50	
Single mixed, double mixed, or Trumpet Narcissus, all our own very BEST and CHOICEST mixture	.60	5.00

TULIPS.

We have in stock all FLORISTS' sorts but offer at a great reduction especially our

	100.	1000.
SUPERIOR choice EARLY single mixed	$ .50	$4.00
SUPERIOR choice double mixed	.55	4.50
Gesneriana, the TRUE sort	1.00	9.00
A large surplus of Keizerskroon at	.85	8.00
CALLA Richardia (Spotted Calla)	3.00	25.00
ALLIUM NEAPOLITANUM	.35	3.00
GLADIOLI COLVILLEI ALBA	.45	4.00

LILIES.

Lil. Longiflorum, SAME unrivaled stock we have been furnishing FLORISTS for 20 years. Time to plant them now for EASTER. 6x8, 100, $2.50; 1000, $23.00. 9x10, 100, $6.00; 1000, $55.00. 7x9, 100, $3.75; 1000, $35.00. 10x11, 100, $7.50; 1000, $70.00.
All Japan Lilies in now.

DUTCH HYACINTHS.

Finest named sorts, in separate colors our selection, $3.50 per 100; separate colors, mixed, $2.25 per 100.
Due shortly—SPIRAEAS—large fine clumps.

	Doz.	100.
Spiraea Japonica	$ .60	$3.00
" Compacta floribunda	.75	3.50
" Astilboides floribunda		4.50
" Gladstone, finest of all	1.25	9.00

200 at 1000 rate; 25 at 100 rate.
H. H. BERGER & CO., 47 Barclay St., N. Y.

GLADIOLI, finest mixed, $1.50 to $4.00 per 1000. ISMENE CALATHINUM, $3.00 to $5.00 per 100. OXALIS, 5 fine varieties, named, 50 to 60c per 1000; mixed, $30.00 per 100,000. MADEIRA VINE, $5.00 to $10.00 per 1000. List free. E. Y. TEAS, Centerville, Ind.

Send for special low prices on DUTCH HYACINTHS for forcing or bedding, and LILIUM LONGIFLORUM.
J. M. Thorburn & Co., 36 Cortlandt St., New York.

ATTRACTIVE BULBS at cut prices.

	100.	1000
Lilium Harrisii, 6 to 7		$25.00
7 to 9	$6.00	50.00
L. longiflorum (Japan), 6 to 8	3.00	25.00
Dutch hyacinths, 1st size	2.25	21.00
Tulips, single mixed	.60	5.00
Narcissus Von Sion, 1st size	1.30	12.00
Double-nosed	1.75	17.00

H. F. MICHELL,
1018 Market St., Philadelphia, Pa.

Lilium Harrisii, 7 to 9, $80.00 1,000; Roman hyacinths, 12 to 15 cms., $22.00 1,000. Narcissus paper white grand. 13 cms. and up, mammoth bulbs, $8.00 1,000. The above have just arrived and prices are for immediate orders. All Dutch and Japan bulbs now on hand
F. W. O. SCHMITZ, Prince Bay, N. Y.

HIGH-GRADE BULBS.—Quick sale prices. See our displayed adv. in this issue.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Milla and Bessera, $10.00 1000. Cooperia, 2 kinds, $3.00 to $4.50 1000. Zephyranthes Andersonii, $6.00 1000. William Tell, Austin, Tex.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
JAMES VICK'S SONS, Rochester, N. Y.

No. 2 Excelsior Pearl tuberoses, 3 to 4 inches in circumference, and Caladium esculentum bulbs.
Z. J. Carter & Son, Wallace, N. C.

CALLA BULBS. Extra large-sized bulbs, to close out, $6.00 per 100.
LIVINGSTON SEED CO., Columbus, O.

Send to us for our SPECIAL low prices on SURPLUS BULBS.
BOBBINK & ATKINS, Rutherford, N. J.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

Ex. Pearl tuberose and Caladium esc. bulbs.
Jno. F. Croom & Bro., Magnolia, N. C.

Mexican summer bulbs. Send for list.
J. A. McDOWELL, City of Mexico.

CACTI.

Cactus, Old Man's Head, $3.00 doz., postpaid.
J. A. McDOWELL, City of Mexico.

CANNAS.

CANNAS.

3000 Pres. McKinley.	2000 Chicago.
1000 A. Bouvier.	500 Chas. Henderson.
500 Duke of Marlborough.	500 Gov. Roosevelt.
	500 Flamingo.
500 Cuba.	1000 Defender.
500 St. George Hillaire.	1000 Yellow Crozy.
1000 Fl. Vaughan.	500 Allemania.
500 Kronos.	500 Admiral Dewey.
1000 Mlle. Berat.	200 Kate Gray.
1000 Alba Rosea.	

At $12.00 per 1000, or the whole lot to one party at $10.00 per 1000.
C. G. NANZ, Owensboro, Ky.

Strong field-grown clumps of Chas. Henderson, Egandale, Austria, Burbank, Robt. Christy, Leonard Vaughan and Robusta, $13.00 per 100. Cash with order. Can be shipped by freight.
LIVINGSTON SEED CO., Columbus, O.

Cannas. Chas. Henderson, Fl. Vaughan, Queen Charlotte and other good varieties; field clumps or divided to two or three eyes.
Jos. Dunn, Orr's Mills, N. Y.

Strong field-grown clumps of Fl. Vaughan, Austria and Burbank, mixed, at $5.00 per 100 if taken at once. C. W. Noyes, Prophetstown, Ill.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want?
Write Benj. Connell, West Grove, Pa.

CANNAS. An exceptionally fine lot; 50 best sorts.
C. BETSCHER, Canal Dover, Ohio.

CAREX.

Carex jap. variegata, a useful decorative grass. 2¼-in., $2.50 100.
N. Smith & Son, Adrian, Mich.

CARNATIONS.

FIELD-GROWN CARNATIONS.

	1st size.	2d size.
2000 Norway	$8.00 100	$6.00 100
1000 Flora Hill	6.00 100	5.00 100
1500 Mermaid	6.00 100	5.00 100
500 Egypt	6.00 100	4.00 100
500 Maceo	6.00 100	4.00 100
300 Gov. Roosevelt		6.00 100
200 Lorna		6.00 100
300 Queen Louise		6.00 100

W. E. HALL, Clyde, Ohio.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1,000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Strong, healthy, field-grown carnation plants ready for planting:

	100	1000		100	1000
Bradt	$7.00	$60.00	Lord	$5.00	$40.00
Marquia	6.00	50.00	Melba	5.00	40.00
Scott	4.00	30.00	M'Richm'd	5.00	40.00
McGowan	4.00	35.00			

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

LILLIAN POND, the largest and best white—it's a money-maker for all of you. Delivery commences Jan. 1, 1903. Prices: 12 $1.50, 25 $3.00, 50 $5.00, 100 $10.00, 250 $23.00, 500 $37.50, 1000 $75.00.
S. J. REUTER, Westerly, R. I.

MURPHY'S WHITE, the commercial white carnation, will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1,000.
WM. MURPHY, 130 East Third st., Cincinnati, O.

Two sisters, MARIAN and DORA, are on the way. Keep your eyes open. Both white. Orders booked now and cuttings sent as soon as ready in January next. Price: $5.50 per 100, $45.00 per 1000.
Isaac A. Passmore, Route 7, Westchester, Pa.

Rooted carnation cuttings ready Dec. 1. Satisfaction guaranteed and express charges prepaid. See displayed adv. in this issue for varieties and prices.
CALIFORNIA CARNATION CO., Loomis, Cal.

Carnations. 125 White Cloud and 175 Daybreak, the lot for $10.00 cash. They are large plants, in fine condition and are a bargain at the price. S. J. Galloway, Eaton, O.

Reduced price on field-grown carnations. Triumph, Morning Glory, Joost, Marquis, Prosperity and Lord, $5.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Rooted carnation cuttings. Send a list of what you need for prices.
ALBERT M. HERR, Lancaster, Pa.

Strong field-grown Joost, $3.00 100, $25.00 1000. Cash. Daon & Son, Westfield, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums, large stock plants from bench. Adrian, 35c each, $3.00 doz.; C. Holst, Honesty, Prosperity, Providence, 25c each, $2.00 doz.

Estus, Mrs. Chamberlain, Chadwick, Appleton, Liberty, Orizaba, Maud Dean, Childs, Lady Roberts, Monrovia, $1.50 doz., $8.00 100.

Mrs. E. D. Smith, Bergmann, Willow Brook, Monarch, Polly Rose, Glory of Pacific, Kalb, Ivory, The Queen, Mrs. J. Jones, White Bonnaffon, Parr, October Sunshine, R. Halliday, Bonnaffon, R. H. Pearson, Lady Harriott, Adele, J. K. Shaw, $1.00 doz., $6.00 100.

Six plants of one variety at doz. rate; 25 at 100 rate.
H. WEBER & SONS, Oakland, Md.

Stock chrysanthemum plants, strong and healthy, full of young growth, of the following varieties: Fitzwygram, white and pink Glory of Pacific, Monrovia and Robt. Halliday, two best early yellows; Kalb, Willowbrook, Bergmann, J. K. Shaw, October Sunshine, Fee du Champsaur, Ivory, Bonnaffon, Col. Appleton, Timothy Eaton, Holst, Evangeline, Vivland-Morel, Chas. Davis, Mongolian Prince, Intensity, H. A. Parr, Mrs. Perrin, E. D. Smith, Eaton, Pennsylvania, Philadelphia, Arab, Adula, Helen Bloodgood, T. L. Parks, Chadwick, F. B. Hayes, White Bonnaffon, Yanoma, Rieman, Walleroo, R. Hooper Pearson, etc., 10c each; $1.00 doz.
GUNNAR TEILMANN, Marion, Ind.

CHRYSANTHEMUM STOCK PLANTS. Bergmann, Glory of Pacific, Douglas, Jerome Jones, Maud Dean, Mrs. Robinson, Ivory, Mrs. O. P. Bassett, Gladys Vanderbilt, Vivland-Morel, Bonnaffon, Dorothy Divine, Philadelphia, Rose Owen, Whilldin, Autumn Glow, Western King, Pres. Graham, Mrs. T. L. Park, Geo. W. Childs, C. H. Peirce, 75c per doz., $5.00 per 100.

Xeno, Lady Harriott, White Bonnaffon, Col. Appleton, Timothy Eaton, Monrovia, Polly Rose, 10c each, $1.00 per doz.

Thornden, Silver Wedding, Goldmine, Robt. Halliday, 15c each, $1.50 per doz.
WALKER & McLEAN, Youngstown, O.

CHRYSANTHEMUM STOCK PLANTS. White and Yellow Fitzwygram; White, Yellow and Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wanamaker, Sunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Perrin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100. Stock will be shipped as soon as cut down.
POEHLMANN BROS. CO., Morton Grove, Ill.

Chrysanthemum stock plants. Appleton, Chadwick, Eclipse, White and Yellow Bonnaffon, Golden Wedding, Morel, Robinson, Bassett, Jones, Nellie Pockett, Mrs. McArthur, Pacific, Polly Rose, Jurubo, Yanza and others, 10c each, $1.00 doz., $6.00 100.
DALY BROS., New Durham, N. J.

Stock chrysanthemums. Fitzwygram, Bergmann, Queen, Robinson, Ivory, Jerome Jones, Whilldin, Bonnaffon, Wedding, Pacific, Morel, Perrin, Maud Dean, 80c doz., $6.00 100.

Chadwick, Childs, Appleton, $1.25 doz., $8.00 100. W. H. GILLETT & SONS, Lincoln, Ill.

Stock mum plants of Timothy Eaton, Perrin, Bonnaffon, Childs, Cullingfordii, Robinson and Glory of Pacific, from 5 to 7-in. pots, $4.00 per 100. Cash.
W. W. Thompson & Sons, Station D., Milwaukee, Wis.

Chrysanthemum stock plants. Willow Brook, Marion Henderson, Maud Dean, Ivory, Glory Pacific, Mrs. Weeks, Golden Wedding, Mrs. H. Robinson, Vivland-Morel, Yellow Queen, 75c doz., $5.00 100.
WM. SCHWAN, Risley St., Fredonia, N. Y.

Good, strong stock plants of Primo, Eaton, Mrs. Elmer D. Smith, Dalskov, Robinson, Appleton, Pacific, Bonnaffon, Lady Harriott, $6.00 per 100.
JOHN H. VESEY, 201 N. Denver ave., Kansas City, Mo.

Stock chrysanthemum plants, good, healthy stock of the following varieties: Bergmann, Pacific, Robinson, Pink and White Ivory, Sunderbruch, Whilldin, Bonnaffoo, Maud and Effie Dean, Golden Wedding, $5.00 per 100.
Wagner Park Conservatories, Sidney, O.

Chrysanthemum stock plants. Pacific, Willowbrook, H. A. Parr, Robert Halliday, Mrs. Robinson, Queen, Bonnaffon, Geo. C. Jenkins, Arline, $5.00 per 100. Timothy Eaton, $7.00 per 100. Cash, please. William Schroeder, 10th st. and 1st ave., Williamsbridge, New York City.

Chrysanthemum stock plants. Mrs. Coombes, the finest early pink, 15c each. Nellie Pockett, fine white, 15c each. Standard sorts—Appleton, Robinson, Eaton, 8c each. No order filled for less than $1.00.
W. A. CHALFANT, Springfield, Mo.

Stock mums. Pink—Glory of Pacific, Mrs. Perrin. Yellow—R. Halliday, Appleton. White—Polly Rose, Queen, White and yellow Bonnaffon, Chadwick, White and Pink Ivory.
G. M. Naumann, Dean St., Cleveland, O.

Chrysanthemums. Stock plants. Col. D. Appleton, Timothy Eaton, Golden Wedding, H. W. Rieman, J. H. Kalb, W. H. Chadwick, $1.00 per doz.; $8.00 per 100. Cash, please.
C. B. Schisler, Williamsville, N. Y.

Chrysanthemum stock plants. Robinson, Queen, Golden Gate, Philadelphia, Blackhawk and other leading varieties; fine plants; $6.00 $100; 75c dozen.
MAX SCHREIBER, Box 570, McDonald, Pa.

Stock chrysanthemum plants. White and yellow Fitzwygram, Ivory, Dalskov, white and yellow Jones, Bergmann, Robinson, Primo, etc., $8.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants now ready. Polly Rose, Major Bonnaffon, Glory of the Pacific, $1.00 per dozen. Cash with order. B. Merkel & Sons, 6th St. and Broadway, Carlstadt, N. J.

Stock plants of Chadwick, Eaton, Kalb, Robinson, Appleton, Bassett, Bonnaffon and Wedding, $1.00 per doz., $6.00 per 100.
H. P. GERHARDT, 27 Waterloo Ct., Chicago.

Stock plants of Kalb, Ivory, Bonnaffon, white and yellow Robinson, and Col. Appleton, $6.00 100. Crabb & Hunter, Grand Rapids, Mich.

Chrysanthemum stock plants. Timothy Eaton and Col. D. Appleton, $1.00 per doz., $6.00 per 100. E. J. Hull, Olyphant, Pa.

Orders booked now for stock mums. Best standard varieties, $1.25 per doz. Cash.
GEO. HARRER, Morton Grove, Ill.

Chrysanthemum stock plants, leading varieties, $4.00 100. Eaton and Chadwick, $6.00.
John Brod, 349 W. North ave., Chicago.

Stock plants of Lady Harriett, B. Halliday and J. K. Shaw, $6.00 100.
G. D. Lotze, Jr., Glen Burnie, Md.

Stock plants of early varieties of chrysanthemums ready now.
GEO A. KUHL, Pekin, Ill.

CINERARIAS.

Cineraria grandiflora, extra strong, ready for 3½-in., $1.50 100. Cash.
J. W. MILLER, Hatton, Pa.

Cinerarias, strong 3-in. stock, $4.00 per 100; 5-in., $10.00 per 100.
James Frost, Darke Co., Greenville, Ohio.

Cineraria stellata, from 2 to 4 ft. high, 3-in. pots, $5.00 100.
N. SMITH & SON, Adrian, Mich.

Cinerarias, 3-in., strong frame-grown stock, $5.00 100. C. Winterich, Defiance, Ohio.

Cinerarias, 4-in. Extra nice plants.
GEO. A. KUHL, Pekin, Ill.

CLEMATIS.

Finest purple, white, lavender and pink clematis, 2-yr. field-grown, or from 5-in. pots, 18c; 1-yr. field-grown, or from 3-in. pots, 9c. C. paniculata, fine 2-yr. field-grown, 6c. Cash.
W. H. SALTER, Rochester, N. Y.

Clematis coccinea, $40.00 and $45.00 1000. Clematis crispa, $35.00 and $40.00 1000.
WILLIAM TELL, Austin, Texas.

Clematis apiifolia, a fine variety; strong plants from 3-in., $8.00 100.
P. J. BERCKMANS CO., Augusta, Ga.

Clematis paniculata, pot-grown, $2.00 100; $15.00 1,000. C. G. Nanz, Owensboro, Ky.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus in best varieties—some never offered before—2¼-in., $2.00 100.
Mayer & Son, Willow Street, Lanc. Co., Pa.

Coleus, stocky 2½-in., 12 different colors, $1.75 100. Cash.
H. Ernst & Son, Washington, Mo.

The new winter-flowering coleus, Thyrsoides. Rooted cuttings, $2.00 100.
J. A. WIBE, Downers Grove, Ill.

Coleus, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

CROTONS.

Crotons, different varieties from 3 to 3½-in. pots, $5.00 per 100. Cash.
Geo. Reutschler, Alexandria, Ind.

CYCLAMEN.

CYCLAMEN PERSICUM SPLENDENS GIGANTEUM, a splendid stock of plants, well-budded, from 3-in. pots, $6.00 per 100; from 3½-in. pots, extra fine, in bud and bloom, $10.00 per 100; $90.00 per 1000.
PAUL MADER, East Stroudsburg, Pa.

Cyclamen giganteum, strong plants, showing buds nicely. They are fine stock. 3-in., $6.00 100. Cash with order.
LOUIS BAUSCHER, Freeport, Ill.

500 Cyclamen giganteum, best strain, mixed colors, 2¼-in. pots, $2 and $5 per 100. Cash.
Jay Lingenfelter, Akin, N. Y.

Cyclamen giganteum, 3-in., $5.00; 4-in., well-budded plants, ready for 5-in., $10.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, well set with buds, 4-in., $12.00; 5-in., $18.00 and $25.00.
C. WINTERICH, Defiance, Ohio.

DAHLIAS.

Dahlias. Special prices to close out surplus. Livoni, shell pink; Brunton, large yellow; Nymphaea, flesh pink; Prince Charming, rose pompon; Agnew, scarlet, heavy clumps, just as dug from field, will divide into 4 to 15 strong roots, $5.00 100; $45.00 1000.
ELM CITY NURSERY CO., New Haven, Conn.

DAISIES.

The GREAT SHASTA DAISY, a fine thing; hardy; 4-in. flowers on 12-in. stem; pure white; doz., $1.00 by mail; 100, $6.00 by exp.
S. J. GALLOWAY, Eaton, Ohio.

Double daisies, Longfellow and others, $2.50 1000; 50c 100 by mail. Cash.
H. Ernst & Son, Washington, Mo.

Daisies, red and white; large plants, 35c 100, $2.50 1000. J. C. Schmidt, Bristol, Pa.

Chrysanthemum frutescens, white and yellow, $1.00 100. Buckley Plant Co., Springfield, Ill.

Dark-red sweet williams, 50c per 100.
GEO. ENGEL, Xenia, Ohio.

DEUTZIAS.

Deutzia gracilis, pot-grown, $1.50 doz.; $12.00 100.
BOBBINK & ATKINS, Rutherford, N. J.

DRACÆNAS.

Dracaena indivisa from flats, 50c 100; $4.00 1,000. Wm. Stuppe, Westbury Station, N. Y.

Dracaena indivisa, field or pot-grown, 5-in., $20.00 per 100. A. SCHMITT, Glenville, Ohio.

FERNS.

Lygodium scandens, the Japanese climbing fern, far superior to smilax and equal to Asparagus nanus for cutting; 100 planted now will make 100 to 150 yards of fine decorative foliage for Easter, worth from 25c to 40c per yard. Try it and be convinced. $1.00 per 100 postpaid. Clarke & Ley, Thunderbolt Ferneries, Thunderbolt, Ga.

FERNS—Continued.

FERNS OUR SPECIALTY. Come to headquarters with your orders. We have added another large range of greenhouses to our establishment and can offer you unlimited quantities of JARDINIERE FERNS, fine, stocky plants, from 2¼-in. pots, in 15 of the best varieties, at $3.50 100; $30.00 1000. SAMPLES FREE. From 3-in. pots, for larger jardinieres, including all the leading varieties, $8.00 100; $75.00 1000.

4-in. stock, fine as specimen plants, or for large jardinieres and basket work, well-grown stock, very compact, in the following varieties: PTERIS, ARGYRAEA, PT. CRETICA CRISTATA, PT. CRISTATA MAJOR, PT. CRETICA ALBO-LINEATA, CYRTOMIUM FALCATUM, SITOLOBIUM CIRCUTARIA, ASPIDIUM TENSIMENSE and ALSOPHILA AUSTRALIS. $16.00 100, $150.00 1000.

ADIANTUM CUNEATUM, 4-in. plants, $16.00 100, $150.00 1000; 5-in. plants, $25.00 100.

ANDERSON & CHRISTENSEN, Telephone 29 I, Short Hills, New Jersey.

SPECIAL OFFER for short time only. To make room we offer an extra fine lot mixed ferns from 2-in. pots, strong and well-grown, $3.00 per 100; $25.00 per 1000. All good varieties. Can furnish any quantity of Cyrtomium falcatum alone at $3.50 per 100.

BEARD BROS., 1248 W. Fort St., Detroit, Mich.

Adiantum capillus veneris, best for fern dishes and other decorative work, 2½-in., $3.00 100. Adiantum capillus veneris imbricatum, 2½-in., $5.00 100. Nephrolepis davallioides furcans has no equal as a Christmas plant, 5 and 6-in. pans, $5.00 and $6.00 per doz. Pteris cretica albo-lineata, variegated; useful and pretty, 2½-in., $3.00 100. N. SMITH & SON, Adrian, Mich.

Sturdy cool-grown ferns, $1.25 100; $10.00 1000, Pteris tremula, P. hastata, P. sulcata, lomarias, lygodiums, gymnogrammes, adiantums, onychiums, etc. Clarke & Ley, Thunderbolt Ferneries, Savannah, Ga.

Ferns for jardinieres, 2¼-in. pots, $3.50 100, $30.00 1000. All the finest varieties, including Asplidium tensimense in any quantity.

BOBBINK & ATKINS, Rutherford, N. J.

Orders booked now for the new Nephrolepis fern, ANNA FOSTER. Small plants, $25.00 100. Boston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Boston ferns, 2½-in., $6.00 100; 3-in., $10.00; 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., $1.00; 8-in., $1.25.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Nephrolepis Bostoniensis, 2½, 3, 4, 5 and 6-in. Call or write. Prices right. Ludwig Mosbaek, 8500 Anthony Ave., So. Chicago, Ill.

BOSTON FERNS in 4, 5, 6 and 7-in., pot-grown, at 15c, 35c, 50c and 75c each. Choice stock. CHAPIN BROS., Lincoln, Neb.

Ferns—Bostons, fine stock, 4-in. pots, $7.00; 2½-in., $2.00. Swords, 4-in. pots, $5.00.
C. M. NIUFFER, Springfield, Ohio.

Boston ferns, 6-in. pots, 40c.
Godfrey Aschmann, 1012 Ontar St., Philadelphia, Pa.

BOSTON FERNS, 6-in., $6.00 doz. Ferns for fern dishes, 2 and 2½-in., 2½c.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns; fine stock; all sizes.
GEO. A. KUHL, Pekin, Ill.

FEVERFEW.

Strong rooted cuttings of feverfew, Little Gem, 75c 100.
Buckley Plant Co., Springfield, Ill.

FORGET-ME-NOTS.

Forget-me-nots, large-flowering, blue, 2¼-in., $3.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

FUCHSIAS.

Fuchsias, in variety, 2¼-in., $3.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

GARDENIAS.

Gardenias, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIEBRECHT & SON, New Rochelle, N. Y.

GERANIUMS.

Geraniums. Select, well-rooted cuttings, true to name. S. A. Nutt, Acteon, Mme. Buchner, Countesse de Castries, Countesse de Harcourt, $1.00 per 100; $9.50 per 1000. Beaute Poitevine, Alphonse Ricard, Pasteur, $1.25 per 100; $12.00 per 1000. Jean Viaud, Mme. Landry, Le Soleil, $1.50 per 100. C. B. Schisler, Williamsville, N. Y.

Geraniums. Extra strong, rooted cuttings, true to name. Viaud, $2.00 100, $18.00 1000. Nutt, Riccard, Poitevine, Hill, Jaulin, Bruant, Duchess of Orleans, Morton, $1.50 100; $14.00 1000. BUCKLEY PLANT CO., Springfield, Ill.

Good, strong, well-rooted geranium cuttings of S. A. Nutt, La Favorite, R. R. Gosselin and an extra fine dbl. scarlet at $1.50 per 100; $14.00 per 1000. E. Gattell and Paul Bruant, $1.25 per 100. Cash with order. Logan Ave. Greenhouses, R. R. No. 2, Danville, Ill.

Rooted geranium cuttings. Send a list of what you need for prices. Jan. and Feb. delivery. Surplus now of Buchner, double white, and Heteranthe, double scarlet, at $1.25 100; $10.00 1000.
ALBERT M. HERR, Lancaster, Pa.

Several thousand rooted cuttings of dbl. Gen. Grant geraniums at $1.00 per 100, express prepaid. Also several hundred S. A. Nutt and Grant from 2½-in. pots, $1.50 per 100.
F. E. BONHAM, Macomb, Ill.

Geranium cuttings of Bruant, La Favorite, and a few other varieties, 75c 100.
OLSSON & SEIDERS, Austin, Texas.

Geraniums, good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Walnut-scented geraniums, 400 in 2½-in. pots, $2.00 per 100. Cash.
M. W. Walters, Bettsville, Ohio.

Geraniums, including best scarlet, 2¼-in., $2.00 100.
Mayer & Son, Willow Street, Lanc. Co., Pa.

Geraniums, 10 varieties, 2-in. pots, $2.50 100. Cash. JOS. H. CUNNINGHAM, Delaware, O.

Strong apple geraniums, 2½-in., $3.00 100.
H. STEINMETZ, Raleigh, N. C.

Geraniums. Rooted cuttings and 2½-in.
GEO. A. KUHL, Pekin, Ill.

GLADIOLI.

Gladioli. Groff's Hybrid seedlings, Groff's World's Best, white, light and yellow; Florists' white and light, Augusta, May, Ceres, Monnerett, Marie Lemoine, mixed Gandavensis. All sizes. Write for prices.
MRS. A. H. AUSTIN, Charlestown, Ohio.

Gladioli May, large bulbs, 30,000, $7.00 1000. May, ½ and less, extra nice, 100,000, $2.50 1000. May bulblets, 10c 1000. Terms: ¼ cash with order; balance when bulbs are wanted.
P. O. Coblentz, New Madison, O.

Headquarters for gladioli. Over 80 acres under cultivation the past summer. Send for our catalogue of GLADIOLI and other summer-flowering bulbs.
JOHN LEWIS CHILDS, Floral Park, N. Y.

Gladioli bulbs, Shakespeare, Augusta, Isaac Buchanan, May, Mrs. Beecher, Ben Hur, Brenchleyensis; also No. 1900 at reduced price. John Fay Kennell, Box 405, Rochester, N. Y.

GLADIOLI. The finest collection in America; named sorts; mixtures. Betscher's new hybrids, Childsii, Groff's, Lemoinei, etc.
C. BETSCHER, Canal Dover, Ohio.

100,000 seedling gladioli, ¼ to ⅝, at $1.00 and $2.50 1000. A few thousand Park Hybrids at $20.00 1000.
Michigan Seed Co., South Haven, Mich.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

HARDY PLANTS.

Anemenes—Japonica alba, $6 100; elegantissima, a new variety, $10.00 100; Lady Ardilaun, $8.00 100; Queen Charlotte, $8.00 100; rosea superba, $12.00 100. Phalaris arundinacea variegata, remains white and green through the season; effective as a border plant; large field-grown clumps, $6.00 100. Pyrethrum (hybridum), colora range from pure white to deep blue; field-grown, $8.00 100. Tritoma uvaria grandiflora, strong divisions, $5.00 100. Valeriana officinalis (garden heliotrope), strong divisions, $5.00 100.
N. SMITH & SON, Adrian, Mich.

Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.
We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
VICK & HILL CO., Rochester, N. Y.

The largest collection of Hardy Native American Plants in the world. New and rare sorts. Unique illustrated catalogue filled with original half-tones, wholesale and bulb lists free.
HARLAN P. KELSEY,
Tremont Bldg., Boston, Mass.
Proprietor Highlands Nursery, 3800 ft. elevation in the Carolina mountains.

Spiraea Anthony Waterer for Easter forcing, 2-yr.-old, $7.00 100. Hydraoges grandiflora paniculata, 4-yr., 4 ft., 15c; 2-yr., 10c. Tritoma avaria grandiflora, strong field divisions, $5.00 per 100. 10,000 shrubs and vines; send for list. Cash, please.
BENJ. CONNELL, West Grove, Pa.

I have from 50 to 150,000 of each of the seedlings named below, which I offer for immediate delivery.

CATALPAS—		100	1,000
Speciosa (true)	6 to 12 inches	$0.30	$2.00
	12 to 24 inches	.40	3.00
Tea'a Japan,	1 to 2 feet	.40	3.00
	2 to 4	.50	4.00
	4 to 8	4.00	
Kaemfera,	1 to 2	.40	3.00
	2 to 4	.50	4.00
	4 to 7	4.00	
BOX ELDER,	6 to 12 inches	.30	1.50
	1 to 2 feet	.40	3.00
	2 to 4	.60	5.00
BLACK LOCUST,	6 to 12 inches	.30	1.25
	1 to 2 feet	.40	2.00
	2 to 3	.50	3.50
	3 to 5	.60	4.50
RED BUD,	4 to 6 inches	.20	1.25
	6 to 12	.30	2.50
	12 to 24	.50	4.00
	2 to 4 feet	1.00	8.00
GREEN ASH, 1 yr.,	6 to12 inches	.30	2.00
	1 to 2 feet	.40	3.00
	2 to 4	1.00	9.00
ABIES CANADENSIS, hemlock—			
	6 to 12 inches	.50	4.00
	1 to 2 feet	1.00	8.00
JUNIPERUS VIRGINIANA, red cedar—			
	6 to 12 inches	.60	3.00
	1 to 2 feet	1.00	5.00
HORSE CHESTNUT, white flowered—			
	6 to 12 inches	.60	5.00
PERSIMMON,			
American, 1 yr.,	6 to 12 inches	.40	3.00
RUSSIAN MULBERRY—			
	4 to 8 inches	.15	.90
	8 to 14	.25	1.50
	1 to 2 feet	.40	3.00
BLACK MULBERRY—			
	6 to 12 inches	.40	3.00
	1 to 2 feet	.60	4.00
CHINESE WHITE WISTARIA—			
	6 to 8 inches	3.00	
TRUMPET FLOWER—			
	1 to 2 feet	.50	4.00
TULIP POPLAR—			
	4 to 6 inches	.30	1.50
	6 to 12	.40	3.00
SYCAMORE PLANE TREE,			
	4 to 6 inches	.30	1.50
	6 to 12	.40	3.00
BLACK, or Marsh Willow,			
	1 to 2 feet	.30	2.50
	2 to 3 feet	.50	4.00

The above prices are for immediate orders. Send for seed and seedling list of trees and shrubs. I have about 40 lbs. nice clean Abies canadensis (hemlock), seed at $2.00 per lb., or 10 lbs. for $16.00, while they last.
J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Plants for Florists' use. Per 100
Funkia undulata variegata, the true variety, strong plant.....$6 00
Phlox, Coquelicot, new crimson scarlet, all field-grown plants..... 8 00
Phlox, new varieties, choice kinds..... 8 00
Phlox, older varieties, best kinds..... 6 00
Deutzia Lemoinei, 8 to 10 shoots, extra.. 8 00
Deutzia Lemoinei, 2½-in., extra, for forcing 6 00
Deutzia gracilis rosea, strong, 2 feet, elegant for forcing..... 8 00
Peonies in variety. We were awarded a Silver Medal at the Pan-American for the largest collection of cut flowers.
Flowering shrubs in general assortment, roses, clematis, etc., etc.
John Charlton & Sons, University Avenue Nurseries, Rochester, N. Y.

Ligustrum Regelianum (Prostrate privet). A variety of merit. Much hardier than California. Largest stock in America. All sizes. Transplanted. Andorra Nurseries, Wm. Warner Harper, Prop., Chestnut Hill, Philadelphia, Pa.

Irish junipers, 3-ft. trees, $15.00 100, $125.00 1,000; 3½ to 4 ft., $20.00 100, $150.00 1,000; extra heavy, 4 to 4½ ft., $25.00 100. Savin junipers, 2½ ft., $15.00 100. Boxing at cost. Cash. JOSEPH HEINL, Jacksonville, Ill.

Ash, Norway and Silver Maples, 3 to 6 inches in diam. Also large blocks of shrubs and vines in good varieties.
ELIZABETH NURSERY CO., Elizabeth, N. J.

Citrus trifoliata, best defensive hedge plant. Strong 2-yr.-old, field-grown, $15.00 1000; 3-yr.-old, $20.00 1000.
P. J. BERCKMANS Co., Augusta, Ga.

HARDY PINKS.—Comet, Earl of Carlisle, May, Souv. de Sale and Gertrude, field-clumps, $6.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Native ornamental trees, shrubs, hardy perennials, vines, ferns, etc. Send for price list.
Sackett Bros. Nurseries, Lebanon Springs, N. Y.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
W. & T. SMITH CO., Geneva, N. Y.

Large-flowering perennial phlox, 2-yr.-old clumps, all good bright colors, $3.00 100; 200 $5.00. C. G. Nanz, Owensboro, Ky.

Iris Kaempferi. Selected kinds, 75c per doz.; $4.00 per 100. Cash with order.
J. H. Rainsbury, Bernardsville, N. J.

Hardy phlox, mixed colors, good varieties, $3.00 100. Jos. Dunn, Orr's Mills, N. Y.

Special discount of 10 per cent from these low prices for cash with order.

All the stock is field grown except where pots are indicated by size of pot or letter "p," the latter meaning 3½-inch pots:

	Per 100.
800 Achillea, The Pearl, p.	$3.00
600 Achillea roseum, p.	3.00
500 Adonis vernalis, 2-in. pots.	2.00
800 Agrostemma coronaria and Flos Jovis.	4.00
500 Anemone sylvestris, p.	3.00
800 Anemone J. rubra, p.	3.00
200 Apios tuberosa, p.	3.00
400 Armeria maritima, p.	3.00
100 Artimisia abrotanum, p.	3.00
300 Astilbe japonica	4.00
500 Alyssum saxatile, 2-in. pots.	3.00
100 Anthemis Kelwayii, p.	3.00
200 Aster Novae Anglae, p.	3.00
200 Aster alpinus, p.	3.00
3000 Aster pyramidalis, p.	3.00
1000 Bocconia cordata	4.00
400 Clematis Davidiana, p.	3.00
1000 Campanula pyramidalis	4.00
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Bone Meal, best for roses and carnations, at $3.50 per 200 lb. bag, or $32.50 per ton.
ALBERT M. HERR, Lancaster, Pa.

BUSINESS BRINGERS—
REVIEW Classified Advs.

FLORAL DESIGNS.

Wax Flowers and Wax Floral Designs.
J. Stern, 1928 Germantown Ave., Phila., Pa.

GALAX LEAVES.

New crop Galax will soon be ready. $7.00 per 500 case. Order at once of the INTRODUCER.
HARLAN P. KELSEY,
Tremont Bldg., Boston, Mass.
Proprietor Highlands Nursery, 3800 ft. elevation in the Carolina mountains.

GALAX LEAVES, green or bronze. Prime quality, right price. Order now for holidays.
C. W. Burleson & Son, Linville, N. C.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GALAX LEAVES. Bronze, $1.25 1000; green, $1.00 1000.
A. J. Fellouris, 468 6th Ave., New York.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
WOODRUFF & MILES, Cherry Lane, N. C.

GLASS, ETC.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass.
WHEELER-STENZEL CO.,
30 Sudbury St., Boston, Mass.

Florists' Specialties in Glass, Paint and Putty. Instructive advertising free for the asking. Write JOHN LUCAS & CO., Philadelphia, Pa.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 10 Desbrosses St., New York.

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BUSINESS BRINGERS—
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GOLD FISH.

Choice still-water gold fish. Assorted in sizes and colors, $7.50 100. Imported high-grade Opria singing canaries, $2.75 each, $24.00 doz. Mexican and South American parrots, $10.00 to $15.00 each; warranted to make talkers. Also parrot cages, brass canary cages, fish globes, aquariums, ornaments, etc.
PEASE BIRD STORE, Reading, Pa.

Six beautiful goldfish, $1.00. Express prepaid in U. S.
DONKER, 148 Columbus Ave., New York.

HOSE.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

DUNNITE, a formula for preventing and remedying BLACK SPOT on rose plants. Write us. Dunne & Co., 54 West 30th St., New York.

Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

Tobacco stems, fresh and strong, bale of 300 lbs., $1.50. W. C. Beckert, Allegheny, Pa.

MISTLETOE.

Mistletoe. Silliman's EVERY-SPRIG-BERRIED brand. Now booking orders for holiday shipment. Write for prices. Address home office. A. B. Silliman & Co., Boone, Iowa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

SPHAGNUM MOSS.

Sphagnum moss of first quality. Can ship at a moment's notice—2 bales, $1.50; 10-bale lots, $6.00. Z. K. Jewett & Co., Sparta, Wis.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

TIN FOIL

American brand FLORIST FOIL—The standard foil of America.
John J. Crooke Co., 186 Grand St., New York.

WIRE SUPPORTS.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Galvanized wire flower stakes. Any length or size desired.
John A. Roebling's Sons Co., 171 Lake St., Chicago.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson,
45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York,
Manufacturers of Wire Designs.

FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

CINCINNATI.

The cool spell, which arrived the first of last week, proved to be of short duration; but fortunately it had the desired effect of shortening the supply of both roses and carnations.

Carnations came in freely, which put down the price considerably before they could be moved. Even the better grades suffered some, but not to any great extent.

Chrysanthemums in all colors, sizes and shapes are coming in in vast quantities. They sell very well and at a price that, all things considered, is very good.

George & Allan are now cutting both Romans and narcissus. They sell at $4 per 100. Violets are now much sought after and a very good supply is available, both single and double. The single ones seem to have the call.

Business is averaging very good. Many wedding decorations are booked for this week. Julius Baer has one in which he will use many hundred Bonnaffons. This mum is being grown very largely this year and as usual sells well.

Saturday was the regular meeting of the Cincinnati Florists' Society, also the annual chrysanthemum show. The show was first-class and among the great number of blooms shown there was not one that was not all that could be desired.

The judges were C. J. Jones, T. W. Hardesty and R. A. Kelly. The competition for best vase of Bonnaffons was close and it was almost a toss up which vase would win. The winners were as follows: Vase white mums—R. Witterstaetter, 1st with Chadwick and 3rd with Eaton; the E. G. Hill Co. 2nd with Eaton. Vase pink—Wm. Rodgers 1st, 2nd and 3rd, with Perrin. The E. G. Hill Co. had Mlle. Marie Liger entered in this class, but the judges considered Perrin good enough to beat it for all prizes. Vase yellow—R. Witterstaeter, 1st and 2nd with Col. D. Appleton; the E. G. Hill Co., 3rd with Eaton. Vase Bonnaffon—The E. G. Hill Co., 1st; R. Witterstaeter, 2nd; W. Rodgers, 3rd.

General display went to R. Witterstaeter, who staged, beside mums, several vases containing over one hundred of this year's seedlings, every one of which showed good qualities. Two vases of Enquirers were in first-class shape.

George & Allan made a very creditable display, including chrysanthemums, roses, Romans, narcissus and valley, the latter being very fine. They also staged in competition for the S. A. F. O. H. medals a plant of adiantum, which, although it closely resembled cuneatum, is a vast improvement over it.

J. A. Peterson staged a vase of Lawson which contained 100 blooms. The judges awarded it a certificate of merit.

W. Murphy showed a vase of Murphy's White, which was in very good shape. Henry Schwarz had a vase of Appleton which were very good.

The press committee did some good work and a very large crowd was the result. These shows are always free to the public and this time there were very close to five thousand people who passed through the club rooms to see the chrysanthemums.

In the evening the society meeting was held, but very little business was done. L. H. Kirk was voted into the club. A motion to hold a general show on the second Saturday of December was referred to the show committee with power to act.

Ben George was officer of the day, but we failed to see the swallow tail and stove-pipe hat. All flowers securing prizes became the property of the society and E. G. Gillett was appointed to dispose of them to best advantage.

Frank Snyder, formerly of Gallipolis, Ohio, is now with J. A. Peterson, at Westwood.

Jim Allan, who has been spending a month's vacation in Boston, is expected home this week.

B. Eschner, of Philadelphia, was a caller.

R. Witterstaetter will take in the Chicago show. C. J. OHMER.

THE photographs of the Kansas City show that were reproduced in our last issue were by Davidson, the photographer, Kansas City, from whom duplicates may be obtained if desired.

INQUIRERS should bear in mind that it is necessary to attach their real name and address to inquiries, though only initials or a pseudonym may be used for publication. We cannot give attention to inquiries from unknown parties.

Is your time of any value? If so you can save a good deal of it by looking up any stock you may want in our classified advs. It is the quickest, shortest and most economical way.

WHITE CARNATIONS

WILL SOON BE IN DEMAND, WHEN MUMS ARE GONE.

Murphy's White

The coming commercial carnation is standing the test on long shipments to Chicago, Buffalo, Pittsburg, and St. Louis. It is a bloomer, or we could not keep up the supply we have since Aug. 15 to date, and still plenty of buds in sight for the Holidays. You will not make a mistake in stocking up on this variety. Rooted Cuttings, $6.00 per 100; $50.00 per 1000. $45.00 on 5000 and $40.00 on 10,000 lots. We are headquarters for Carnation Blooms in Cincinnati. Try us on a shipment.

Long Distance Telephone 4411. WRITE OR WIRE.

WM. MURPHY, 130 East 3rd Street, Cincinnati, Ohio.

WHOLESALE CARNATION GROWER.

Mention The Review when you write.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings, sports and new importations:

Chicago, Nov. 8th.—Nathan Smith & Son, Adrian, Mich., exhibited No. 5, a yellow variety, which scored 75 points commercial scale.

Philadelphia, Nov. 8th.—Wm. Paul Binder, Rider, Md., exhibited Mrs. Harry V. Casey, silver pink, Japanese, incurved, which scored 87 points commercial scale, 87 points exhibition scale.

Cincinnati, Nov. 8th.—Nathan Smith & Son exhibited Jersey Cream, cream incurved, Japanese, "Bonnaffon" type, which scored 87 points commercial scale; Algoma, by same exhibitors, pink Japanese, incurved, scored 86 points commercial scale.

The varieties exhibited under number by John N. May on October 25th have been named as follows: No. 11, Henry Sinclair; No. 15, Amorita.

All information for publication respecting exhibits of seedling chrysanthemums, sports or new importations, according to the rules adopted by the C. S. A., can only be made public through the secretary.

Edwin Lonsdale, Secretary.

The Lake Erie & Western railroad is preparing to plant on available tracts of land along its right of way an immense number of trees, to be used when they have attained suitable size, for railroad ties. The expense for ties for a railroad system is something gigantic, each tie when laid in the track costing something near $1, and the price is constantly increasing as timber becomes more scarce. F. G. Miller, assistant forestry expert in the Bureau of Forestry at Washington, has been conferring with the officials of the road concerning the undertaking.

Joliet, Ill.—Mr. and Mrs. Wilson M. Tiplady welcomed a daughter October 29. She has been named Enchantress. Mother and child doing well.

Lafayette, Ind.—Geo. W. Spitzer, of the Hogan-Johnson Drug Company, is building on his west side property a greenhouse to cost $2,000.

Marengo, Ill.—C. W. Prescott, the nurseryman, has admitted his son William to partnership and the firm name will be C. W. Prescott & Son.

Azaleas at Import Prices.

We are still supplying Azaleas at import prices. If you have not yet secured your supplies you should place your order at once as prices will be advanced as soon as the stock is potted up. Our sales on Azaleas have been greater this season than ever and have given universal satisfaction.

10 to 12-inch crowns, bushy plants	$ 4.50 per doz.	$ 35.00 per 100
12 to 14-inch " " "	6.00 "	45.00 "
14 to 16-inch " " "	7.50 "	55.00 "
16 to 18-inch " " "	12.00 "	90.00 "
18 to 20-inch " " "	25.00 "	200.00 "
20 to 24-inch " " "	36.00 "	300.00 "

We can still include 10 per cent Mme. Van der Cruyssen in assorted lots, this variety being very scarce this season.

HENRY A. DREER, 714 Chestnut St., Philadelphia.

Mention The Review when you write.

Headquarters for

GLADIOLI

Over eighty acres under cultivation during the past summer.

Unquestionably we have the largest and finest stock in existence, from which we supply the world.

Write for **SPECIAL PRICES** on large quantities.

Wholesale Catalogue of **GLADIOLI** and other Summer Flowering Bulbs mailed free on application.

John Lewis Childs,

FLORAL PARK, L. I., N. Y.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of Ornamental Trees, Shrubs, Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

CARNATIONS!

12,000 strong healthy field-grown plants.

	Per 100	Per 1000
Bradt	$7.00	$60.00
Marquis	6.00	50.00
Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

250 of one variety at 1000 rate.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

Mention The Review when you write.

MISS LOUISE FABER

The longest stemmed carnation in existence. Its fragrance and blooming qualities are second to none. Color a bright pink. Flowers measure 3 to 3½ inches, and stems 3½ to 4 feet. Received a certificate of merit at the summer exhibition of the Pacific Coast Horticultural Society in San Francisco. Prices: $2.00 per 12; $10.00 per 100; $75.00 per 1000; $500.00 per 10,000. Orders filled in rotation, beginning Feb. 1.

FICK & FABER,

SAN MATEO, CAL.

Mention The Review when you write.

ALL THE BEST CARNATIONS

LEADING NOVELTIES OF 1903.
The Best Varieties of 1902.
All the Standard Varieties.

Send in your orders for Rooted Cuttings **now.**

GEO. HANCOCK & SON, Grand Haven, Mich.

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OUR NEW Chrysanthemum...

F. J. TAGGART.

Winner of the $150 prize for most novel American Seedling. Also awarded Gold Medal.

Will have a strong collection of sterling novelties.

Nathan Smith & Son, Adrian, Mich.

NO MATTER WHAT KIND OF STOCK YOU MAY GROW,

Roses, Carnations, Lilies, Chrysanthemums, Ferns, Palms, or what not,

"ROSE LEAF"

EXTRACT OF TOBACCO INSECTICIDE

WILL SAVE YOU MONEY.

As compared with other remedies, a practical test will certainly convince you that "ROSE LEAF" is the **BEST** and

BY FAR THE CHEAPEST general insecticide on the market. For sale by all seedsmen. For free booklet write to

THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Mention The Review when you write.

Verbena King.

Headquarters for Verbenas. We grow more than anybody. 45 of the best select Mammoth, named varieties, at 60c per 100; $5.00 per 1000; 5000 for $28.00; 10,000 for $40.00.

Heliotropes—10 best named varieties, $1.00 per 100; $8.00 per 1000.

Daisies—4 best named varieties, $1.00 per 100; $8.00 per 1000.

Petunias—small double white, a free bloomer, a splendid bedder, $1.25 per 100; $10.00 per 1000.

Express prepaid. Satisfaction guaranteed in every respect. That cash please or C. O. D.

C. HUMFELD, CLAY CENTER, KAN.

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The Cottage Gardens,

QUEENS, L. I., N. Y.

Send for Price List of

Peonies, Herbaceous Plants, Phlox, Azaleas, Specimen Trees and Shrubs.

Leaflet Park

"Glads"

TRADE MARK

100,000 Seedling Gladioli,

¾ to ⅝, at $1.00 and $2.50 per 1000.

100,000 Oxalis Deppi!

at 50 cts. per 1000.

A few thousand Park Hybrids

at $20.00 per 1000. Finest on the market.

Our Regular Mixed Stock and Leaflet Park Mixtures all sold.

MICHIGAN SEED CO.

SOUTH HAVEN, MICH.

Mention The Review when you write.

Burpee's Seeds Grow

Two Sterling Novelties!

ADONIS—A free, vigorous and early blooming carnation. Flowers a superb scarlet, large and full. This carnation is in a class by itself. The finest scarlet ever sent out.

DISTRIBUTION OF YOUNG STOCK WILL COMMENCE IN FEBRUARY 1903.

YELLOW EATON—The chrysanthemum of the year. This grand novelty is a sport from the white variety, Timothy Eaton, which it resembles, except in color, and is a rich deep yellow.

DISTRIBUTION OF YOUNG STOCK COMMENCES IN MARCH 1903.

ROBERT CRAIG & SON, Market and 49th Streets, **Philadelphia.**

Mention The Review when you write.

ST. PAUL.

Chrysanthemum Show.

The flower show, under the auspices of the Ladies' Auxiliary of the N. W. Manufacturers' Association, opened November 10, most auspiciously on time, with a fine exhibit made by local florists and two private growers.

This is the first attempt at holding a flower show in this city in several years, and much credit is due to the ladies who planned the exhibition.

The awards were as follows:

Collection of single stem chrysanthemums, any color—1st, L. L. May & Co., $25.00; 2nd, Holm & Olsen, $10.00. Collection chrysanthemum plants, 1st, Holm & Olsen, $15.00; 2nd, L. L. May & Co., $10.00; 3rd, Vogt Bros., $5.00. Collection of cut flowers, 1st, L. L. May & Co., $10.00. Basket or design, 1st, Holm & Olsen, $25.00; 2nd, E. F. Lemke, $15.00. Collection of orchids, Dr. R. Schiffman, $25.00. Collection of crotons and foliage plants, 1st, L. L. May & Co., $15.00; 2nd, E. F. Lemke, $5.00. Collection of cut roses, not less than 12 kinds, Minneapolis Floral Co., $20.00. Designs or baskets of cut flowers, Windmiller & Co., Mankato, $10.00; R. J. Mendenhall, Minneapolis, $10.00; one prize equally divided. Aug. S. Swanson, and A. Hallstrom, gardener for J. J. Hill, made fine displays not for competition. In my next I hope to describe the different exhibits in detail. N. Y. Z.

An Iowa nursery agent has been posing as a representative of the Experiment Station at Ames, and obtained orders upon the strength of this alleged connection. The matter was called to the attention of Professor Price, who expresses the hope that the man will be prosecuted to the extent of the law.

Shenandoah, Ia.—D. S. Lake is building an immense packing shed. It will be 130x195 feet, with an "L" 75x164 feet. The side walls will be 14 feet high and 20 inches thick, with an air space. Switches from the railroad tracks will be run into the building, and cars will be loaded under cover. The building will cover practically an acre of ground.

The Florists' Manual is a fine work, and we are sure you will have orders for more after a few of the florists here have seen it.—Martin & Forbes, Portland, Oregon.

Rooted Cuttings READY Dec. 1.

	Doz.	100	1000
Gov. Wolcott, white	$0.60	$4.00	$35.00
Alba, white	.60	4.00	35.00
Golden Beauty, yellow	.60	4.00	35.00
Violania, variegated	1.25	9.00	75.00
Mrs. Palmer, scarlet	.60	4.00	35.00
Mrs. Higinbotham, light pink	.60	4.00	35.00
J. H. Manley, scarlet	.60	4.00	35.00
Viola Allen, variegated	.60	4.00	35.00
Gaiety, fine variegated	.60	4.00	35.00
Harry Fenn, crimson	.60	4.00	35.00
Apollo, scarlet	.60	4.00	35.00
Dorothy Whitney, yellow	.65	4.60	40.00
Stella, Dorner's variegated	.60	4.00	35.00
Corbett, salmon	.40	3.00	25.00
Dorothy, pink	.50	3.00	25.00
Chicot, white	.50	3.00	25.00
Gov. Roosevelt, maroon	.35	2.50	20.00
Prosperity, white-splashed pink	.35	2.50	20.00
Norway, white	.30	2.00	15.00
Lorna, white	.30	2.00	15.00

	Doz.	100	1000
Gold Nugget, yellow	$0,30	$2.00	$15.00
Lawson, pink	.30	2.00	15.00
Bon H. Richard, white	.30	2.00	15.00
Morning Glory, shell pink	.30	2.00	15.00
Egypt, maroon	.30	2.00	15.00
Queen Louise, white	.30	2.00	15.00
America, scarlet	.15	1.00	10.00
Crane, scarlet	.15	1.00	10 00
Genevieve Lord, light pink	.15	1.00	10,00
Evanston, red	.15	1.00	10.00
Tidal Wave, pink	.15	1.00	10.00
Joost, pink	.15	1.00	10.00
Mermaid, salmon, fine	.15	1.00	10.00
Portia, scarlet	.15	1.00	10.00
Armazindy, variegated	.15	1.00	10.00
Lizzie McGowan, white	.15	1.00	10.00
Wm. Scott, pink	.15	1 00	10.00
Marquis, light pink	.15	1.00	10.00
Argyle, pink	.15	1.00	10.00
Eldorado, yellow	.15	1.00	10.00
Gen. Maceo, maroon	.15	1.00	10.00

WRITE FOR PRICES ON LARGE LOTS.

6 at 12 rate, 25 at 100 rate, 250 at 1000 rate. Terms, spot cash, prepaid to your city at above prices. All rooted cuttings sold under express conditions that if not satisfactory on arrival, return immediately, when money will be refunded.

Unrooted Cuttings or Pips at one-half the price of Rooted Cuttings.

California Carnation Co.

LOOMIS, Placer County, CAL.

Mention The Review when you write.

..GERANIUMS..

Good Assortment, Standard Varieties, from 2¼-in. pots, **$2.00** per 100.

	100
Giant Double Alyssum, 2¼-inch pots	$2.00
Dwarf " " 2¼-inch pots	2.00
Hardy English Ivy, 2¼-inch pots	2.00
Hardy English Ivy, rooted cuttings, $5.00 1,000	.75
Swainsona Alba, 2¼-inch pots	2.00
Baby Primrose, 2¼-inch pots	2.00
Lemon Verbena, 2¼-inch pots	2.50
Ageratums—Stella Gurney and Dwarf White, 2¼-inch pots	2.00
Abutilon, in variety, 2¼-inch pots	2.50
Alternanthera, in variety, 2¼-inch pots	2.00
Coleus, in variety, 2¼-inch pots	2.00
Lantana, 10 varieties, 2¼-inch pots	2.00
Smilax, 2¼-inch pots	2.00
Salvia Silver Spot, 2¼-inch pots	2.00
Forget me Not, large-flowering, blue, 2¼-inch pots	3.00
Fuchsia, in variety, 2¼-inch pots	3.00

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

EXCELSIOR PEARL TUBEROSE and Caladium Esculentum Bulbs

For DECEMBER and JANUARY DELIVERY.

JOHN F. CROOM & BRO.

GROWERS, MAGNOLIA, N. C.

Mention The Review when you write.

THE PERFECT FLOWER POT HANDLE and HANGER.

Is used for lifting plants out of jardinieres, also for hanging up plants for decorations on walls, etc. Will sustain a weight of 100 lbs.

No. 1 will fit from 2 to 5-in. pots, per doz., **30c.** No. 2 will fit from 5 to 8-inch pots, per doz., **40c.** No. 3 will fit from 8 to 12-in. pots, per doz., **50c.** Postage, 10c extra per doz. Sample pair, **10c** postpaid.

For sale by all Florists' Supply Dealers.

W. C. KRICK,

1287 Broadway, BROOKLYN, N. Y.

Stock Plants -- Chrysanthemums -- "Estelle."

The early wonder, Pure White, very large. Ready to cut Oct. 4. Sport of Glory Pacific, longer stem, better foliage, builds high in center. Awarded Certificate of A. C. S., at Cincinnati, Oct. 18, 1902. Grown and Owned by H. M. Altick, Dayton, O.

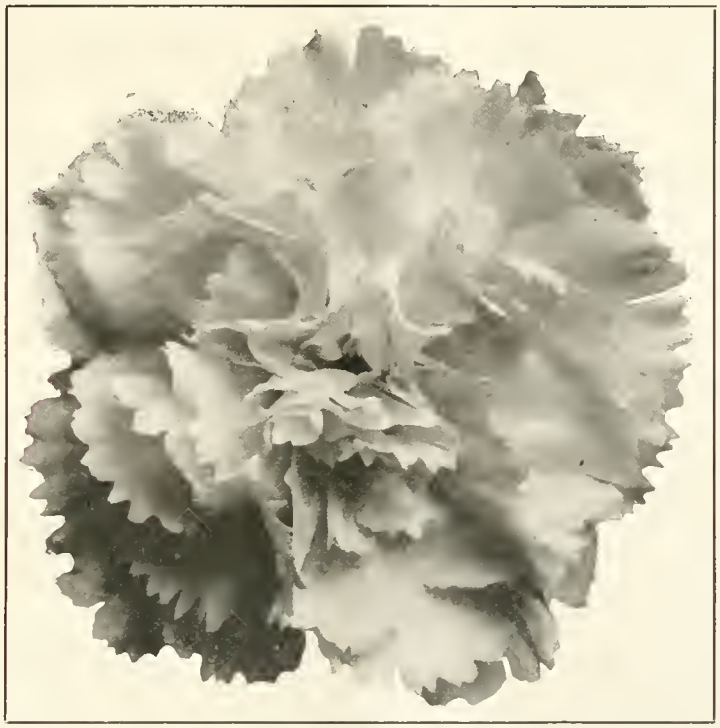
50c each; **$5.00** per doz.; ½ doz. at doz. rate. (Cash with order.)

For sale by **E. G GILLETT,** Wholesale Florist, **113 East Third St., CINCINNATI, O.**

Mention The Review when you write.

LILLIAN POND

AT THE GREAT NEW YORK FLOWER SHOW IT SCORED **94 POINTS!**



AT THE GREAT NEW YORK FLOWER SHOW IT WAS AWARDED **FIRST PRIZE!**

PLACE YOUR ORDERS AT ONCE.

You need this grand variety. It cannot be beaten in habit and growth. Extra early and free.

It will bring you more money to the square foot than any white carnation you have ever grown.

MR. S. J. REUTER, Westerly, R. I.

We have had the exclusive sale of the Lillian Pond during the past four years. There is no other white carnation shipped us that is so much in demand as the Lillian Pond. It was always ordered in advance at a price in excess of other white carnations. It is a good commercial flower; stands handling and shipping well; large, fine form; strong stems; a good keeper and very fragrant. WELCH BROS.

MR. S. J. REUTER, Westerly, R. I.

Dear Sir: Please book my order for 50 Lillian Pond carnation for a start—will require more later. I consider this the best white carnation on the market today. We have handled it in large numbers in our cut flower trade through Welch Bros. of Boston, and we can easily get fifteen cents more than for any other kind per dozen. I am pleased to have the chance of getting some of the stock for myself, for it is certainly "a stunner" and will keep its place with any of the "novelties" coming out this season. We have plenty of good ones in other colors, but we wanted a good white, and I certainly feel as if your Lillian Pond fills the bill. I certainly wish you every success with it. I remain,

Respectfully yours,
ALEXANDER EMSLIE.

MR. S. J. REUTER, Westerly, R. I.

Dear Sir: We handled the Lillian Pond last year and we think it is the very best white pink on the market today. Its keeping qualities are unsurpassed.

Yours truly, THORNTON BROS.,
Lawrence, Mass.

MR. S. J. REUTER, Westerly, R. I.

Dear Sir: I consider the Lillian Pond to be the best selling white pink in the market. Having handled it two years would highly recommend it to growers as a first-class variety in every way. Yours very truly,
JOHN McKENZIE.

S. J. REUTER, WESTERLY, R. I.

ALEXANDER McCONNELL

FLORIST

546 FIFTH AVENUE, Corner 45th Street, N. W.

NEW YORK CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe.

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Cable Address: ALEXCONNELL.
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TORONTO.

Trade dropped off considerably during Thursday and Friday of last week, but the extra fine weather of Saturday helped to run off a lot of the surplus stock, although we believe that the continual rush of mums will have a tendency to overload the market for a few days, and we hear on all sides that "the last bunch of chrysanthemums are just lovely yet," which those of the trade recognize as one of the reasons why mums usually kill the cut flower market after they have been in abont three weeks.

We notice a considerable increase in the supply of carnations, and note that some of the large growers are pulling down the price considerably.

Good mums are being sold at from 2 to 8 cents, roses from 1½ to 6 cents and carnations at from 1 to 3 cents. Seeing the kind of stock that is going at so low a figure we wonder where the higher priced stuff comes in. The Timothy Eaton mum is filling the front windows of most of the large stores.

Mr. John Cotterill has just returned home from a deer hunt feeling much recuperated. He reported game scarce but said he had a good time. Mr. Cotterill is cutting some Golden Weddings, which are as fine as any to be seen in the city.

D. J.

WASHINGTON, D. C.

It is reported in the daily press that owing to the removal of the White House conservatories, Mr. Henry Pfister, who has for so many years been head gardener, will no longer be required in that capacity. He has an extended acquaintance in the trade and his many friends will learn with regret that he is no longer to serve in his old position.

Los Angeles, Cal.—Mrs. Theodosia B. Shepherd, of Ventura, Cal., recently addressed two large audiences in this city. In one case her subject was "Care of House Plants," and the second was "New Creations in Flowers and How They Are Made." The two lectures were most favorably mentioned by the local press.

WELL BOUGHT IS HALF SOLD.

Bouquet Green Holly.....

Evergreen Wreathing, Holly Wreaths, Mistletoe, Etc.

The right kind at the right price, and last, but not least,

We have an unbroken record as HEADQUARTERS. } **at the right time.** { Send us your list of wants for BOTTOM FIGURES.

W. W. BARNARD & CO.,

161 and 163 East Kinzie Street. .....CHICAGO.

Chrysanthemums!

LARGE, STRONG STOCK PLANTS FROM BENCH.

	Each	Doz.		Each	Doz.
Adrian	$0.35	$3.00	Prosperity	$0.25	$2.00
C. Holst	.25	2.00	Providence	.25	2.00
Honesty	.25	2.00			

T. Eaton, Mrs Chamberlain, Chadwick, Appleton, Liberty, Orizaba, Maud Dean, Childs, Lady Roberts, Monrovia.

$1.50 per doz. $8.00 per 100.

Mrs. E. D. Smith, Bergmann, Willow Brook, Merry Monarch, Polly Rose, Glory of the Pacific, Geo. S. Kalb, Ivory, The Queen, Mrs. J. Jones, White Bonnaffon, H. A. Parr, October Sunshine, Robt. Halliday, Bonnaffon, R. H. Pearson, Lady Harriett, Adele, J. K. Shaw,

$1.00 per dozen. $6.00 per 100. 6 plants of one variety at doz. rate; 25 at 100 rate.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

TOBACCO STEMS.

FRESH AND STRONG.

Bale of 300 pounds, $1.50. Cash with order.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

DAHLIAS

Leading Florists' Cut Flower Varieties.

SPECIAL PRICES TO CLOSE OUT SURPLUS

$5.00 per 100: 45 00 per $1000.

Heavy Clumps, just as dug from field, will divide into from 4 to 15 strong roots.

A. D. Livoni. Sea shell pink.
C. W. Brunton. Large yellow.
Nymphaea. Flesh pink.
Prince Charming. Rose pompon.
Snowclad. Pure white pompon.
Wm. Agnew. Dazzling scarlet.

The Elm City Nursery Co.

NEW HAVEN, CONN.

Mention The Review when you write.

Pandanus Veitchii.

Strong plants from 6-inch pots, 18 to 20 inches high above pot, $12.00 a dozen.

JOHN WELSH YOUNG,
GERMANTOWN, PHILADELPHIA, PA.
Upsal Station, Penn. R. R.

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....FOR 1902....

THE FINEST PINK ROSE EVER INTRODUCED.

CANADIAN QUEEN.

Winner of the only Medal given at the New York Flower Show October, 1902, for new rose. This Queen among roses is a sport from Mrs. Pierpont Morgan, possessing all its vigorous habits; stands erect with strong stem and beautiful clean cut foliage. The flower is perfect in form, each petal opening out faultlessly, and in size equals Morgan, being four inches in diameter. The color is a shell pink throughout of exceptional shade that will make it the peer of all other roses in light pink. The plant is most prolific and the keeping qualities are unusually good.

...PRICES...

STRONG PLANTS, 2½-INCH POTS, OWN ROOTS.		GRAFTED PLANTS, 2½-INCH POTS.	
12 Plants	$ 5.00	12 Plants	$ 7.50
100 " (25 at 100 rate)	30.00	100 " (25 at 100 rate)	45.00
1000 " (250 at 1000 rate)	200.00	1000 " (250 at 1000 rate)	300.00
READY FEBRUARY.		READY MARCH.	

Delivered in U. S. A., in quantities of not less than 250, Free of Duty.

MANY ORDERS ALREADY IN. ALL ORDERS FILLED IN ROTATION.

American Florist, report New York Show:—"Canadian Queen from the Dale Estate, Brampton, leads in the novelty section."

The Florists' Exchange, of New York, Nov. 1, 1902:—"Among the new things on exhibition are: The Canadian Queen rose, shown by the Dale Estate, Brampton, Ont., a sport from Mrs. Pierpont Morgan, of a beautiful shade of pink, lighter than that of Mrs. Morgan and a little deeper than the color of Mrs. Oliver Ames. This new-comer is highly spoken of by the rose growers present."

J. B. Keller's Sons, of Rochester, N. Y., write Oct. 20, 1902:—"Of all the pink roses we have ever seen we think this one (Canadian Queen) is the prettiest both in color and shape of flower and beats everything in a pink rose, in our estimation. If it is as good a grower and as free a bloomer as it appears to be it ought to have a phenomenal sale if you intend putting it on the market. We do not know of anything that will compare with it."

T. Young, Jr., of New York, under date of Nov. 4, 1902:—"Gentlemen: The Canadian Queens you have been shipping to me have arrived in the very best of condition, and I like the rose very much. It has been shown to the principal retailers and they all admire it. Its keeping qualities are excellent, and it will no doubt prove a valuable acquisition to the list of good roses and also prove to be a profitable rose to the grower as well as the retailer."

TESTIMONIALS PROFFERED BY A FEW FLORISTS WHO HAVE SEEN THE ROSE.

J. S. Murray, Montreal, Que., writes under date Oct. 2, 1902:—"Dear Sirs: Thank you so much for sending me the new rose, Canadian Queen, which I think lovely and waxy and am sure will be very salable. The color, stem and foliage are beautiful. My customers who saw it to-day seem highly pleased with it. The fragrance, too, is delightful."

Philip Breitmeyer, of Detroit, Mich., Oct. 7, 1902:—"Canadian Queen is rightly named, you should be proud of it. I think it is a grand color. Canadian Queen fills just the want; it will supplant Cusin. To bear out what I say we want as many as we can plant for next season, if you will send it out. Put us on early so as to get an order in."

S. Tidy & Son, Toronto, Canada, say under date Oct. 2, 1902:—"We think the new rose is a lovely color and predict a great success for it, providing it has all the good qualities of the parent, and judging from what we saw of Mrs. Oliver Ames at the spring New York show would say without hesitation that Canadian Queen is in every way its superior."

W. J. Palmer, of Buffalo, N. Y., writes under date Oct. 22, 1902:—"The Queen roses received last night were very fine, could not have been better. Should say that Canadian Queen is a better rose than Morgan or Cusin, and when you get ready to send it out will have to try some of it."

We have had this rose (unknown to the public) for three years but have not exhibited it until now, as we desired to make such a test of its qualities as would warrant us in recommending it to the trade, and we have now no hesitation in saying that it is in every way a more than desirable light pink rose, the best ever sent out and a necessity to any good grower.

DALE ESTATE,

BRAMPTON, ONTARIO, CANADA.

WE HAVE 500,000 SQUARE FEET OF GLASS AND HAVE THE LARGEST AND MOST SUCCESSFUL PURELY CUT FLOWER TRADE IN THE WORLD.

Stumpp & Walter Co

KENTIA SEED!
"JUST RECEIVED."
BELMOREANA ..... $4.00 per 1000.
Per case, 4000 seeds, at.... 3.50 "
COCOS SEED to arrive Jan. 1st, $7.50 per 1000
5000 lots..... 6.00 "
50 BARCLAY STREET,
NEW YORK.
Branch Store, 404 East 34th Street.

PITTSBURG.

No material change has occurred since last week's report, the only change being a decided falling off in roses, which are now somewhat scarce and naturally in big demand. The general tone of the market is somewhat brighter and from now on a steady demand is looked for. Shipping trade is reported as very steady and its continuance can be expected. Reports from all local growers as to stock, and prospects for a good cut for Thanksgiving, are very satisfactory.

The supply of Beauties is still limited, the demand consuming all of them. The quality is very good.

Carnations still remain plentiful, the poorer grades, such as culls, remaining unsold. The standards and fancies find ready sales at fair prices.

Chrysanthemums are now in full sway, and, of course, have somewhat of a depressing effect on other stock. The demand for them is steady. The demand for the medium-sized ones, especially white, such as Ivory, still exceeds the supply. The following local growers who are growing quantities of mums this season are Fred Burki, Theodore Beckert, Wm. Lauch, B. L. Elliott, James Bros. and Charles Hoffmeyer. Some very fine specimens of Golden Wedding, Appleton, Maud Dean, Wanamaker, Perrin, Timothy Eaton, Mayflower and Queen have been sent in by them.

The first paper white narcissus seen this season at the Cut Flower Co.'s were sent in by Charles Koenig.

Julius Ludwig is still cutting some good outdoor cosmos.

C. H. Roney, of Jamestown, N. Y., was a visitor last week.

Ernest Zieger, manager of C. T. Siebert's flower stands in the Liberty Market, was busy last week with funeral work. He reports business very good.

John Britenbaugh, of Milvale, who claims to be the originator of the Little Beauty fuchsia, and Miss Catherine Brown were married last week. They have the best wishes of all the craft.

Frank Faulk, one of the few true sportsmen amongst us florists, spent a few days in the wilds of our nearby mountains, hunting pheasant. He was quite successful, bagging 42 birds. Keep an eye on Snoden, Randolph and Blonde Langhans, boys. Watch them take to the woods with bag and gun!

John Foss is passing around the Perfectos on account of a big, bouncing baby girl, which arrived last week.

Henry Sheaff, Sr., father of Harvey Sheaff, manager of Mrs. E. A. Williams' Penn avenue store, died November 7, at his home in Canonsburg, Pa. Mr. Sheaff served through the civil war in the Tenth Pennsylvania Reserves.

Hoo-Hoo.

LIBERTY, Mo.—Paul Stark has moved his greenhouses to Kansas City, Mo. His address is R. D. No. 4, Kansas City, Mo.

ASPARAGUS SPRENGERI -- FIELD-GROWN.

These plants have short tops and extra strong roots. Are cheaper and give quicker returns than pot-grown stock. $4.00, $6.00 and $8.00 per 100, according to size.

ADIANTUM CAPILLUS VENERIS—One of the best for fern dishes and other decorative work. 2½-inch pots, $3.00 per 100.

ADIANTUM CAPILLUS VENERIS IMBRICATUM—Excellent for filling fern dishes, wide pinnates like Farleyense. 2½-inch, $5.00 per 100.

ANEMONES—Japonica Alba, $6.00 per 100; Elegantissima, a new variety of exceptional merit, $10.00 per 100; Lady Ardilaun, $8.00 per 100; Queen Charlotte, $8.00 per 100; Rosea Superba, $12.00 per 100.

BEGONIA INCARNATA—The most useful begonia for Winter-flowering, 3-in. pots, $8 00 per 100.

CAREX JAP. VARIEGATA—A useful decorative grass, 2¼ inch pots, $2.50 per 100.

CINERARIA STELLATA—From 2 to 4 ft. high. The plants make a most effective display, either as a specimen or in groups. 3-in. pots, $5.00 100.

CYPERUS ALTERNIFOLIUS — Bushy, outdoor grown plants in 3-inch pots, extra strong, ready for a shift, $4.00 per 100.

NEPHROLEPIS DAVALLIOIDES FURCANS—We consider this to be the handsomest fern in cultivation. Has no equal as a Christmas plant. Have a fine lot in 5 and 6 inch pans, $5.00 and $6.00 per doz.

PHALARIS ARUNDINACEA VARIEGATA—Of the variety which retains its bright variegations of white and green throughout the season. Can highly recommend it as an effective border plant. Large field-grown clumps, $6.00 per 100.

PRIMROSES—(Chinese)—Separate colors, white, light pink, scarlet and blue. From the finest imported seed; 3-inch pots, $5.00 per 100.

PTERIS CRETICA ALBO-LINEATA—Variegated, very useful and pretty, 2½-inch pots, $3.00 per 100.

PYRETHRUM—(Hybridum)—Gives the best satisfaction both as to variety of color and freedom of bloom. The colors range from pure white to deep blue; field-grown, $8.00 per 100.

TRITOMA UVARIA GRANDIFLORA—An old stand-by. Strong divisions, $5.00 per 100.

VALERIANA OFFICINALIS—(Garden Heliotrope)—Strong divisions, $5.00 per 100.

VINCA MAJOR VARIEGATA — Large field-grown clumps with 12 to 20 runners. A good seller during the winter. $8.00 per 100.

VIOLETS — CALIFORNIA — Field-grown, second size, $3.00 per 100.

NATHAN SMITH & SON, - ADRIAN, MICH.

Mention The Review when you write.

Cut Flower Boxes

WATERPROOF Corner Lock Style.

The best, strongest and neatest folding cut flower box ever made. Cheap, durable, handy. To try them once is to use them always

DON'T USE OLD STORE BOXES.

If you have any doubt, send for samples, which speak for themselves.

Size No. 1	3x4½x16	$1.75	per 100;	$15.00	per 1000
" No. 2	3x6x18	2.00	"	18.00	"
" No. 3	4x8x18	2.40	"	22.00	"
" No. 4	3x6x20	2.75	"	25.00	"
" No. 5	4x8x22	3.00	"	28.00	"
" No. 6	4x8x28	3.75	"	35.00	"

The Livingston Seed Co., Columbus, O.

Box 104.

Mention The Review when you write.

"DUNNITE" (Trade Mark. Registered) for Roses.

A formula for preventing and remedying Black Spot on Rose Plants. Especially adapted to American Beauty.

Prices: 1 quart glass bottles (boxed), 75c, boxing 10c extra. 1 gallon glass demijohns (boxed), $2 50, boxing 50c extra. 2-gallon glass demijohns (boxed), $4.00, boxing $1.00 extra.

When demijohns are returned cost of same will be deducted from following invoice.

Manufactured only by DUNNE & CO., Horticultural Supplies, 54 West 30th St., NEW YORK.

Mention The Review when you write.

Vegetable ....Plants

CABBAGE—Jersey and Chas. Wakefield, Early and Late Flat Dutch, Succession and Drumhead, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE—Big Boston, Grand Rapids, Boston Market, and other varieties, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY—In varieties, 15 cts. per 100; $1.00 per 1000.

LEEK—15 cts. per 100; $1.00 per 1000.

PARSLEY—Strong, 40c per 100; $1.50 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh Md.

Mention The Review when you write.

PRIMROSES!

CHINESE—Single—Mixed, 2¼-inch pots, $1.50 per 100.

Asparagus Plumosus

2¼-inch pots, $3.00 per 100.

VINCA VINES, var., 3-in. pots, $4.00 per 100.

GERANIUMS—10 varieties, 2-inch pots, $2.50 per 100.

Pansy Plants $2.50 per 1000. 50c per 100.

Cash or C. O. D.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.

Mention The Review when you write.

BRUNNERS

We have a very fine stock of

ULRICH BRUNNER ROSE

from hard wood cuttings, strong plants, clean and thrifty, from 2½-in. pots. No better stock than this can be had at any price. We offer them at $5.00 per 100; $45.00 per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

Palms Home Grown, Fine Clean Stock, Grown Cool.

ASPARAGUS SPRENGERI. 3-inch pots, nice plants, $4.50 per 100.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

Cyclamen Giganteum or Persicum.

Extra fine plants, ready for shifting for Christmas blooming, 3-in., $5.00; 4-in., extra fine, well-budded plants ready for 5-in., $10.00 100. Cinerarias, 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. Primulas—Chinese—3-in., $3.00; 3¼-in., $5.00 100; Obconica—2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100, 200 for $5 00; 3½-in., ready for 5-in., $5.00 100. White Stocks, 2¼-in., $2.00 100. Umbrella Plants, from flats, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Always mention the Florists' Review when writing advertisers.

American Brand
FLORISTS' FOIL

PLAIN, EMBOSSED, COLORED.

The Standard Foil of America.

MANUFACTURED BY

THE JOHN J. CROOKE CO.

ESTABLISHED 1850.

186 Grand St., NEW YORK. 149 Fulton St., CHICAGO.

B. & A. Specialties.

AZALEAS. We have just received our importation of Azaleas, consisting of 35,000 plants in splendid condition, being well budded and covered with a mass of green foliage. **Don't place your orders** until you have inspected this immense quantity of stock. Everybody visiting New York will do well to call upon us. We are only a few minutes from New York City. See our stock and convince yourself we have the finest ever imported. The varieties are the most popular for American trade and consist of the following: Van der Cruyssen, Vervæneana, Prof. Walters, Niobe. Bernard Andre alba, Empress of India, Schryveriana, Simon Mardner, Dr. Moore, Emperor of Brazil. Deutsche Perle and many other exquisite varieties little known to the trade.

BULBS. Ask for our surplus list quotations.

Lilac for forcing; pot grown, $6 doz., $45 100. Chas. X., Marie Legraye, Mme. Lemoine.

Deutzia Gracilis, pot grown, $1.50 doz., $12 100.

We would suggest your leaving the selection to us as much as possible, stating if you need early or late kinds. This will enable us to give many choice varieties. Prices F. O. B., Rutherford, N. J.: 8-10 in. diam., $3.50 doz., $25 100; 10-12 in., $4.50 doz., $35 100; 12-14 in., $6 doz., $45 100; 14-15 in., $7.50 doz., $55 100; 15-16 in., $9 doz., $65 100; 16-18 in., $12 doz., $90 100; 18-20 in., $25 doz., $200 100; 20-24 in., $36 doz., $300 100. Special prices for large specimens and quantities.

BOBBINK & ATKINS, - - RUTHERFORD, N. J.

Mention The Review when you write.

UTICA, N. Y.

The monthly meeting of the Utica Florists' Club was held on Thursday evening, November 6, at the office of Wm. P. Pfeiffer, our vice-president. Quite a large attendance was brought out by a notice that we would have the pleasure of seeing the new carnation, Enchantress. It did not arrive until about 10:30 p. m., but the boys all waited to see it. It arrived in fine condition. After the meeting was over we were served with, I was going to say, a banquet. At any rate, it was very close to it, and the boys all seemed to enjoy it as well, and I am afraid it was a little bit late when we all arrived home.

The club is to have a flower meeting Friday night, November 14, in their new rooms, of which you will hear more later.

Our club is in a very flourishing condition. We have about forty members and are not going to stop until we get them all in the fold.

Trade is fairly good all around.

We had a call yesterday from John E. Hughes, of Oneida. John has to come to Utica about so often to see the good things grown here.

Our bowling club will be ready for work in about two weeks. We are waiting for the new alleys in the Manmerchor building, where we were burned out last winter. S.

MILWAUKEE.

The Florists' Club held a meeting Friday evening and discussed matters pertaining to the next convention of the S. A. F. & O. H. Active work by the various committees will begin after the first of next year. More suitable club rooms, centrally located, will be rented, and perhaps a wholesalers' and retailers' bowling team will be organized. Quite a number will attend the Chicago mum show.

The green market so far is easier than in some seasons past, the continued warm weather having forced many shippers to rush stock on the market when they had a large amount on hand.

The M. A. McKenney Co. has remodeled its store and show windows and it is now one of the most attractive stores in the city. Incog.

Rock Island, Ill.—Landscape Gardener O. C. Simonds, of Chicago, inspected Longview Park recently and suggested plans for its improvement, which were adopted. He estimates that the city will have to expend about $4,200 for preliminary improvements—$3,200 for grading and $1,000 for trees and shrubs.

Areca Lutescens, per doz.—2½-in., 75c; 3-in., $1; 3½, $2; 4-in., $3.
Kentia Belmoreana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20; 6-in., $18.
Kentia Forsteriana, per doz.—2½-in., $1.50; 3-in., $2; 3½-in., $3; 4-in., $3.60; 5-in., $7.20.
Latania Borbonica, per doz.—2½-in., 60c; 3, $1; 6, $7.20; 7, $10.
Pandanus Veitchii, per doz.—5-in., $12; 6-in., $18; 8-in., $42.
Pandanus Utilis, 4-in., $3 per doz.
Nephrolepis Bostoniensis, per doz.—5-in., $3; 6-in., $6; 7-in., $9; 8-in., $12; 9-in., $18; 10-in., $24.
Asparagus Plumosus Nanus, per 100—2-in., $4; 3-in., $8; 4, $12.
Asparagus Sprengeri, per 100—4-in., $12.
Phoenix Canariensis, 6-in., $6 per doz.
Seaforthia Elegans, 5-in., $5 per doz.
Draeaena Indivisa, 4-in., $2; 5-in., $3; 6-in., $5; strong, $6 doz.
Adiantum Cuneatum, 2-in., $4; 3-in., $8 per 100. Small ferns for dishes, $3 per 100; $25 per 1000.
Fern Balls, well furnished with leaves, $3 to $5 per doz.

The GEO. WITTBOLD CO.
1657 Buckingham Place, CHICAGO.

BUCKLEY'S
NOVEMBER OFFER!

GERANIUMS—Extra strong rooted cuttings true to name. **Jean Viaud** (the pink novelty), $2.00 per 100, $18.00 per 1000. S. A. Nutt, Alp, Riccard, Beaute Poitevine, E. G. Hill, Mme. Jaulin, Mme. Bruant, Duchess of Orleans, L. P. Morton, $1.50 per 100, $14.00 per 1000.
VERBENAS—Our 20th Century Collection, 25 latest mammoth varieties to date, labeled, strong plants, 2¼-in. pots, $1.50 per 100, $14.00 per 1000.
SMILAX—If you want smilax here is your chance to secure first-class stock; to move quickly, 2¼-in., 50c per 100; $5.00 per 1000.
ASPARAGUS SPRENGERI—Extra fine, 2½-in., $2.00 per 100; 2-in., $1.25 per 100.
PETUNIAS—Ten novelties from Dreer's and Henderson's latest sets; strong R. C. $1.25 per 100.
FEVERFEW—Little Gem, strong R. C., 75c per 100.
MARGUERITE—Chrysanthemum Frutescens, white and yellow, $1.00 per 100.
SALVIA—The two best, St. Louis and Bonfire 75c per 100.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

VIOLETS, Swanley White and Lady Campbell, 3-inch pots, $3.00 per 100; $30.00 per 1000.

CHRYSANTHEMUMS.
Stock plants of Kalb, Ivory, Major Bonnaffon, White and Yellow Robinson and Col. Appleton, at $6.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.
Mention The Review when you write.

Mum Stock Plants
Robinson, Merry Xmas, Wanamaker, Monro, via, Bassett, Lincoln, Whilldin, Murdock, Kalb, Bonnaffon, Childs, Halliday, Appleton, Sunderbruch, Perrin, Pacific.
$1.00 per 100. Eaton and Chadwick $6.00 per 100.
JOHN BROD, 349 W. North Ave., CHICAGO.
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Florists' Review
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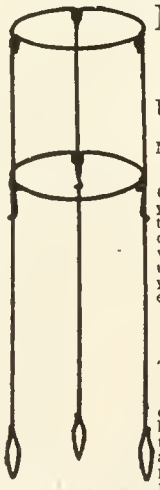

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing, L. I., Dec. 11, 1901.
Mr. Theron N. Parker,
Parker-Bruen Mfg. Co.
Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.
Yours very truly,
A. L. Thorne.

La Fayette, Ind., July 8, 1902.
Theron N. Parker,
Harrison, N. J.
Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. Dorner & Sons Co.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO. (Inc.)
208 Jersey Street,
HARRISON, - NEW JERSEY.

PANSIES
The finest strain of Bugnots, Cassier, Odier and Trimardeau. Mixed per 1000, $2.50. 50c per 100 by mail. Extra large plants in bloom 75c per 100; $6.00 per 1000. Double Daisies, Longfellow and others, large and small plants, same price as Pansies. Coleus, stocky 2½ in., 12 different colors, $1.75 per 100. Cash with order.
H. ERNST & SON, - Washington, Mo.

The Florists' Hail Association
has paid over $53,000 for glass broken by hail during the past 15 years. For particulars
Address JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.
Mention The Review when you write.

GOLD MEDAL
BY
...The Society of American Florists...
AUGUST, 1902.
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LETTER HEADS.

A reader wishes suggestions as to the best form of letter head. He finds that some local people fail to understand that he makes up funeral designs, but dislikes to put "Funeral designs a specialty" upon his letter head or card, as some florists do.

If he wishes to emphasize the fact that he makes up funeral designs and does not wish to mention them especially, he might use the phrase "Flowers and floral designs for all occasions."

If we were going to do a general business covering all departments we would have our card read something like this: "John Smith, Florist, 223 Jones St., Brownville, O. Flowers and Floral Designs for all Occasions. Decorations of Plants and Flowers for House or Church. Blooming Plants always on hand. Bedding Plants in the Spring. Telephone A 42."

Maybe some of our readers can suggest something better than this.

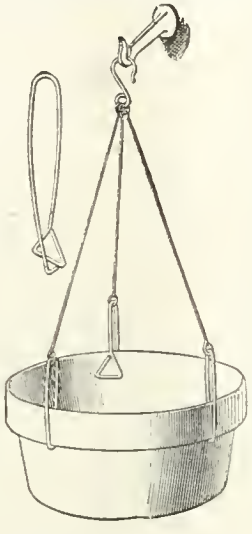
PRONUNCIATION.

Replying to C. R. the correct pronunciation of Nephrolepis is Nef-rol-e-pis, with the accent on the second syllable, the o in that syllable having the sound of o in not. A pinna (pronounced pinna, with the accent on the first syllable and the a as in Persia) is one of the primary divisions of a pinnate leaf such as that of the nephrolepis. The plural of pinna is pinnæ (pronounced pin-ne, with the accent on the first syllable and the e long as in meat). Pinnate means feathered.

A pinnule (pronounced pin-ul, with the accent on the first syllable and the u long as in mute) is one of the subdivisions of a pinna when same is itself feathered.

The Manual of Business is the title of a very handy volume issued by Daniel Stern, publisher of the American Artisan, Chicago. It contains a vast amount of information that is very convenient to have where it can be readily referred to, such for instance as the rules regarding drafts, notes, banking customs, making of contracts, liability of principals for acts of agents, mortgages, judgments, etc.

Minister (to one of his members, a venerable old gardener): "You have reached a great age, John." John: "Deed ha'e I, sir, for gin I leeve till the 11th o' next month, I'll be an otogerarium."—Glasgow Evening Times.



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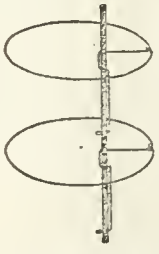

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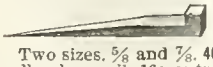

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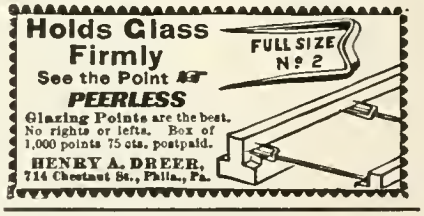

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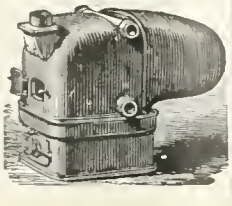

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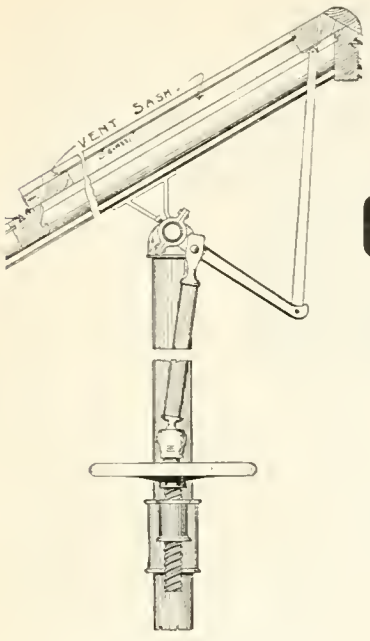

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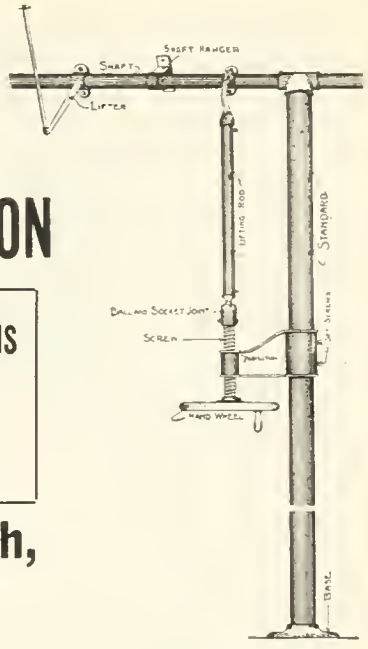

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Edward Gillett, Southwick, Mass., catalogue of hardy ferns, flowers, shrubs, etc.

Ellwanger & Barry, Rochester, N. Y., general catalogue of fruit and ornamental trees, shrubs, roses, paeonies, etc.

M. Rice & Co., 918 Filbert street, Philadelphia, Pa., price list of ribbons, Porto Rican mats, etc.

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Foley Mfg. Co., 471 West Twenty-second street, Chicago, descriptive circular of material for greenhouses, conservatories and horticultural buildings.

Thaddeus N. Yates & Co., Mt. Airy, Philadelphia, Pa., trade list of hardy deciduous and evergreen trees, shrubs, vines, etc.

Schlegel & Fottler Co., autumn catalogue of bulbs, plants, etc.

Perry's Hardy Plant Farm, Winchmore Hill, London, N., England, catalogue of bulbs and tubers.

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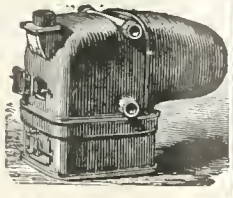

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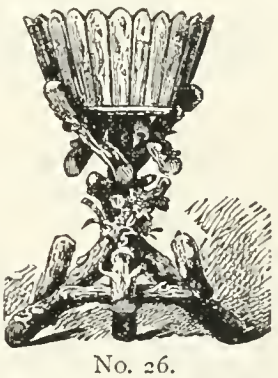

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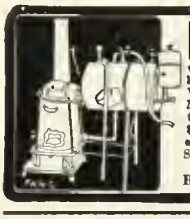

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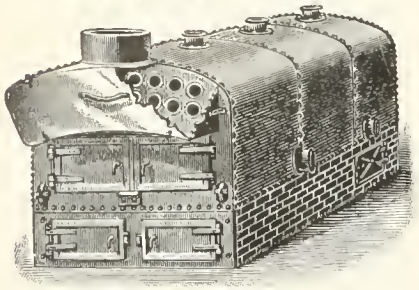

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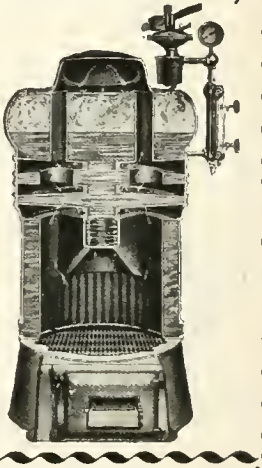

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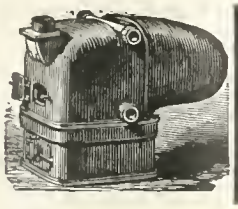

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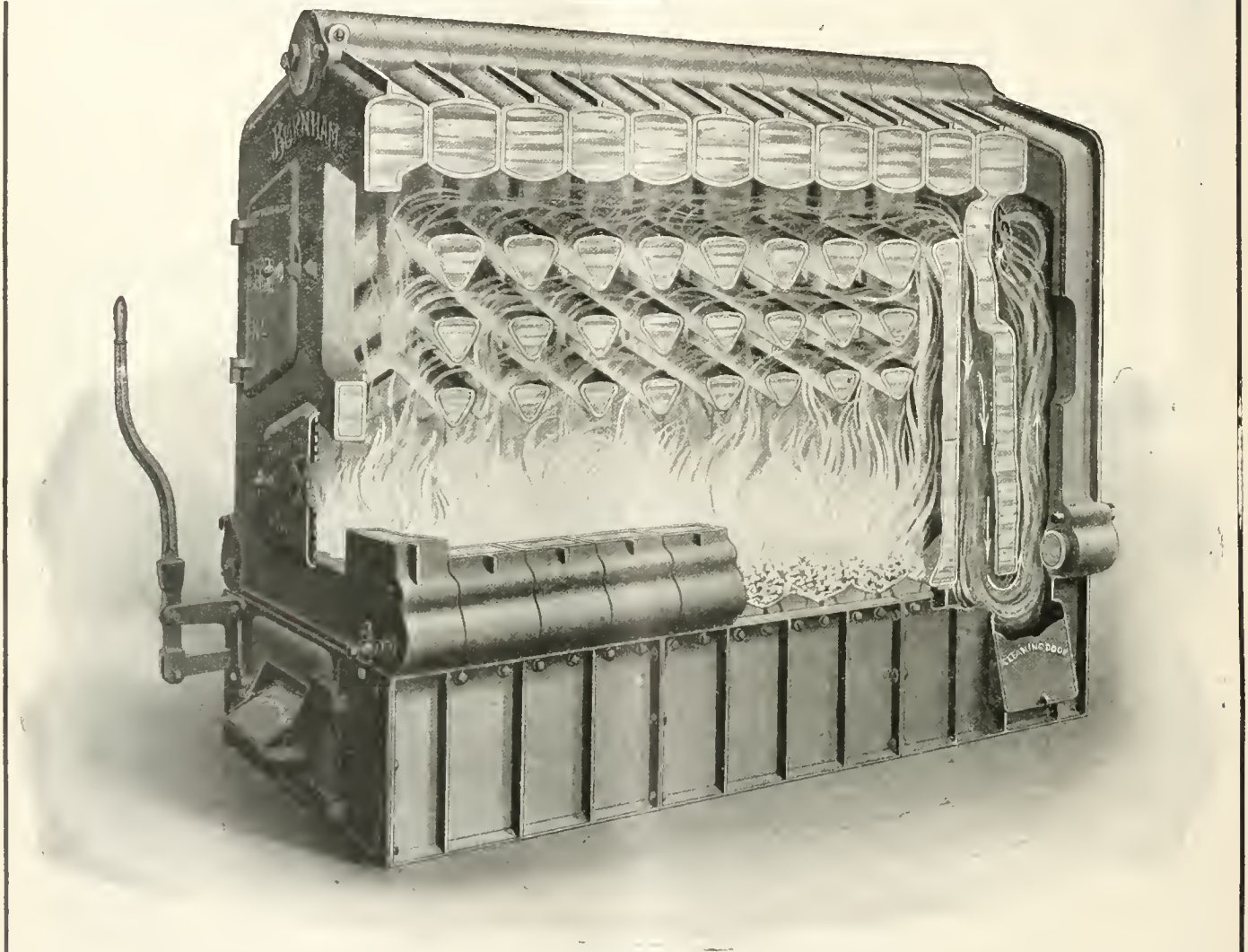

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THE WEEKLY

FLORISTS' REVIEW

Watson B. M.
Jamaica Plain
195

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100 seeds, 25c; 1000, $2.00.

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Dutch Hyacinths, named, our selection ....doz., 50c; 100, $3.50.
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By purchasing Bulbs and Plants for Easter Forcing at following Low Prices.

	1000	100
Roman Hyacinths—White, 12-15	$20.00	$2.25
" " Blue or rosy.	15.00	2.00
Paper White Narcissus Grandiflora, large bulbs	6.00	1.00
Dutch Hyacinths—Named sorts, separate colors	25.00	3.00
Dutch Hyacinths—Separate colors	20.00	2.25
Dutch Hyacinths—Fine for bedding, mixed	15.00	2.00
Dutch Roman Hyacinths—Miniature, separate colors	10.00	1.25
Freesia Refracta Alba—French, select size	4.00	.60
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Lilium Candidum—Extra size		4.50

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GERANIUMS, 2¼-inch, very strong **and very cheap,** of the following: Dryden, S. A. Nutt, Riccard, Poitevine, Bronze, Le Pilot, Eliza, Werner's Pink, E. G. Hill, La Favorite and Mme. Salleroi.

Rooted Cuttings of all above and also of Mme. Jaulin, Jean Viaud, Frances Perkins and Mrs. Parker.

Also 2¼-inch **ASPARAGUS PLUMOSUS,** Abutilon Savitzii, Begonia Rex, Double Alyssum and Cuphea. Rooted Cuttings of Ageratum—Stella Gurney and White—2¼-inch and Rooted Cuttings of ENGLISH and GERMAN IVY and VINCA VAR.

GREENE & UNDERHILL, Watertown, N. Y.

THE EXHIBITIONS.

THE PHILADELPHIA SHOW.

The chrysanthemum show of the Pennsylvania Horticultural Society, which closed last Saturday evening, was an unqualified success from every standpoint. The exhibits were numerous and of great merit, the effects superb and the attendance away ahead of expectations; in fact, the interest shown was remarkable. A deal of hard work on the three days previous put everything in shape on the opening evening, and when on Tuesday, the 11th, at 8 p. m., the doors of the Horticultural Hall were opened, a magnificent sight was displayed. The corridor was decorated with specimen bay trees. To the right and left of the main stairway were standard and specimen chrysanthemums and Boston ferns, and on the pillars two great vases of foliage plants and vines. The first landing was rich in color, a mass of chrysanthemum Pennsylvania surmounted by palms, with great vases of twenty blooms of specimen Timothy Eaton, Col. Appleton and other choice exhibition varieties.

The effect in the main hall was very striking. The center of the hall was occupied by a large specimen Cycas circinalis elevated on high, surrounded by a group of well-grown crotons of the best varieties richly colored. On both sides of this central group were the larger chrysanthemums in 8 and 10-inch pots, edged by the smaller ones in 6-inch pots. The color effect was heightened by the large number of rich red, bronze and terra-cotta varieties, which set off the lighter shades to great advantage. The stage was occupied by an exhibit of 250 varieties of cacti, all labeled and carefully arranged on sand, with moss between. Some of these cacti were very old and rare specimens. In front of the stage was a handsome exhibit of Pierson's fern, Nephrolepis Piersoni, of which so much has been said. The "Deacon," who is very conservative, describes it in this way: "It is a fine thing; if you had a house of it and another of Boston, the Pierson's would sell first." At the other end was a large table and group of Pandanus Sanderi shown in good form.

The prizes for 6-inch chrysanthemums brought out sharp competition. Merza and Eaton in whites, Appleton and Park in yellows, Murdock and Morel in pinks and Childs in reds appeared to be favorites. Against the wall were groups of foliage plants with a few gay chrysanthemums scattered throughout, but these groups were not so prominent as at the past few shows. The exhibit of cut chrysanthemums in the approaches to the foyer was exceedingly fine. Many of the standard varieties shown were of unusually high quality, while a few promising novelties appeared. Of the latter the Yellow Eaton was the most remarkable, resembling its sister closely in every aspect except that of color, which is a deep yellow.

A small but very fine exhibit of ferns filled the foyer, some of the specimens showing superior culture. Downstairs were the begonias, a large table of Rex varieties, all very finely marked and colored, in the ante-room, and a table of splendid Gloire de Lorraine with some specimens of other flowering sorts. Next was a table of cyclamens in full bloom —a great novelty at this season. A table of well-grown adiantums came next, and along the wall were hardy chrysanthemums of many varieties, all labeled—a most popular exhibit. There were more of the same sort upstairs.

The rose exhibit was not large, but brought out some interesting features: Ideal, a sport from La France, the color a clearer shade of pink than the parent variety, seemingly an improvement; Franz Deegen, a seedling produced by crossing Kaiserin Augusta Victoria with Sunset, and this seedling with Comtesse de Frigneuse, resembles Madam Hoste in the closed form, but when open shows a pleasing saffron shade, stems strong, foliage rather light. The Beauties were very fine, also Liberty and Ivory.

The feature of the carnation table was two vases, one from the east, the other from the west, of an undisseminated variety, which his Grace of York feelingly described in these words: "Enchantress is an enchantress." The color is soft pink, beautifully shaded, blooms large and full, stems strong and of good length.

The Craig cup went to a pretty blush seedling, unnamed. Adonis was considered by the judges as the winner of this cup, but was disqualified through noncompliance with the schedule. There was a good exhibit of violets and pansies.

The collection of vegetables was enormous, stretching out into a hitherto unused room in the rear, and very fine in quality. Temporary sloping shelves at the back of the tables displayed the grapes to advantage. A pretty table of tulips in several colors, made of paper, was very effective.

Secretary David Rust was greatly pleased with the results of the society's efforts.

The competition among the private gardeners was very keen, and despite the disappointment of non-prize winners the best of feeling existed throughout. There were ninety-two exhibitors as against seventy-five last year, with a total of 940 entries, all told. The official attendance has not as yet been given out. It is safe to say, however, that the exhibition has proved a financial success and made a record which it will be difficult to surpass. The secretary suggests that the table decorations, which brought out only one exhibit this season, ought not to be depended upon for the third day attraction, but that the schedule be so altered as to bring something on that day which may prove more popular.

There are two points of especial interest which must be mentioned before closing; one, the valuable exhibit of seedling cypripediums of promise; the other, the excellent music, which added so greatly to the pleasure of this memorable gathering.

Vase of Yellow Eaton Chrysanthemums Exhibited by Robert Craig & Son, at the Philadelphia Show.

Show Notes.

It was a grand affair.

Secretary Rust and his band of helpers worked hard and deserve lots of credit.

Joseph Hurley's exhibits were features of the main hall. Brutus proves a good show variety.

Philip Freud, who is with Henry F. Michell, made a hit with his beds of tulips in full bloom.

William Robertson made a fine showing with his specimen plants and flowers.

Jacob Becker seems to have a good rose in Ideal. It keeps better than La

France; the blooms average better in quality and the color is more pleasing. He had forty plants last season; now he has benched 2,200.

J. Austin Shaw, of New York, was among the many visitors to the show.

It was a great social gathering of florists, gardeners and amateurs.

The Beauty rose contest was a good old-time struggle between John Burton and Joseph Heacock, with honors easy.

He: "That is Timothy Heaton."
She: "It is Timothy *Eaton*, dear."
He: "*TIMOTHY HEATON*, love."
His informant was a Yorkshire man.

The Awards.

CHRYSANTHEMUM PLANTS.

Six in six varieties, not over 14-inch pots.—First, Gordon Smirl, gardener to Joseph F. Sinnot; second, Wm. Robertson, gardener to John W. Pepper.

Two plants, two varieties, not over 10-inch pots.—First, Gordon Smirl; second, John McCleary, gardener to Wm. Weightman.

Specimen plant, new variety, not disseminated prior to 1901, in not over 10-inch pot.—Silver cup awarded to Gordon Smirl.

One plant, new variety, not yet disseminated, not over 10-inch pot.—Alexander Kerr, gardener to Mrs. Philip J. Walsh.

Specimen plant, white, not over 14-inch pot.—First, Gordon Smirl; second, John McCleary.

Display of four plants, four varieties, in not over 14-inch pots.—First, Gordon Smirl; second, Wm. Robertson.

Display of three plants, three varieties introduced in 1901, in not over 14-inch pots.—To Gordon Smirl.

CHRYSANTHEMUM BLOOMS.

Sixty blooms, twelve varieties, five of each.—First, George Gnignet, gardener to Frank C. Bosler.

Thirty-six blooms, six varieties, six of each.—First, John McCleary; second, John Mitchell, Pennsylvania Hospital.

Twelve blooms, twelve varieties.—First, Job Mitchell; second, Wm. Kleinheinz.

Six blooms, white, one variety.—First, Francis Canning; second, Wm. Kleinheinz.

Six blooms, pink, one variety.—First, Wm. Kleinheinz; second, H. Eichholz, Waynesboro, Pa.

Six blooms, yellow, one variety.—First, Geo. Morrison, gardener to Curwen Stoddart, Jr.; second, James Ward.

Six blooms, crimson, one variety.—First, Wm. Kleinheinz; second, John McCleary.

Six blooms, any other color, one variety.—First, Wm. Kleinheinz; second, John McCleary.

Twelve sprays, Pompons, twelve varieties.—First, Wm. Kleinheinz; second, Francis Canning.

Twenty-five blooms, distinct varieties.—First, Wm. Kleinheinz; second, John Mitchell.

Twelve blooms, twelve varieties.—First, James Bell, gardener to L. C. Vanuxem; second, Frank Ibbotson, gardener to J. Vaughan Merrick.

Six blooms, white.—First, Francis Canning; second, Mrs. J. Willis Martin.

Six blooms, pink.—First, Geo. Morrison; second, Wm. Kleinheinz.

Cycas Circinalis and Crotons Exhibited by Joseph Hurley at the Philadelphia Show.

Specimen, yellow, not over 14-inch pot.—First, Gordon Smirl; second, Wm. Robertson.

Specimen, any other color, not over 14-inch pot.—First, Gordon Smirl; second, John McCleary.

Six plants, not over 8-inch pots, six varieties.—First, Wm. Kleinheinz, gardener to P. A. B. Widener, Esq.; second, John McCleary.

Six plants, white, not over 6-inch pots, one bloom to a plant.—First, Wm. Fowler, gardener to Mrs. Chas. Wheeler; second, W. H. Carey.

Six plants, yellow, not over 6-inch pots, one bloom to a plant.—First, J. T. Whittaker, gardener to Howard B. French, Esq.; second, Wm. Fowler.

Six plants, pink, not over 6-inch pots, one bloom to a plant.—First, J. T. Whittaker; second, Joseph McGregor, gardener to Edgar T. Scott.

Six plants, any other color, not over 6-inch pots, one bloom to a plant.—First, W. H. Carey; second, John McCleary.

Twelve plants, six yellow and six white, in not over 6-inch pots, one bloom to a plant.—First, Wm. Fowler; second, John McCleary.

Display of four plants, Japanese, four varieties, 4 different colors, in not over 14-inch pots.—First, Wm. Robertson; second, Gordon Smirl.

Display of three plants, three varieties, pink, not over 14-inch pot.—First, Gordon Smirl; second, Wm. Robertson.

Specimen plant, not over 14-inch pot, of variety Mrs. Frank Thomson.—First, Gordon Smirl; second, Wm. Robertson.

Specimen plant, not over 14-inch pot, of variety Miss Anne Thomson.—First, Gordon Smirl; second, Wm. Robertson.

Six blooms, yellow.—First, James Ward; second, Geo. Morrison.

Six blooms, crimson.—First, Wm. Robertson; second, James Ward.

Six blooms, any other color.—First, John McCleary; second, Wm. Kleinheinz.

Twelve sprays, Pompons, twelve varieties.—First, Wm. Kleinheinz; second, Ernst Schreiber, gardener to W. L. Elkins.

Best new American variety, six blooms, pink.—Robert G. Carey.

Best new American variety, six blooms, yellow.—Robt. Craig & Son.

Best new American variety, any other color, six blooms.—Ernst Schreiber.

Vase of twenty blooms, one variety, pink.—First, John McCleary; second, John Mitchell.

Vase of twenty blooms, one variety, white.—First, J. J. Habermehl's Sons; second, John Mitchell.

Vase of twenty blooms, one variety, yellow.—First, Wm. Robertson; second, John Mitchell.

Vase of twenty blooms, one variety, any other color.—First, J. J. Habermehl's Sons.

Vase of forty blooms, one variety, pink.—First, Edward A. Stroud, Overbrook, Pa.

Vase of forty blooms, one variety, white.—First, Edward A. Stroud.

Vase of forty blooms, one variety, any other color.—First, Ernst Schreiber.

Vase of six blooms, Mrs. Frank Thomson.—First, Wm. Kleinheinz; second, Wm. Robertson.

Vase of six blooms, of variety Wm. L. Elkins. First, Wm. Kleinheinz; second, Ernst Schreiber.

Vase of six blooms of variety Pride of Elstowe.—Second, Ernst Schreiber.

Five vases, five blooms each, distinct varieties.—First, Wm. Kleinheinz; second, Joseph Monahan.

Three vases, twelve blooms each, distinct varieties.—First, Frank West; second, Joseph Monahan.

Vase of six blooms of variety T. D. M. Cardeza.—First, Wm. Kleinheinz; second, James Bell.

Vase of six blooms, new variety.—To Robert G. Carey.

MISCELLANEOUS PLANTS.

Foliage plants, display of fifteen plants, in not over 14-inch pots.—First, John Hobson, gardener to Edward A. Schmidt.

Foliage plant, one specimen.—First, John Thatcher, gardener to Edward Le Bontillier; second, Chester Davis, gardener to W. P. Henzey.

Orchids.—Specimen plant in bloom.—To John Thatcher.

Foliage plants, six plants, distinct varieties and species.—Silver cup to John Thatcher.

Palms, six plants, six varieties.—First, John Thatcher; second, John H. Dodds, gardener to H. S. Hopper.

Foliage plants (palms not admissible), six varieties.—First, John Thatcher; second, Chester Davis.

Palms, one pair.—First, Ernst Schreiber; second, Wm. Robertson.

Palm, specimen.—First, Wm. Robertson; second, Chester Davis.

Cycas circinalis, best plant.—First, John Thatcher; second, Gordon Smirl.

Ferns, best specimen plant.—First, Thos. Long, gardener to Geo. W. Childs Drexel; second, John Thatcher.

Ferns, display of twelve plants, twelve varieties.—First, Thos. Long.

Ferns, display of ten plants, ten varieties.—First, Thos. Long; second, Francis Canning.

Ferns, display of six plants, six varieties.—First, Thos. Long; second, John Thatcher.

Ferns (Adiantum Farleyense), best six plants.—First, August Zitzewitz; second, Thos. Long.

Crotons, display of ten plants, ten varieties.—First, Ernst Schreiber.

Croton, specimen.—First, John Thatcher; second, Ernst Schreiber.

Dracaena, display of six plants, six varieties.—First, John Thatcher; second, Wm. Morton, gardener to Craige Lippincott.

Dracaena Sanderiana, best pan or pot.—Awarded to John Thatcher.

Marantas, display of six plants, six varieties.—First, John Thatcher; second, Chester Davis.

Begonias.—Six plants of Rex variety.—First, Ernst Schreiber; second, Francis Canning.

Begonias, six plants of flowering varieties.—First, Patrick Dunn; second, Ernst Schreiber.

Begonia, Rex variety, specimen.—Awarded to Ernst Schreiber.

Begonia, flowering variety, specimen.—Awarded to John Thatcher.

Cyclamen, twelve plants, not over 8-inch pots.—First, Wm. Fowler; second, Frank Ibbotson.

Flowering plant, best specimen, other than chrysanthemum or geranium.—First, John Thatcher; second, George Morrison.

Caladiums, six named varieties, in pots or pans.—First, Wm. Wilkie, gardener to R. S. Mason.

Ouvirandra Fenestralis, best specimen.—First, John Thatcher.

Foliage and flowering plants, display arranged for effect.—First, John H. Dodds; second, Ernst Schreiber.

Geraniums, eight plants, not over 10-inch pots.—First, Wm. Robertson.

Adiantum Farleyense, display to cover fifty square feet.—First, August Zitzewitz.

Window box, for house decoration.—First, John Thatcher; second, John Hobson.

Vases, pair, suited for lawn or large hall.—First, Edward Jones.

Foliage plants, display of ten plants, in not over 6-inch pots.—First, John H. Dodds; second, John Thatcher.

CUT FLOWERS.

Twenty-five Perles des Jardins.—First, Geo. Morrison.

Twenty-five La France.—First, Jacob Becker.

Twenty-five Liberty.—First, Adolph Farenwald.

Twenty-five Sunrise.—First, Geo. Morrison.

Twenty-five Ivory.—First, American Rose Co., Washington, D. C.

Twenty-five any other variety.—Second, Geo. Morrison.

Six American Beauty.—First, Joseph Heacock; second, John Burton.

Six blooms of any new variety.—First, Jacob Becker.

Best vase of twenty-five blooms of American Beauty.—First, John Burton.

Collection of tea roses.—Three vases.—First, Geo. Morrison.

American Beauty.—One vase of twelve blooms.—First, Wm. Kleinheinz; second, Wm. Robertson.

Ivory (White Golden Gate), vase of twelve blooms.—First, John Little; second, Wm. Robertson. Prizes offered by American Rose Co., Washington, D. C.

CARNATIONS.

Vase of fifty blooms, of any new variety.—First, Peter Fisher; second, Thompson Carnation Co.

Display of not less than six vases, twenty-five blooms each.—First, Edward A. Stroud.

Best American seedling, never disseminated,

View of Main Hall at the Philadelphia Show.

twenty-five blooms and one plant of the same variety, for the "Craig Prize," a Silver Cup.—Awarded to Dailledouze Bros.

Display of not less than four vases, four varieties, twenty-five blooms each.—First, Wm. Kleinheinz; second, John Little.

Vase of twenty blooms, pink.—First, Wm. Kleinheinz; second, Ernst Schreiber.

VIOLETS AND PANSIES.

Violets, bunch of one hundred blooms, Princess of Wales.—First, Herman Zimmer; second, R. M. Eisenhart.

Violets, bunch of one hundred blooms, Lady Hume Campbell.—First, W. Courteney Pray; second, R. M. Eisenhart.

Bunch of one hundred blooms, Luxonne.—First, Aicher & Gillmet; second, R. M. Eisenhart.

Bunch of one hundred blooms, any other variety.—First, W. C. Pray; second, Aicher & Gillmet.

Pansies, one hundred blooms, not less than twenty-four varieties.—First, Knott & Potter.

SPECIAL PRIZES.

Special prize for best plant in the exhibition to Thos. Long, for large specimen fern.

Silver medal for best palm or cycad in the exhibition to John Thatcher, for Cycas circinalis.

Silver medal for best chrysanthemum plant in the exhibition to Wm. Robertson, for Chrysanthemum Brutus.

Silver medal for the best foliage plant in the exhibition to John Thatcher, for Maranta Makoyana.

Silver medal for the best fern in the exhibition, to Thos. Long.

Silver medal to Joseph Hurley, for a collection of two hundred and fifty varieties of cacti and succulents.

Gold medal to F. R. Pierson Co., Tarrytown, N. Y., for Nephrolepis Piersoni.

Silver medal to Joseph Hurley for a collection of fifty varieties of crotons.

Gold medal to Thos. Long, for display of ten specimen ferns.

Silver medal to Alphonse Pericat, gardener to Mrs. Geo. B. Wilson, for a collection of new varieties of cypripediums.

Silver medal to Robert G. Carey, gardener to Edward Trotter Price, for a new yellow chrysanthemum.

Silver medal to E. G. Asmus, West Hoboken, N. J., for new yellow rose Franz Deegen.

Special premium to Joseph C. Schweida, gardener to Blum Bros., for standard chrysanthemums.

Special premium to Thos. Holland, gardener to Lincoln Godfrey, Esq., for special trained chrysanthemums.

Special premium to James Bell, for standard chrysanthemums.

Certificate of merit to Henry A. Dreer, Philadelphia, for Pandanus Sanderi.

Certificate of merit to August Zitzewitz, for ericas and Asplenium Nidiosoris.

Certificate of merit to Edward Cox, for Cattleya labiata.

Certificate of merit to John Thatcher, for specimen Erica.

Certificate of merit to Manson M. Roberts, for two Boston ferns.

Certificate of merit to Jacob Becker, for new rose Ideal.

Certificate of merit to Robt. Craig & Son, for new chrysanthemum H. E. Richardson.

Certificate of merit to Mr. Leo. Haen, for basket of Blue Peter potatoes.

Certificate of merit to W. Atlee Burpee & Co., for display of pumpkins and squashes.

Certificate of merit to John Thatcher, for new flowering Begonia "Coral."

Silver medal to J. D. Thompson Carnation Co., for new carnation Enchantress.

Silver medal to John Gaynor, gardener to John Wanamaker, for group of foliage and flowering plants.

FLORAL ARRANGEMENTS.

Plateau of chrysanthemums.—First, Albert W. Rieder.

Dinner table decorations.—First, Hugh Graham.

Handle basket of flowers.—First, W. H. Reider.

BUFFALO.

The event that overshadowed all else floriculturally this past week was the H. A. Meldrum Company Department Store show of chrysanthemums. This firm is young in years, but overflowing with energy and enterprise, and as a result is developing and evolving far beyond its older rivals. When first I heard of the idea it struck me as a solution of the flower show problem. Of course, the local club should be able to hold an exhibition of its own, and has done so on several occasions, but always to the great pecuniary loss of the half dozen men who have done all the work, sacrificed their plants and ferns and then gone deep into their pockets to pay the fiddler. Glory is a pleasant sensation when it does not come too high, and you are not glorifying the men who haven't raised a finger to help, or even given the affair their moral support.

So this enterprising firm has given thousands of our citizens a fine show of chrysanthemum blooms. It brought crowds to their store. They estimated that 15,000 people visited the show on the last day alone. Their sales went thousands of dollars above their normal business. The florists received in premiums a handsome price for their flowers. So I cannot see but that all parties are to be congratulated and happy over the result. As evidence that the firm was pleased with this initial attempt, they have already announced that they will increase the amount of premiums next year fourfold, and will offer some prizes that will induce the best chrysanthemum and rose growers in the country to make exhibits. The premium list was very short and simple—only fifteen classes and three prizes for each class. There were five classes for designs—a basket, a plateau, a wreath, a spray and an original design. They were all very good in their way, but it is doubtful if they could not be dispensed with without any loss to the attraction. Anything suggestive of a funeral, as a wreath or a spray, has no place in a flower show. They may appeal to some warped minds, but to those of good taste they are vulgar.

The E. G. Hill Company sent a vase of the beautiful Marie Liger, but it was a little past its best and the judges could not see its worth. This firm also sent a vase of Richardson, a lovely pink of the Maud Dean type, but much brighter in color. Nathan Smith & Son sent 25 blooms in 25 varieties. They were a fine lot and among them were many beautiful flowers. The remainder were all

from local growers. Mr. Kasting exhibited some vases of Timothy Eaton and Maud Dean grown by Mr. Christensen, of Eggertsville, that would be hard to beat at any show in the country.

The list of prize winners would be only of local interest, but briefly is as follows: C. D. Zimmerman, one 2nd and two 3rd; A. J. Reichert, two 3rd; L. H. Neubeck, one 2nd and one 3rd; S. A. Anderson, five 1st, four 2nd and three 3rd; Mrs. D. Newlands, one 1st; N. Smith & Son, one 1st; William Scott, five 1st, eight 2nd and two 3rd; W. F. Kasting, two 1st, one 2nd and one 3rd; C. H. Keitsch, one 3rd; William Belsey, one 1st; Mr. Karmuth, one 3rd.

Messrs. C. H. Keitsch, Thomas Fitzgerald, of the Botanic Garden, and Chas. L. Dole, of Lockport, did ably as judges, and some of the contests were very close. A few of the local florists held aloof and thought it would not be worth while to come in. They were not missed, as all available floor space was filled up, and next year they will see the wisdom of being sociable. Mr. Tom Coleman should be proud of his management of this show, his first experience.

There was only one occurrence that caused a ripple of annoyance in this otherwise smooth and pleasant affair. Three classes of cut blooms were open only to growers of Erie (our home) county. However, the schedule read, the meaning was that the flowers should be the produce of their greenhouses. But one florist received some fine flowers from out of town and entered them as the produce of his houses. The fraud was so palpable that all other exhibitors protested, but in vain. Unfortunately none of us had visited his greenhouses within a week or two, and he had removed the soil where these flowers had supposedly grown, so there was no remnant to judge from, but we are all morally and absolutely sure they were grown 400 miles away. The guilty man put up a good bluff. When you do stoop to such a trick a good bluff is a necessary accompaniment and a long and frequent practice in both makes proficiency. The judges could not help themselves, for they judged only what they saw. It is a great pity that such contemptible tricks can ever exist, and another year they will be guarded against.

W. J. Palmer & Son opened their new branch or uptown store today. It is an ideal corner for the business. Two sides are glass and any one passing down Main street can not but see the well-appointed store. Mr. Palmer deserves all the success that has come to him. He has worked hard with hands and head and few young men have stuck to business as he has done. We wish him success and lots of it on the corner of Main and Genesee. W. S.

Table of Pandanus Sanderi Exhibited by H. A. Dreer at the Philadetphia Show.

CHICAGO.

On Thursday came the display of carnations, and it was undoubtedly the finest ever seen at a fall exhibition. Some thought it exceeded that at any of the exhibitions of the Carnation Society. It certainly contained an immense number of fine blooms, and the competition was sharp in nearly every class. The awards follow:

Fifty Flora Hill—1st, Sinner Bros.; 2nd, Wietor Bros.

Fifty White Cloud—1st, Bassett & Washburn; 2nd, Sinner Bros.

Fifty Norway—1st, Bassett & Washburn; 2nd, Chicago Carnation Co.

Fifty Queen Louise—1st, Guardian Angel Orphan Asylum; 2nd, M. Winandy.

Fifty any other white—1st, J. D. Thompson Carnation Co., with Gov. Wolcott; 2nd, W. W. Coles.

Fifty America—1st, Bassett & Washburn; 2d, Wietor Bros.

Fifty Red Bradt—1st, Bassett & Washburn; 2nd, Anton Then.

Fifty G. H. Crane—1st, Bassett & Washburn; 2nd, Mt. Greenwood Cemetery Association.

Fifty any other red—1st, Peter Reinberg, with Estelle; 2nd, Thompson Carnation Co., with Apollo.

Fifty Maceo—1st, Bassett & Washburn; 2nd, Jos. Lubo.

Fifty Gov. Roosevelt—1st, Mt. Greenwood Cem. Ass'n; 2nd, Thompson Carnation Company.

Fifty any other crimson—1st, Thompson Carnation Company, with Harry Fenn.

Fifty Marquis—1st, Mt. Greenwood Cem. Ass'n; 2nd, Bassett & Washburn.

Fifty Lawson—1st, Bassett & Washburn; 2nd, Thompson Carnation Company.

Fifty Genevieve Lord—1st, Peter Reinberg.

Fifty Ethel Crocker—1st, W. W. Coles.

Fifty Frances Joost—1st, Peter Reinberg; 2nd, Anton Then.

Fifty Morning Glory—1st, Bassett & Washburn; 2nd, Wietor Bros.

Fifty any other pink, not lighter than Scott—1st, Sinner Bros.; 2nd, Wietor Bros.

Fifty any other pink, lighter than Scott—1st, Chicago Carnation Company, with Mrs. Higinbotham; 2nd, Guardian Angel Orphan Asylum.

Fifty Bradt—1st, Bassett & Washburn; 2nd, Anton Then.

Fifty Prosperity—1st, Thompson Carnation Company; 2nd, Bassett & Washburn.

Fifty any other striped—1st, F. Dorner & Sons Co., with Stella; 2nd, W. J. & M. S. Vesey, with Gaiety.

Fifty Gold Nugget—1st, Bassett & Washburn.

Fifty any other yellow—1st, Thompson Carnation Company, with Golden Beauty; 2nd, F. Dorner & Sons Co., with Dorothy Whitney.

Twenty-five white, introduction of 1902—1st, Thompson Carnation Company, with Wolcott; 2nd, H. W. Buckbee.

Twenty-five dark pink, introduction of 1902—1st, Thompson Carnation Company; 2nd, W. J. & M. S. Vesey, both with Mrs. E. A. Nelson.

Twenty-five light pink, introduction of 1902—1st, R. Witterstaetter, with Enquirer; 2nd, Bassett & Washburn.

Twenty-five red, introduction of 1902—1st, Thompson Carnation Company; 2nd, F. Dorner & Sons Co., both with Apollo.

Twenty-five any other color, introduction of 1902—1st, F. Dorner & Sons Co., with Stella; 2nd, Bassett & Washburn, with Gaiety.

One hundred white—1st, Thompson, with Wolcott; 2nd, R. Witterstaetter, with Albatross.

One hundred light pink—1st, Thompson, with Enchantress; 2nd, Mt. Greenwood Cem. Ass'n, with an unnamed seedling.

One hundred dark pink—1st, Bassett & Washburn, with Lawson; 2nd, E. T. Grave, with President McKinley.

One hundred crimson—1st, Chicago Carnation Company, with Harlowarden; 2nd, Thompson Carnation Co., with Gov. Roosevelt.

One hundred red—1st, Thompson, with Apollo; 2nd, Bassett & Washburn, with Crane.

Best 100 in any of the 100 classes—1st, Thompson Carnation Company; 2nd, Chicago Carnation Company.

Best vase entered in any class, the Foley Mfg. Co.—Special prize. Thompson Carnation Company.

On Friday there was a competition in seedlings that brought out a great many fine new ones. A light pink seedling named Fiancée, shown by F. Dorner & Sons Co. and purchased from them by the Chicago Carnation Co., of Joliet, Ill., swept everything before it. An illustration and description will be found elsewhere in this issue. The awards in the several classes follow, twenty blooms being required in each class. No less than twenty-four seedlings were entered in these classes:

Best white, F. Dorner & Sons Co., with seedling No. 123 (00).

Best red, E. T. Grave, with Elsie Martin.

Best dark pink, Thompson Car. Co., with Nelson Fisher.

Best light pink, F. Dorner & Sons Co. with Fiancée.

Best any other color, Chicago Carnation Co., with Harlowarden.

Best seedling carnation entered in above classes, a silver cup, F. Dorner & Sons Co., with Fiancée. This variety was also given a certificate of merit and was pronounced by the judges the best carnation produced up to date.

New Chrysanthemums.

On Friday seedling chrysanthemums were in order and there were entries in every one of the six classes.

For six blooms white, N. Smith & Son were first, with Convention Hall.

For six blooms yellow, not darker than Bonnaffon, E. G. Hill Co. and Vaughan's Seed Store divided honors, with Yellow Eaton and Golden Chadwick.

For six blooms, yellow, darker than Bonnaffon, N. Smith & Son were first, with H. W. Buckbee, which also received the S. A. F. bronze medal.

For six blooms, pink, lighter than Morel, E. G. Hill Co. was first with Columbia.

For six blooms, pink, not lighter than Morel, The E. G. Hill Co. was first with R. E. Richardson, which also won the S. A. F. silver medal.

For six blooms, any color, Nathan Smith & Son were first, with Mrs. J. J. Mitchell.

Violets.

The special prizes offered by Kennicott Bros. Co. brought out the finest display of violets ever seen at any of the exhibitions in this city, and the competition was sharp. First was awarded to R. Klagge, Mt. Clemens, Mich., and second to Eli Cross, Grand Rapids, Mich.

Floral Arrangements.

The competitions on both Friday and Saturday brought out large and attractive displays and the entries were all excellent. They were a strong feature of the exhibition. As all will be illustrated

Specimen Chrysanthemum Plant at the Philadelphia Show.

in these columns later, we will give only brief descriptions now.

For basket of chrysanthemums, John Mangel was first with a superb handle basket of very gracefully arranged flowers of mixed colors, the shades beautifully blended. T. D. Mosconosotes was second with a prettily arranged basket of Golden Wedding.

For basket of orchids, T. D. Mosconosotes was first with a large low basket of Cattleya Percivalliana, arranged in Adiantum Farleyense. E. G. Uihlein was second with a handle basket of mixed orchids, the handle being very gracefully covered with small flowered oncidiums, etc.

A. Lange's entry was a large low basket of Cypripedium Leeanum interspersed with adiantum and mignonette.

For bridal bouquet, A. Lange was first with a bouquet of valley and a shower of the delicate Asparagus decumbens, with sprays of valley in same. T. D. Mosconosotes was second with a bouquet of valley with a cluster of white violets at the side. John Mangel's bouquet was of white roses and valley. A. Lange's was of white sweet peas with a shower of fine asparagus and peas.

For bridesmaid's bouquet A. Lange was first with a bouquet of Blanche Ferry sweet peas, with a shower of Asparagus decumbens and peas. T. D. Mosconosotes was second with a bouquet of Sunrise roses. Mangel's bouquet was of La France roses.

For vase of roses John Mangel was first with a handsome trumpet vase of Beauties and T. D. Mosconosotes was second with a similar vase.

For basket of roses John Mangel was first with a high handle basket containing two shades of pink, beautifully blended. A. Lange was second with a very tastefully arranged basket of Liberty.

For basket of carnations John Mangel was first with a handle basket containing white and pink shades, and T. D. Mosconosotes was second.

For best arranged box of cut flowers John Mangel was first with an arrangement of Chatenay roses, valley, cypripediums and adiantums. T. D. Mosconosotes was second with an arrangement of Liberty roses, valley, violets, cypripediums and mignonette.

Other Awards.

The judges recommended the highest award in the gift of the society to the F. R. Pierson Co., Tarrytown, N. Y., for the new fern Nephrolepis Piersoni. A gold medal was awarded the new yellow rose Franz Deegen, shown by the South Park Floral Co. and Ernst Asmus.

Notes.

Lager & Hurrell, Summit, N. J., made a fine display of orchid plants in bloom.

Aug. Jurgens displayed some bunches of remarkably fine valley.

The attendance was very satisfactory in spite of several rainy days and, the rent not being so monumental as in recent years, the society will probably have a comfortable balance on the right side of the ledger.

THE EXHIBITIONS.

The largest and principal exhibitions are over and are matters of history to those interested. Boston, Philadelphia and some other cities have had their annual displays, without any extra effort or feature, which presumably have paid their way, for in those large cities there are true lovers of flowers sufficient to patronize these annual functions where no great expense is entailed. In cities of from 200,000 to 400,000 people the problem is not yet solved, "How to hold a financially successful chrysanthemum exhibition on its own merits." Kansas City is an entire exception and no criterion. Any other city of its size might have done what Kansas City has done if it had had the men and the pluck and phenomenal enterprise to promote and carry it through, but it is too late now. It belongs entirely to a class of its own and cannot be duplicated.

The flood, Grecian art and philosophy, the rise and decline of Rome, the battle of Hastings, the commonwealth of Cromwell, the rebellion of the thirteen states, the battle of Waterloo, the truths of the inferences of Charles Darwin and the genius of a Taggart and a Thorpe mark epochs in the march of the world onward and upward, so we will pass the Kansas City show as phenomenal. If there were many attempted to emulate it they could not be successful, because the material does not exist to support them. Still one other, in the East, could surely be carried out on the same broad and liberal plans. Long may Kansas City be successful in her great flower shows, although it stretches our faith to believe that it can be annually a great success in a city or locality where the people, with the exception perhaps of a very small per cent, have no true love and less knowledge of plants and flowers, and the present spectacular success is surely a fad which is liable to evaporate at any time.

The Madison Square exhibition in New York, although not bringing out a quarter of the exhibits that it should, was yet a most artistic and beautiful exhibition and reflected the greatest credit on the management, design and labor of the committee in charge; but in the center of Greater New York, with its three millions of people and its marvelous wealth and culture and material for an exhibition, within thirty miles equal to the combined resources of the whole country, with all these great opportunities, the result was enough to chill the soul of the most ardent exhibition enthusiast.

From what we hear of Chicago, it was in all ways a success, not phenomenal or spectacular, but a splendid exhibition, and paid its way. They know how to advertise in that great city; the wind blows their handbills and utterances into the uttermost parts of Illinois and adjacent states. After traversing the great chain of lakes we found one sticking to a log on the shores of Goat Island, close to the brink of Niagara. It was impervious to water, being saturated with alcohol, and in large letters was printed, "Dont fail to see Chicago's great Chrysanthemum Show."

The convention of the American Chrysanthemum Society added greatly to the interest of the Chicago exhibition, although it possibly made no perceptible addition to the attendance. We deeply regret that we could not lend our assistance to the convention, if only with our mute presence, and had we reason to suspect that on returning home we should have been presented with twin baby girls, as was the majestic Emil Buettner, we should have gone, even at any sacrifice to the loss of a leg or the balance of our hair.

And now we have arrived at the point for which these remarks have an excuse. Some of you had the pleasure of hearing the address of President Herrington. All of you have an opportunity to read it, and every one of you whose eyes are not obscured by two large silver dollars should read it. It is true that Mr. Herrington had the retrospective view of several years to draw from and the future was all his own, and he did it well. It is comprehensive, earnest and has the true ring of the lover of his profession and his pets, of the horticulturist and gardener, who delights in the produce of his skill, and incidentally the revenue it brings.

To me by far the most important part of the address was that devoted to the

question, "How to make our chrysanthemum shows attractive and a success." If many of our clubs and societies in many cities of the country are to continue an attempt to hold exhibitions, no subject to us can be of greater interest. There is one broad fact, not so well known to those who know only this country, which has the greatest influence on attendance at flower shows, and it is the fact that but a very small percentage of our people, including the millionaire as well as the millwright, has any real taste or fondness or knowledge of plants and flowers. Our trade in floriculture is in a most healthy state and ever growing. Flowers are wanted for beautifying the home. It is lovely to give them and sweet to receive, and they are welcome guests at almost every event of our lives. They carry sentiment and affection wherever they go and are becoming indispensable in all well-regulated homes, but all this is not knowing the flowers. It is love and admiration for their beauty and sweetness, but little knowledge of them. In fact, to be brief, gardening is not yet a recreation of our people.

To explain the difference that exists in Europe, or that part of it with which I have an acquaintance, the British Isles, every merchant, lawyer, doctor, minister of the parish, bishop and priest, mechanic and mill operative—yes, the lowly laborer in the rural districts—has his garden or his pet flowers, and can talk gardening. The country squire and lord of the manor, even if his fancy runs to foxhounds, must keep posted on gardening topics, for 'tis good form. Is it any wonder, then, that they can hold a horticultural exhibition in every small town. People go not only to admire the beautiful, but are interested in the latest novelties and cultural skill displayed. If the greatest interest and fondness for their gardens did not exist, how could the thousands of firms whose business is the distribution of plants exist in so small a territory? We have a few people of this kind in every neighborhood, but you can count them on your fingers in ours, and you will be sure to see them at our local shows—good, faithful people, they will be at your show, even if lonesome.

This is not always going to be so; the taste for gardening and the interest in the plants is growing fast, but we must wait. Our people can see just as fine flowers of every kind in our florists' shops as can be seen at any flower show, and unless it's the fad to go they are not going to waste time and be bored by looking at simply quantities of the same thing duplicated a dozen times. Mr. Herrington spoke very much to the point when he said we should have a greater variety in our chrysanthemum flowers to attract the public. If you have seen a vase of fifty Timothy Eatons or Col. Appletons, you have seen all the beauty that these flowers are capable of affording, and a dozen vases of them is a surfeit. I well remember last year of seeing a lady of considerable pretensions to culture turn away from a vase of monstrous mums and remark to her friend, "Hideous."

Variety and novelty we must put before the people, but how it is to be done and how the commercial man can afford to grow the uncommercial varieties I am not going into at present. I am entirely in sympathy with those who protested against spliced stems. That is retrogression with a vengeance, and our people won't stand for it. If short stems are to be used, then let the flowers be down close to the dark green bed of moss. If in bottles and the stem is only six inches long above the bottles, these weak-necked specimens will hang their heads in all directions and look anything but attractive. I have seen such displays this fall, and they won't do.

We should have flower shows, even if at a sacrifice, for they are educators in every community in which they are held, and I trust ere long some smart man or matron will think of some feature that can be used to draw and please the public—statuary barred. It, like the flowers, is too mute; action is what is wanted. The dramas of Bulwer Lytton are grand from a literary view; the dialogue is wonderful; but there is no action; hence, with one exception, they are never heard of. Action and life we must have until a good share of our people take a real interest in gardening.

William Scott.

The Remarkable New Light Pink Carnation Fiancee, that Won all the Highest Awards in the Seedling Carnation Classes at the Chicago Show.

A GREAT NEW CARNATION.

It Breaks all Records.

At the Chicago exhibition there appeared on Friday a new pink carnation that created a sensation. It was an immense flower of ideal form and a wonderful soft and pleasing shade of pink, very similar to the color of Marquis. It seemed practically flawless and the judges awarded it not only the prize in the class for best pink seedling lighter in color than Scott, in which Enchantress and many fine seedlings had been entered, but the silver cup for best seedling shown and a certificate of merit also, in addition to pronouncing it the best carnation produced up to date. And all who saw it agreed that the judges had been none too lavish with their awards and commendation. It easily outclassed everything else on exhibition, and the display was the largest and finest ever seen at a fall exhibition.

This remarkable new carnation is a seedling raised by Fred Dorner, Lafayette, Ind., but the stock has been purchased by the Chicago Carnation Co., Joliet, Ill. It will probably be introduced next year. The accompanying engraving is from a flash light photograph and does not do justice to the subject.

TUXEDO, N. Y.

The first exhibition by the Tuxedo, N. Y., Horticultural Society was held in the club ballroom on November 7, 8 and 9. That the efforts of the committee in charge were appreciated was well illustrated by the spontaneous expressions of pleasure by the crowds of spectators on first entering the hall. The arrangement was made as spectacular as stock would admit, and the competitive exhibits were so arranged that a new pleasure awaited the patrons as they made the circuit of the hall. The vegetable classes were poorly filled, as vegetables are very little grown outdoors, soil conditions not giving much encouragement in that line of the profession. The soil is still in a crude state, rocky and sandy.

Among the special exhibits were a table of oncidiums and cattleyas, trimmed with Adiantum Farleyense, groups of stove plants, Golden Privet and evergreen, by W. A. Manda, of South Orange, N. J. Evergreens and a fine plant of the new fern Nephrolepis Anna Foster, by Bobbink & Atkins, Rutherford, N. J. Seed exhibits by Cluecas & Boddington Co. and J. M. Thorburn & Co., of New York City.

Among the local specials were a central group of palms, topped off with a

Some of the Carnations at the Chicago Show.

piece of Phoenix rupicola, 20 feet high, a perfect plant. On a raised platform were four orange trees and two Cycas revoluta. All were fine plants. The ripe fruit on the orange trees were shown off to advantage by a series of electric lamps cunningly arranged among them. All were from H. W. Poor's estate.

The place of honor, entrance group, was filled with chrysanthemum bush plants trained in all manner of shapes, a very fine lot, from R. Mortimer's greenhouse. Four tree ferns, also from H. W. Poor's, were much admired.

In chrysanthemum plants and blooms the winners of first prizes were Richard Mortimer, P. Lorillard (Thos. Murray, gardener), C. B. Alexander and H. W. Poor. In foliage plants winners of firsts were C. B. Alexander (Wm. Hastings, gardener), and H. W. Poor. In roses C. B. Alexander won three firsts and H. W. Poor two. C. E. Westley and P. Lorillard won firsts for violets. C. B. Alexander won first for table center piece. In carnations C. B. Alexander took four firsts. In the vegetable classes firsts were won by A. D. Juillard and C. B. Alexander. There was an interesting display of fruit.

Among chrysanthemums, the most admired was a bloom of Dr. Englehart, of English extraction, shown by H. W. Poor, Esq. In color a good pink, habit incurved, in fact, it might be styled a pink Appleton, as it very strongly resembles this old favorite.

THOS. MURRAY.

POUGHKEEPSIE, N. Y.

The Dutchess County Hort. Society gave its eighth annual exhibition in the State Armory here Nov. 11 to 13. The grand hall was brilliantly illuminated with 600 electric lights and the exhibits were most effectively arranged. The show was most creditable to all and the flowers and plants as good as any I have seen this year. The table decorations were remarkably good.

Lyman Brown, president of the society, had some fine displays from the State Hospital. Mr. Brown holds the record of "100 new members" as his one day's offering to the annals of the society, which is now one of the strongest in the country, with a membership of nearly 300 and a record for hospitality and progress unequalled. W. G. Saltford is entitled to special credit for his good work at this show.

In the decorative plant classes the leading prize winners were Archibald Rogers (Samuel Horn, gardener); Winthrop Sargent (W. G. Gomersall, gardener), Frederick Vanderbilt (Robt. Gardner, gardener), F. R. Newbold (Thos. Bell, gardener), and Daniel S. Lamont (A. Nichols, gardener).

In the chrysanthemum bloom classes winners were W. G. Saltford, Samuel Thorne (I. L. Powell, gardener), Archibald Rogers, F. W. Vanderbilt, Winthrop Sargent and Levi P. Morton (Thos. Talbot, gardener).

Prize winners for roses and carnations were Giraud Foster, Archibald Rogers, Samuel Thorne, Daniel Lamont, M. B. Tillottson, W. H. Waite, Adam Laub & Son and W. G. Saltford.

In chrysanthemum plants leading winners were Daniel Lamont, Frederick Potter (W. C. Roberts, gardener), Winthrop Sargent, F. W. Vanderbilt and F. R. Newbold.

The violet contest was especially interesting. The leading prizes were taken by J. Herman Asher (Thos. Bell, gardener). W. G. Gomersall won first for table decoration and second went to G. H. Howarth.

TARRYTOWN, N. Y.

Through the courtesy of Secretary Neubrand I was given two very interesting hours on the last day of the show at Tarrytown, and was more than charmed by the artistic arrangement of the exhibits, their excellent quality and the grand specimen plants and ferns from the great private collections in this vicinity. This fourth exhibition of the Tarrytown society is away ahead of its predecessors, financially and artistically. The poster was a handsome one, much in evidence in the city stores, and the attendance was very gratifying to the officers and members of the society. Its patrons include all the wealthy residents of this charming neighborhood. The Music Hall, where the exhibition took place, is a splendid room for the purpose. In the center was a bank of the Pierson fern, which received the society's silver medal.

The vegetable and fruit exhibit was a grand one. A large delegation of professors and pupils from the Briarcliff Manor School were delighted visitors on Thursday afternoon.

In the chrysanthemum plant classes the leading prize-winners were Wm. Scott, gardener for Jos. Eastman; Wm. C. Roberts, gardener for Frederick Potter; Jos. Haworth, gardener for David Oppenheimer, and Geo. Middleton, gardener for Wm. Rockefeller.

In the chrysanthemum cut bloom classes winners of firsts were Geo. Middleton, Wm. Scott, Wm. C. Roberts, Samuel Riddell (gardener for F. A. Constable), Wm. Nye (gardener for Miss Blanche Potter), and John Henry (gardener for Samuel Goodman).

Varieties prominent in the winning entries were: Lady Roberts, Merza, A. J. Balfour, Florence Molyneux, Kate Broomhead, Appleton, Nellie Pockett, Mrs. Barkley, Goldmine, Mrs. Jerome Jones, Timothy Eaton, Peter Kay, W. H. Chadwick, Golden Wedding, Mme. Carnot, Mr. T. Carrington, Mrs. Mease, Mrs. J. C. Neville, Mrs. J. Mileham, J. R. Upton, Princess Bessaraba, John Shrimpton.

In miscellaneous plants the leading prizes were won by Howard Nichols, gardener for Mrs. J. B. Trevor; W. H. Waite, superintendent for Samuel Untermeyer; Wm. Scott, and Ernest Townsend, gardener for C. A. Gould.

In cut roses and carnations the winners of first awards were W. H. Waite, Geo. Middleton, Jas. Ballantyne, Wm. Nye, Geo. Draycott, Robt. Allan and Wm. C. Roberts. Firsts on violets were taken by Richard Lange, John Johnson and Wm. Nye. Howard Nichols was first for table center piece. Several special prizes were awarded.

ELMIRA, N. Y.

Elmira Horticultural Society.

The Fifth Annual Chrysanthemum Exhibition was held Nov. 11 and 12, and the flowers exhibited and the attendance would indicate no falling off in interest in the Queen of Autumn. The exhibits were large and the flowers in nearly all classes showed improvement in quality over former years.

The Board of Trade cup for best seedling not disseminated excited the most interest among the prizes. It was awarded to a seedling originated by Mr. Rawson, which may be described as follows: White tinted primrose, petals broad and twisted, reflexed center, incurved, good sized stem and foliage. It was grown and exhibited by Mr. John Rudy and may be named "Strathmont."

William Paul Binder, of Rider, Md., sent three blooms of Mrs. Harry V. Casey, which is a very promising variety, beautiful pure light pink, broad petals, reflexed, tips incurved and of good size.

From Nathan Smith & Son came a collection of their splendid old and new varieties, including among others the great prize winner, F. J. Taggart; the fine red bronze, Edgar Sanders; the beautiful yellow, Mrs. J. J. Glessner; Bentley and Merza.

R. Vincent, Jr. & Son, of White Marsh, Md., sent a large and interesting collection of pompons.

The exhibit from the Strathmont greenhouses of Hon. J. S. Fassett showed the intelligent, liberal interest of that gentleman and the able care of the gardener, John B. Rudy. Among the large number of varieties staged the most notable in this exhibit were Timothy Eaton, Calvat 99, a new French white, a beautiful English pink variety called Mrs. Barksdale, Jessie Cottee, Thomas Carrington, also a fine vase of Liberty roses, some violets and seedling carnations.

The best of H. N. Hoffman's exhibits were some very large Timothy Eaton and Col. Appleton mums, a vase of 100 Estelle carnations of large size and deep, rich color, and some well developed plants of cyclamen in full bloom.

Grove P. Rawson had an attractive exhibit filling two tables, the most noticeable being Col. Appleton, Lady Hanham, Idavan, Orizaba and Philadelphia mums, good roses, Prosperity and Lawson carnations and some well-developed plants of celestial pepper, Chinese lantern plant and various solanums.

Fred La France and Geo. Backer exhibited some good carnations of several varieties, and Emerson Orvis some chrysanthemum plants and cut flowers and carnations.

Robert Leavitt displayed his flowers and decorative material in a neat and attractive booth.

The success of the exhibition is due very largely to the busy labors of the secretary, Miss Flora Swift, and her able assistants, who are to be sincerely congratulated on the result of their efforts. H.

INDIANAPOLIS, IND.

The Society of Indiana Florists held its fall exhibition at the State House on the 12th. The exhibits were not as extensive as they might have been, but the room was well filled and the quality was very good. The public was invited free and a good many people viewed the show.

Benthey & Co.'s First Prize Vase of One Hundred Brides at the Chicago Show.

The exhibitors were mostly local, with the exception of Messrs. Stuart & Haugh, of Anderson, and the South Park Floral Co., of New Castle. A certificate of merit was awarded to Mr. H. W. Rieman for a vase of a seedling mum called "Adelia." It is of Robinson form and general appearance, but it is not troubled with the weak neck which so often ruins Mrs. Robinson. This variety is sure to make a grand commercial sort, as Mr. Rieman says it is a very easy doer. He also showed several other seedlings of decided merit and a vase of his silver medal white "Majestic," which is a grand thing.

Baur & Smith had on exhibition a fine lot of carnation seedlings, among which were several striking ones. Beatrice is apparently a Dorothy of Daybreak shade and should make a good commercial sort. John Mitchel, a fine large white; The News, a fine large scarlet; Fascination, a large Daybreak shade, and Cherry Ripe, of Leslie Paul color; all attracted much attention. The largest carnation blooms in the hall were of a white seedling called Monstrosum, the blooms of which were over 3½ inches. They also showed Mrs. Lawson, E. Crocker and Crane in good shape, and three vases of mums—Eaton, Mary Hill and a small pure white of their own.

Bertermann Bros. filled up a table with banked up back of it and made the prettiest display in the room. Their tables always have many novelties not often seen, such as orchids of various kinds and rare ferns. Their Begonia Lorraine and cyclamen are unusually fine this year.

E. A. Nelson filled a table with mums, carnations, roses, Boston ferns, cyclamen and Gl. de Lorraine, all of which were well grown and made a good show.

John Hartje had a nice lot of carnation seedlings and as usual they attracted much attention. John has some good whites which should be heard from soon. He also showed a large vase of Appleton which were good.

E. Huckreide & Son showed six vases of well grown mums and a fine lot of market plants in 6 and 8-inch pots, besides some fine single stem plants. All these were very fine.

Wm. Glaubke showed three fine plants in 6-inch pots which were wonderful for that size pot. Also a vase of the old Diana, which brought back memories of olden times when this and old Kioto and Cullingfordii were the main stand-bys in the mum line.

The Young & Smith Co. showed a fine lot of violets, for which they have become famous, and justly so, as their blooms are hard to beat. They seldom have any surplus.

Mr. Stuart came down from Anderson with a grand lot of mums, roses and carnations. His Eaton and Appleton were grand. The roses were Brides, Maids and Golden Gates and the carnations were Lawson and Avondale, all of which were of extra high quality.

The South Park Floral Co., of New Castle, sent down a vase of the new rose Franz Deegen, which were very good, though not so good as I have seen them. This ought to make a good commercial sort and if it holds up well all winter it will have a good sale, as a good yellow rose is wanted badly.

There were no certificates awarded on carnations, because we always have a show principally of carnations in January and they show their true character better then.

Phil Conway showed a fine vase of Bonnaffon mums. A. B.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings, sports and new importations:

Boston, Nov. 10.—The E. G. Hill Co., Richmond, Ind., exhibited Dr. Oronbyatekha, sport of Timothy Eaton, light yellow, Japanese, incurved, which scored 91 points both commercial and exhibition scales. T. D. Hatfield, Wellesley, Mass., exhibited a sport of Oriental Glory, yellow, tinged apricot,

Benthey & Co.'s First Prize Vase of One Hundred Bridesmaids at the Chicago Show.

Japanese, incurved, which scored 85 points exhibition scale.

New York, N. Y., Nov. 15.—The E. G. Hill Co. exhibited R. E. Richardson, bright rose pink, silvery reverse, incurved, Japanese, which scored 89 points commercial scale. John N. May, Summit, N. J., exhibited Mrs. R. W. Smith, creamy white, Japanese, which scored 87 points commercial scale. Uwanta, by same exhibitor, magenta rose, Japanese, reflexed, scored 85 points commercial scale. Herman C. Steinhoff, West Hoboken, N. J., exhibited Catherine Steinhoff, a pink sport of Maud Dean, Japanese, incurved, which scored 74 points commercial scale.

Cincinnati, O., Nov. 15.—The E. G. Hill Co. exhibited R. E. Richardson, which scored 92 points commercial scale. Nathan Smith & Son, Adrian, Mich., exhibited a yellow variety, Japanese, reflexed (same as Nagoya), which scored 79 points commercial scale. This variety has been named H. W. Buckbee.

The name of the variety exhibited by Nathan Smith & Son at Cincinnati on November 8 as Jersey Cream has been changed to Mrs. J. J. Mitchell.

NEW YORK, Nov. 8.—Nathan Smith & Son exhibited Convention Hall, pure white, Inc. Jap., with red reflexed guard petals. Scored 97 points. The E. G. Hill Co. exhibited Yellow Eaton, bright canary yellow. Scored 86 points commercial scale.

EDWIN LONSDALE, Secretary.

CHRYSANTHEMUM MRS. E. THURKELL.

I noticed the account of a chrysanthemum in many of the trade papers, which is attracting considerable attention as an exhibition variety. There were two blooms shown at Chicago under the name of Mme. Thirkall. Being interested in all new comers, and desiring to know of its origin, have after some search been able to locate said variety. The correct name is Mrs. E. Thurkell, one of Mr. Thos. Pocketts seedlings. Herewith I append a description as given in G. Brunning & Sons' catalogue, who are noted Australian raisers: "Mrs. E. Thurkell, very deep yellow, late flowers, bronzy yellow, extra large, grand exhibition variety, best on late crown buds."

I furnish you this information with the hope that all parties cataloguing may adopt the correct name and thus avoid some confusion.

ELMER D. SMITH.

ST. PAUL.

The first local exhibition in many years, a list of awards of which was noted in last week's issue, was a decided success, and from present indications will hereafter be made an annual affair.

The first day the weather was ideal. On Tuesday and Wednesday, however, the rain descended and made going out anything but pleasant. In spite of the weather, however, there was a good attendance, so good that the management decided to keep the show open another day, and reduced the admission price to 10 cents, with the result of a very largely increased attendance.

The show was made a society event, in which the elite of the city participated. Monday was colonial day, and the ladies powdered their hair as in the days of Auld Lang Syne and dispensed punch and refreshments with rare grace and celerity. Tuesday was German day and the ladies served tea and luncheon dressed in the "Vaterland" costume. Wednesday was Japanese day, this being very appropriately dedicated to the home of the chrysanthemum, the chief flower of the show. As on the previous days, costumes representing the country were worn.

Governor Van Sant and staff were present Monday evening and opened the show in a neat two-minute speech. A ladies' stringed band discoursed music night and day and Monday evening the famous Minneapolis Journal Newsboy band played.

At the close of the show on Thursday the ladies decided to repeat the show annually, as it was a decided success florally, socially and financially.

Frank Berry, of Stillwater, was judge of cut flowers. Thos. Hall, Gust Malmquist and Prof. S. B. Greene were judges of plants. Supt. Nussbaumer, of the city parks, built a pagoda in the center of the hall, using a great many plants in the roof. While as a display it would not be considered worthy of a prize, still as a great assistance to the ladies and to the florists it was very commendable, and he has the thanks of all for his labors to make the show a success.

L. L. May's display was the best in the hall, both in the number and quality of the flowers and plants and in the artistic arrangement of the whole. A mantel and fireplace made of greens and flowers and a beautiful Persian rug in an original design, made of pink, white and yellow mums, was most beautiful and attractive. He displayed 22 varieties of single stem mums, including Hill's new Mme. Liger, 17 varieties of carnations, 11 varieties of roses and 5 of violets.

Holm & Olsen had a very creditable display of mums, both in plants and cut flowers, also roses and carnations. Their prize design was a cornucopia of mums in relief on a background of the same flowers. It was most highly praised by all and was a fine piece of work. It was arranged by E. P. Holm, the senior member of the firm.

Aug S. Swanson's display of palms, ferns, araucarias, pandanns, draeaenas, begonias, ficus and other decorative plants was very large and attractive. He also displayed a few of the best mums and a table centerpiece which was changed daily. Monday it was a basket of that most charming orchid Oncidium varicosum in long drooping sprays. Tuesday cattleyas graced the board, while on Wednesday a most magnificent basket of Salvia splendens gave a glow of warmth and richness to the surroundings. Mr. Swanson's entire display was very fine, but was not entered for competition.

Dr. Schiffmann had an elegant display of over 50 orchids in bloom, and says it would have been much larger and richer had the show been held two weeks earlier.

Windmiller & Co. displayed a magnificent vase made of Ivory mums with handles of Daybreak carnations; a garland of valley was interwoven with the mums. The vase held a dozen of the very choicest long-stemmed Beauties.

E. F. Lemke's display was one of the best in the room. In addition to a large collection of cut mums and roses he had palms, ferns, ficus, etc. He also displayed a large basket tastily arranged of Autumn Glory mums, and a harp of roses over 5 feet in height, made up in Louis Venzke's best style.

The Minneapolis Floral Co. exhibited 15 varieties of roses and 25 of cut mums. A. Hallstrom, gardener for J. J. Hill, had a fine display of mums and decorative plants, also cypripediums.

Vogt Bros. showed a fine collection of

palms, ferns and mums; a well-made basket of roses, and a shaft or column of mums.

Mendenhall displayed Adiantum Farleyense; mums, roses, carnations and a cross of roses and a Gates Ajar design.

The best mums seen were Timothy Eaton, Yellow Eaton, Appleton, Golden Wedding, Autumn Glory and Mme. Liger.

The best roses were Beauty, Bride, Bridesmaid, Liberty and La France. The best carnations, Enchantress, Prosperity, Bradt, Lawson, Gov. Wolcott, Estelle.

X. Y. Z.

CHRYSANTHEMUMS.

Some Varieties.

I see with pleasure that Convention Hall, the new white variety of Messrs. N. Smith & Son, was awarded 97 points when exhibited before the committee in New York last week. I thought it a perfect model when I saw it for the first time two weeks ago. It is of the purest white, so white that Mrs. Weeks is dirty compared with it. My object in speaking of it now is to express surprise that this variety does not appear to figure much in the flower show reports throughout the West so far. Possibly it may be later out there, and not ready in time for exhibiting. Certain it is that Eaton or any other white with which I am acquainted would not be able to compare with it if set up as I saw it recently.

Another white that has surprised me this year in the way it finished is Florence Molyneux. This variety was very weak in growth all the season, and I marked it down as a good thing to get rid of. I was consequently greatly surprised when Florence showed, to use a colloquial expression, that she "had a great head on her." The only fault was that the head was a little too heavy for the neck; but from my own and others' experience with it I feel justified in recommending this variety for a good trial next season as a midseason to late exhibition sort.

Yellow Eaton is not having the luck that its progenitor had when struggling on the boards for recognition, for I see that Appleton beat it in the cup contest at Chicago, and the White Eaton beat it when set up in the competition for 50 flowers of one variety at the Institute in New York. I did not see the Chicago competition, but I know that Appleton is a hard variety to run up against in a competition, and is a better color than any Yellow Eaton I have yet seen.

I have never yet seen a white variety produce a yellow sport that is a really deep yellow. Look at Basset, the yellow sport of Robinson, Yellow Robinson, Yellow Jerome Jones, Yellow Mutual Friend and a host of others. The color in all these varieties is too light for them to show well at an exhibition when the class calls for a vase of yellow, 6 or 12 flowers, or whatever the case may be. The yellow inside the petal is yellow enough in Yellow Eaton, but the reverse of the petal is much lighter, and as much of the reverse is seen it makes the flower appear lighter than it really is. Where Yellow Eaton will find recognition is with those large commercial growers who put out a thousand plants on the bench and figure on cutting a thousand flowers. This is the greatest merit of the white Eaton, and the yellow one deserves to be grown extensively for the same reason. When a variety produces many culls, as lots of the finest exhibition kinds do, their value falls greatly in the commercial grower's eyes.

The competition in New York when Yellow Eaton was beaten by the original Eaton I did see, and in this case it was beaten solely because the flowers of the white variety were so much larger. This is, of course, no disgrace for Yellow Eaton, because since it is a sport from the white it naturally follows that it could be grown equally as large, the difference being one of cultural skill merely.

What kind of luck could a variety have anyway that is burdened with such a name as Oronhyatecka. I believe the gentleman it is called after is a prominent Forester, and if I were a mum and received such a name I would certainly feel like "taking to the woods." Persiflage aside Yellow Eaton will be grown extensively next year by those who grow Eaton well, and their name is legion.

Exhibitions.

The exhibitions are now practically over and seem, generally speaking, to have been successful. New York is apparently an exception so far as the financial end of it goes, but blase New York wants to attend nothing more elevating than a Tammany overflow meeting or Hubers' Musee. Unless a prizefight or a murder trial is thrown in as a side attraction, it does not seem that there will ever be a satisfactory attendance at a flower show in the principal city of the "effete East." The smaller horticultural societies in many neighboring towns around New York put up good shows, and are not doing any kicking, but they work on a very different basis. They are helped financially by the wealthy residents, who take a personal interest in the show and expect their gardeners to exhibit and bring home some prizes. This results in a good show, with lots of competition and lots of local interest, and also is very beneficial to the aforementioned wealthy residents as it compels their gardeners to grow good stock in order to keep up with the procession. In the east the private gardener has practically driven the commercial grower away from the exhibition table by the excellence of his product, while in the west the commercial man still seems to hold down everything in sight. Time will undoubtedly bring the western commercial grower to his knees, when the spirit of horticultural emulation gets to working among the western millionaires and they go in for raising larger flowers than their neighbors.

Merza has made a tremendous showing at several exhibitions. Flowers 30 inches in circumference are spoken of at the Boston show while Tarrytown and Cedarhurst also record phenomenal flowers of this variety. The habit it has of wilting quickly is often the only drawback that prevents Merza from being grown much more extensively.

Brian Boru.

ROSES.

Seasonable Hints.

In seasonable hints of last week a slight digression was made from the subject I intended to write about—viz: the propagating house, its care, etc.

In the first place, the propagating house to be a success should be built and fitted up for this express purpose, and as cuttings in their earlier stages are very impatient of direct sunshine it should be placed in such a position as to be easily shaded. One of the best houses for this purpose I have seen was built against the north wall of a rose house. This wall was seven feet high, the house had a span roof, with the long slope to the north, was ten feet wide, thus allowing space for two benches, one against the north and another against the south wall, with a path in the center.

The south bench required practically no shading, while the north bench was shaded by having a thin muslin curtain hung in front of it in such a way as to be easily removed when not required.

A great drawback to most propagating houses is in having the benches too near the ventilators, thus allowing the cold air to come in direct contact with the cuttings before being qualified by the temperature of the house.

A very serviceable and economic bench can be constructed much on the same lines as the tile-bottomed benches used in growing houses, only substituting bricks for tiles, placing the bricks close enough together to prevent the sand from running through. As the bricks absorb the heat and retain it for a long time it will be easily seen that a much steadier bottom heat can be maintained than could be obtained by using either slates or wood for bottoming. The initial cost, of course, will be greater, but if the benches are properly constructed they are practically indestructible and will in a year or two repay the outlay.

In order to have full control of the temperature under the benches they should be enclosed with walls of either cement or brick and should be independent of the walls of the house, and ample provision made for regulating the heat by having a number of sliding panels placed at intervals of six feet apart along the walls.

Previous to filling the benches with the material to be used as a propagating medium, the bricks should receive a coating of hot lime wash. This serves the double purpose of destroying insects and their eggs, and is also a safe guard against fungoid growths, and should be repeated with each fresh batch of cuttings.

Some growers recommend a mixture of sulphur with the lime wash as a preventive of fungoid growths. I cannot say if there is any merit in this, but the experiment is inexpensive and will not endanger the young stock.

Ribes.

CARNATION NOTES—EAST.

Cuttings.

As advised last week, secure at least a portion of your supply of those varieties you intend to add to your list, having them come unrooted. It is early yet to commence general propagation, but this matter can be in your minds for consideration as to the advisability of making a test.

As to the advantage of this method, I claim carnation cuttings taken from plants and directly packed in damp moss, are in better condition to stand a journey and will arrive in better condition, than those taken from the cutting bench where they have made delicate roots. More or less harm is done in handling and packing rooted cuttings; also the change of temperature from sand to shipping box on its jour-

Vase of One Hundred Brides Exhibited by Peter Reinberg at the Chicago Show.

ney is harmful and especially so, if the sand has been kept at too high a temperature. Any grower will agree that it is an advantage to put cuttings in soil as soon as possible after being rooted, reducing exposure of roots to air to a minimum.

We hear of varieties that do not succeed in some sections the first year, but improve the next. So familiarity does not always breed contempt, but I believe the cause is due to the fact that they must be acclimatized, and the sooner this process is begun the better. Is it not reasonable to state that the process will begin from the moment the unrooted cutting is placed in the different sand, watered and syringed with the different water, and surrounded by the changed condition, air, etc.? It would seem to me like a plant born of a seed and one likely to adapt itself to new conditions quickly.

This may seem like a lot of extra work or entirely unnecessary, but it is all these extra details that tend to score touchdowns and goals; more than that it is no longer an experiment with us, as the method has been demonstrated again and again, invariably with the best results. Where will you obtain your supply of the cuttings of the varieties purchased last year, and which you intend to continue? Will you send them back where purchased, thinking they can be rooted there only?

In view of the foregoing it may be well to state emphatically that my remarks are not in the least intended to discourage or belittle the business of rooted cutting specialists or to make any grounds for reduction in the price of cuttings. On one hand they are usually better equipped than most growers; on the other hand unrooted cuttings should sell at the same price as rooted ones. I neglected to say earlier that when these cuttings arrive, give them immediate attention, first giving them a bath in ammoniacal-copper solution, then into the sand at once.

GEO. S. OSBORN.

CARNATION NOTES—WEST.

After Thanksgiving day and possibly even before you will begin to think of your Xmas crop of carnation blooms. Those who find it profitable to grow especially for Xmas and Easter should have been handling their plants with that end in view for several weeks past and keeping the buds off and the shoots pinched back until about the first of this month and now they would be coming along in a rush with a big crop of buds just in time for Xmas. We need a constant supply of blooms from September until the next September, and possibly that is why I did not think of writing on this subject earlier in the season. Of course we need an extra lot of blooms at those times, too, and we try to have our heaviest cuts then, but you will find it more difficult to manage than when you don't care much whether you have blooms then or not.

The first part of this month has been exceedingly warm and it has partly upset our calculations. It has hastened the buds along on some varieties so that many have opened sooner than they were expected and shoots that would have bloomed just about the holidays have their buds showing now. If the weather remains cool and largely cloudy it may retard them again to some extent, but with bright weather some of the crops will be off before then. It is a pity sometimes that we can not regulate the weather, but think of what a glut there would be every holiday if we could, so I guess it is best after all that we can not regulate it.

Don't try to retard them much by running the temperature very low or you will have a lot of bursted calyxes on your hands, and don't try to force out the next crop or you will have a lot of weak stems and soft plants on your hands. The only way to regulate your carnation crops is by keeping off the buds and allowing them to come when it is time to allow a crop to mature by the date you want them. Much forcing or retarding by manipulating the temperature will nearly always result in disaster to the crops. There is nothing that is more difficult to counteract than a spell of warm weather, as there is no way to keep the temperature down in the houses when it is warm outside, and just when you may be thinking that your crops are all going to come in just right your hopes may be dashed to the ground by a spell of September weather in November. We can fight cold weather with our steam pipes, but old Sol has the upper hand of us when he chooses to take a hand.

We are now putting the third supporting strings on some of our benches. All the taller varieties, such as White Cloud, Lorna, etc., need them long before Mrs. Joost and Lawson, and others of the upright and stiff stemmed varieties. Put them on before the stems begin to grow crooked. Such varieties as Mrs. Bradt, that have very heavy blooms, should have supports close up to the buds to keep their weight off the stems as it will gradually make the stems grow crooked from being constantly bent over.

A. F. J. BAUR.

COLD STORAGE VALLEY.

Will a temperature of 18 to 20 degrees be safe for cold storage of valley in summer? Mine has been kept this summer at 31 to 33 degrees and it has not been satisfactory. For a while in the spring the temperature was about 40, but the boxes we opened to use from were all right then.

We repack our valley when received in the fall into cases of about 1,000 each, using moss around the outside, and sprinkle sand through the bundles of roots. We have access to two rooms in the cold storage house, kept at above named temperatures, but there is no intermediate temperature at our command.

If 18 to 20 above zero is too low, would it be safe to give the cases some extra protection and still leave them in that temperature? W. S. H.

Some few years ago was published a series of articles by Mr. Robt. Simpson, the best of authority on forcing, as well as storing, this beautiful and important little flower. I don't have the article at hand, but I can remember that the temperature for summer storage was at 28 to 30 Fahrenheit. Much lower—anything like 12 to 14 degrees of frost for months at a time—would destroy the flower and altogether weaken the growth. Even at 33, or 1 or 2 degrees above freezing, there is a slight start into growth. By some means you had better obtain the temperature best suited for these roots, and that quoted from Mr. Simpson is, I have found, the right thing.

I understand that some of the New York importers put away for cold storage the original cases just as they were packed in Europe. If this is so, it is remarkable how well they come out and satisfactorily force, as has been our experience with these roots in the month of August. We would prefer for our own use, when packing the roots in March for cold storage, to see that the roots were moist, not wet, and that there was a good covering of moss, top, bot-

tom and sides of each box. We don't believe it feasible to put the roots in 12 degrees of frost and so envelope them as to keep them above that temperature. To do this would be keeping them absolutely air tight, and that would never do. Keep them between 28 and 30.

William Scott.

CARNATION TROUBLES.

I send two carnation plants that I think are affected with stem-rot. I have a house of Joost and am losing three and four plants a week from this disease, though they are giving me the best crop of blooms I have ever had. Please give me a remedy for this disease.

I also enclose a bnd and bloom of White Cloud. The plants are healthy and the stem is good, but the blooms are largely diseased. What is the remedy? C. V. K.

The two carnation plants came in good condition and showed plainly what is troubling yonr carnations. It is not the common form of stem-rot and cannot be combatted with lime like the common form, or rhizoctonia rot. This is one called fusarium rot, and it is entirely distinct from the other, in that it is a dry rot, whereas the other one is a wet rot.

This one is also far more difficult to combat than the other, and I have never heard of a cure for it. Whenever we notice a plant that is attacked by it we usually pull it up and burn it and in that way we have so far kept our stock almost entirely free from it. This is by far the safest way to combat it. If you do not wish to sacrifice the diseased plants I would advise yon to spray the plants with the bordeaux mixture or the copper solution, preferably the latter. Dissolve one pound of snlphate of copper in one gallon of ammonia, and use one part to 50 of water and spray the plants thoroughly twice each week until you see that the disease has disappeared from your plants. Apply it in the morning after all the blooms have been picked, as it will stain them, though not so bad as the bordeaux mixtnre.

The bloom and bud you sent were pretty well dried up when they arrived here and they were of little help to me in diagnosing the case. I was not able to find any thrips, owing to the condition of the blooms, but from your description of it I am inclined to think the gentleman was correct when he told you it was thrips that was causing your trouble. You seem positive that it is not thrips, but are you sure that you know thrips when you see them, or do you know just how to find them? Take a bud that is showing about ½ inch of petal above the calyx and unfold the petals, one after another and look closely for a tiny insect about 1-16 to ⅛ of an inch in length and very quick of movement. I think you will find them.

If you have only white varieties in that house you need not be afraid to fumigate all you like, and I would advise you to do so every evening for a week; but if you have colored varieties in the house it will take most of the color out of the blooms and your loss will be considerable. A good tablespoonful of cayenne pepper on each pile of tobacco stems will help to make it more effective. Give abundant ventilation to free the blooms of the tobacco odor.

A. F. J. Baur.

AZALEAS FOR CHRISTMAS.

"F" asks: "What varieties of azaleas are best for holiday sales, and in what temperature should they be kept at night to have them in season?"

There are three varieties that are especially suited for early forcing, and they are: The well known Dentsche Perle, for white, is indispensable and can be had in flower at Christmas time without any trouble; Vervaeneana, the beautiful salmon and white, which forces well; and for a deep rosy pink, Simon Mardner is fine. Helene Thelmann is another beautiful rose pink that forces well, but it is not easily procured. The above are all semi-double and will fill the bill for this early season of flowering.

I have learned from wiser, if not balder, heads that contrary to what would appear reasonable, the plants that you have kept over summer on your own place, either planted out or in pots, and which should now be well set with buds, are not the plants for Christmas flowering. The newly imported plants are altogether better for this purpose. I think I can account for this by the conditions that the imported plants are subjected to after being lifted from the beds in Belgium. They are packed in close boxes, cross the Atlantic in the hold of the vessel, and the closeness and heat give the buds a start and they are ready with a little extra heat to go on and open their flowers. A temperature of 65 degrees at night will do for any of the varieties named and syringe daily until the flowers are open.

William Scott.

NEW YORK.

American Institute Show.

The American Institute exhibition last Wednesday and Thursday was a very creditable one, and well attended. The quality was superb and quantity abundant for the limited space for exhibits. Chas. H. Allen displayed his "White Lawson" and F. R. Pierson his prize winning Pierson fern. James Scott showed evidences of ability in the carnations grown by his "charges" at Randall's Island, and so demonstrated his ability to do "missionary work." The violets were superb.

Franz Deegen is the name that has settled on the new yellow rose by Ernst Asmus, and I suppose we will have to make the best of it. Messrs. Roehrs and Hale had their usual fine banks of decorative plants with orchid dressing, and Lager & Hurrell had their usual excellent orchid exhibit.

In the palm and fern classes the prize winners were Howard Nicol, Geo. Hale and Alex McKenzie. Specials were awarded to Lager & Hurrell for their orchids, to H. T. Clinkaberry for cypripediums, to Howard Nicol for ferns, to C. H. Allen for carnations, and to P. Sorenson for greenhouse plants.

In roses Louis M. Noe was first on 12 Beauties and 25 Teas, and Geo. Hale on 25 Brides and 25 Maids. First on violets was won by Lyons & Strickland, second by C. G. Velie & Son.

In the chrysanthemum bloom classes A. Herrington was first on 50 blooms, with white Eaton, second being taken by E. G. Hill Co., with Yellow Eaton. E. G. Hill Co. was first for pink, with the new R. E. Richardson. For 25 flowers W. Duckham was first, his collection including Appleton, Eaton, Carnot, Mme. Thurkall, Convention Hall and a number of interesting new sorts. J. G. McNicol was second. A. Herrington was first on 30 blooms in six varieties, his sorts being Eaton, Chadwick, Kate Broomhead, G. J. Warren, Appleton and Mrs. Barkley. Second went to James Bell.

In the chrysanthemum plant classes J. G. McNicol took three firsts and James Bell three.

F. R. Pierson Co. received a medal for their new fern, Nephrolepis Piersoni. Julius Roehrs was first for group of ornamental plants. Alex McKenzie won a special for poinsettias, Wm. Duckham a special for 50 mum blooms and A. Herrington for Gerbera Jamesoni.

Notes.

This week "turns the tide" in the cut flower business that has been so long ebbing; and the wholesalers and retailers alike will rejoice as the skies clear, the long period of dullness ends and "the flowing tide comes in." The horse show and the foot ball games are helping to reduce the violet and mum supply a little, and the cooler weather certainly is close at hand. "The good old summer time" has been "lingering in the lap" of autumn. Saturday it was 70 degrees. No wonder the market is glutted. Well, everything comes to the patient waiter, even prosperity. We anticipate a good season and a very helpful Thanksgiving. Holly will be used quite extensively in decorations.

One of the finest dinners of the year was given at Sherry's to M. Cambon, the French ambassador, last week, the floral decorations being very elaborate.

Among fine wedding displays lately was the Ellsworth wedding by Alex. McConnell, at the Church of the Heavenly Rest, which was entirely in white mums, the bridal bouquet of Dendrobium formosum and the bridesmaids' of "Cristopher Columbus" mums, which Traendly manufactures out of Ivory so deftly that its own "grower" wouldn't know it.

On the 25th, at the Grace church, McConnell has the Clark wedding, which will be one of the most elaborate of the year and which any of the city florists would find it advantageous to "look upon." The whole back wall of the church will be covered with wild smilax and on each side of the altar, columns extending to the roof, the whole decorated with white chrysanthemums. The same scheme of decoration will be used on the altar and pulpit, pedestals reaching down the center aisle to the door.

The Briarcliff Greenhouses, through Mr. Paul M. Pierson, have invited a few growers and friends to an "inspection visit" to their Scarboro greenhouses this Thursday, and especially to see the new house, 53x300, just completed on the "new principle," concerning which the Pierson-Sefton Co. are headquarters for information. The Briarcliff Farms, an estate of 8,000 acres, with the largest herd of Jersey cattle in the world, is on the programme.

Mr. Wesley B. Leach, with James McManus, the wholesale florist, this city, and also of the firm of J. & W. Leach, Astoria, L. I., was married Nov. 12 to Miss Florence A. Ayres, of the same town. The ceremony was a quiet one on account of the recent death of the bride's grandparent. The Review extends congratulations.

Seedling Chrysanthemums at the Chicago Show.

A Visit to Philadelphia.

The Philadelphia show was a hummer. I am sure Mr. Young will give you a thorough history of its achievements, but he insisted on my "impressions" being added and here they are.

Certainly it was the finest exhibition of the year, unless Kansas City overtopped it in extent, as did New York in space and unique decoration. All other places are handicapped at the start by their magnificent "hall." Better call it a "palace," for that is what it is, with its grand staircases, decorated ceilings and unparalleled conveniences. As to the exhibits they were abundant, varied and about as near perfection as we will get this side of the land of perpetual flowers. Specimen ferns were enormous; standard and bush mum plants worth the journey alone. I never saw anything better anywhere.

Dreer's new Pandanus is a charming thing. This firm knew a good thing when it secured control of it for the earth, for you know, of course, this firm owns it, and any sales of it in Europe are made by them.

F. R. Pierson Co., of course, laid hands on another gold medal for their fine group of Piersoni. It must be getting monotonous—this gold medal hunting. It's so easy to corral 'em!

That cycas of John Thatcher's was a gem. Jos. Hurley had a wonderful cacti exhibit, 250 varieties.

David Rust makes a rustling and efficient manager. Everything was in apple pie order, the cleanliness and neatness of the exhibits very noticeable, the order and restfulness of the whole show delightful. And such crowds, and the best people; really it was good to be there.

Down below the merry bowlers bowled, and John Westcott divulged the secret of his famous "punch." Deacon Harris got too gay in a bowling match Friday evening and allowed some opponent to drop a ball on his favorite bunion, so he is now laid up for repairs. Strange how lively these old young men get in that staid old Quaker town.

I see the cupboards of the club are full of cups won, and as there is no more room, perhaps Chicago and New York may get a cupboard of their own made for the winnings at Milwaukee.

Gude Bros., of Washington, were interested visitors on Friday night. John May and Leonard Barron, of New York, were also at the hall the same evening. There were no dissentients as to the quality and success of the exhibition.

There was not much time for visitations in a day; but I paid a few "pastoral visits," investigated the new market and beheld some charming retail windows, as well as some fine wholesale establishments.

At Dreer's the pandanus made an attractive window. Mr. Strohlein, of the company, had just returned from a week's visit at Richmond, where, after 30 years of absence, he helped to celebrate the golden wedding of his parents and renewed many happy memories.

Michell's is a busy place these days, and every day with its increased room and facilities. The brothers are always cordial in their welcome.

Harry Bayersdorfer and Paul Berkowitz were "too busy to breathe," but they took time to show me the evidences of enormous shipments and report the greatest business in their history.

Mr. Kift was gathering inspiration at the foot ball game, but his store and windows were as neat as himself, and he looks ready for a big winter's business.

So does Hugh Graham, whose orchid table decoration at the show, by the way, was a center of admiration.

Pennock Bros.' window was a dream, with its bird nest baskets and electric lighting.

Your Thanksgiving number was voted a "gem" by the trade here.

The new market is a success; the room large and convenient: the manager, Mr. Meehan, a most agreeable gentleman, a hustler and an optimist. As a distinct feature of the venture, I might mention the display of palms and supplies by the great growers of the vicinity, an innovation which will appeal, I am sure, as facilities and room increase, to the New York plantsmen. Dreer, Heacock and Harris have some splendid sample stock there and keep a representative at the market through the day.

Bowling.

A special meeting of the New York Bowling Club was held on Monday evening. There was a fair attendance and every prospect of a large membership during the balance of the season. Some excellent scores were made this week. A few of the best are here recorded:

T. Lang	156	175	159	179
W. Siebrecht	136	143	146	163
John Young	139	158	141	—
W. Sheridan	101	105	103	—
F. Traendly	116	138	156	—
W. Mansfield	144	142	150	—
J. A. Shaw	146	165	123	—
W. Bogart	78	89	99	—

J. AUSTIN SHAW.

BOSTON.

Trade Conditions.

Distinct changes have occurred, but nothing revolutionary! Chrysanthemums are going first-class, and purchasers must be on hand early, as all the bargains go early, and generally all the desirable flowers also. Roses have shortened up appreciably. Prices have changed but little, really, but there is no surplus left to sell under price, and probably all strain is off the rose question until the lull succeeding the holidays, anyway, and perhaps until spring.

Carnations are not so plentiful and their quality is vastly improved, so that better ones can be obtained for the same money and the heavy surplus of cheap ones is missing. It is not expected that poor ones will become scarce enough to cost more than good ones. Violets continue rather scarce, and are expected to remain so for some time, but I hear no one advance any reason why. All other flowers are running irregularly; paper whites very gradually increasing; greens of all kinds plentiful enough; and Robinson, of Court square, speaks of his new crop of bronze galax as of A1 quality.

Notes.

The Boston Globe gave me the first tidings of a horrible matter enacted in the woods of Maine. Mr. Wilfrid Wheeler, a well-known young florist of Concord, Mass., shot and instantly killed his guide while hunting deer on Thursday of last week. The party of four separated without sufficient understanding, and the uncertain light and a slight snow falling made Wheeler mistake the guide for a deer, with the above terrible result. Mr. Wheeler is a fine young man, upon whose mind the sad consequences will weigh heavily.

Mr. E. A. Richards, formerly of Lynn, was in town on Saturday from Greenfield, where he has been located for a couple of years or more. He is working up a good trade there, and feels so well pleased with it that he has purchased floral property and contemplates costly improvements thereon soon. But flowers, decorative plants and a renewal of his subscription for the fastest growing floral paper were his chief business items.

Miss Eunice Belcher sends out a tidy announcement concerning the opening of the "Medford Flower Store" at No. 9 High street, that city. Her expression, "Flowers for all occasions at prices inducing continued patronage," is original and worthy of imitation. Success attend upon her. J. S. Manter.

PHILADELPHIA.

The Market.

The cut flower market is improving despite immense quantities of flowers brought in by the warm weather. Prices range much the same with no indications of a general advance for Thanksgiving. Carnations are still too plentiful, great quantities of the poorest grades and some valley and chrysanthemums being sold on the street for a mere song. S. S. Pennock is receiving quantities of fine Dendrobium formosum. The first Roman hyacinths are coming in. W. J. Baker is handling some fine sprays. Chrysanthemums are a little less plentiful than a week ago.

Wyncote.

Joseph Heacock has a splendid collection of well grown palms. A visit to his place one day this week impressed me with the marvelous growth a few years had seen in the cultivation of foliage plants at Wyncote. Not very long ago there was not a palm to be seen there; today they are numbered by the hundred thousand in all sizes from the tiny seedling to specimens in 12-inch pots.

A house, 275 feet by 25 feet, filled with very handsome plants, fully six feet high, showed superior culture. One lot of Areca lutescens in 10-inch pots, beautifully shaped, with luxuriant dark green foliage, was particularly attractive; this size is very scarce about Philadelphia now. Three other great houses were filled with 4, 6 and 8-inch arecas and kentias, all in prime condition. Ten or twelve smaller houses, each 100 feet long, were also devoted to these varieties of palms. There are some made-up plants of Kentia Belmoreana, but most of this variety are grown singly to meet the market requirements.

A couple of houses devoted to Cocos Weddeliana were a pretty sight. Mr. Heacock has a method of growing these tiny specimens that produces a vigorous and perfectly symmetrical plant. There was a nice batch of Latania borbonica in 4-inch pots, just showing character leaves. Great quantities of kentia seed, both Belmoreana and Forsteriana, have lately been sown. Areca lutescens in 6-inch pots were well done.

There are about a dozen houses of Beauties, all in excellent condition, full of breaks and without a trace of spot. A few Beauties are being tried in ground beds. Two large houses are devoted to carnations. One is filled with White Cloud, the other with Melba, Mrs. Frances Joost and Mrs. Lawson. The propagating house is partly filled with Cypripedium insigne, well covered with buds and blooms.

The Flower Market.

Manager Meehan reports business as steadily increasing. Cut flowers are selling well, most of the growers selling out early each morning. A number of fine foliage plants are kept in stock as samples, and many orders have resulted therefrom. One lot of a thousand plants was sold last week. Applications for space are coming in at an encouraging rate. Richard Umfried, for many years with Fred Ehret, the uptown commission florist, began his duties as assistant to the manager last Monday. Mr. Umfried has a thorough knowledge of the business, and will be a great acquisition to the new enterprise.

A number of distinguished out-of-town visitors dropped in last week.

The choice of stalls will be auctioned on Saturday morning, November 22, instead of last Saturday, as previously stated.

Bowling.

The Florist Bowling team, all simonpure florists now, defeated the Eagle club in three straight games in a bowlers' league contest last week. In this match the new system of changing players in the middle of the contest was put in practice. George M. Moss, D. T. Conner and Walter Yeates, bowling in all three games, while W. R. Gibson, Frank Potites, and W. K. Harris each bowled in but two matches. Phil.

Mrs. Lemuel Ball, wife of Lemuel Ball, of Wissinoming, died last Sunday after a very brief illness, the cause of death being some form of kidney disease. Mr. Ball has the deepest sympathy of his many friends in his bereavement. T.

BALTIMORE.

The Market.

The weather here has not been such as tends to a flourishing condition of business. We have had but one general killing frost, and in situations at all sheltered bedding plants stand outdoors almost unharmed. During the past two weeks on several days the mercury stood at 76 degrees. A number of growers of chrysanthemums amongst the trucksters and small farmers are bringing in very creditable flowers grown outside without protection. The bulk of the mums is over and pretty much everybody in the trade is glad of it, though some growers, like the resourceful and worthy William Christy, promise to keep shipments up until Christmas. Great quantities of all grades have been put on the market and, notwithstanding the large numbers passing into the hands of the street venders, many must have gone to waste.

Carnations also, so far this season, have been in excess of the demand, and the sidewalk dealers have been offering good flowers at from 6 to 10 cents a dozen, to the disgust of the regular market men, and of the stores as well.

With the passing of the chrysanthemums a general stiffening up of all kinds of stock may be looked for. Indeed, good roses are already in demand, quite up to, if not beyond, the supply. Violets are coming in very slowly and their quality cannot be put down as first-class. Many shipped from the south are fair enough to the sight, but they lose all fragrance in their journey. Women of fashion are again displaying large bunches on the corsage.

Unprecedented dullness has characterized the trade for the past two weeks. The chrysanthemum deliveries have been largely in excess of demand. Today (November 17) there is a palpable improvement, and flowers are in considerable more request, roses being short of requirements.

Chrysanthemum Show.

Chrysanthemum shows have had their turn here. At two of our large parks for several days there were throngs of visitors to see the displays, and last week the Gardeners' Club held its annual show at the accustomed place, Lehmann's Hall. There were some fine flowers staged, but neither quantity nor general display was equal to the exhibitions of former years. The Eatons, Appletons and Chamberlains were fine examples, without any remarkable preponderance of quality amongst the various deposits in the several classes. Some interest and some feeling seemed aroused in the award of a special prize of a piece of silver from a mercantile house for the best vase of fifty pinks, the ribbon going to Thos. H. Patterson for his Maud Dean, over a seedling, Mrs. Casey, of Paul W. Binder, which gave promise last year of possessing desirable qualities. One of the daily papers is authority for the statement that the judges gave half an hour to the decision of the contest.

The judges were: Messrs. Gude (W. F.), Baner and Blackistone, all of Washington. The show had no effect in stimulating trade, as it has sometimes had before, and the attendance of visitors was disappointing. Doubtless the park displays accounted in part for this, though many think it is due to the want of anything like novel features, or varying disposition of material from year to year.

Notes.

Amongst the trade there has been a general brushing up for the season's trade, and stores and wagons have been repainted and decorated. William J. Halliday, of 316 North Charles street, has remodeled his premises, covering the walls with plate mirrors, not only adding to the apparent space, but making an attractive and tasteful change. The wood work is all white and the effect is neat and pleasing.

A new candidate for public favor is Ernest Prigge, who has opened a new store on Liberty street, near Lexington, in the very center of the retail shopping section. He comes lately from the Lake View Greenhouses at Jamestown, N. Y., though he was engaged at one time as a florist in this vicinity.

J. A. Ritter, of North Charles street and North avenue, whose attention heretofore has been divided between a flourishing florist store and a tonsorial establishment, informs us that he has sold the latter and will hereafter devote his entire time to the sale of plants and flowers. B.

Andrew Benson in his Great Impersonation of J. Pierpont Morgan Coppering Lawson, at the Chicago Show.

CHICAGO.

The Banquet.

The annual banquet of the Florists' Club at the Auditorium Hotel last Thursday night was a very enjoyable affair. About 100 sat down to table and the dinner was strictly first-class. Mr. P. J. Hauswirth was chairman of the committee of arrangements, which is always a guarantee as to the quality of the viands and accessories.

With the advent of the coffee and cigars, President Winterson, of the Florists' Club, in a short address introduced Mr. W. H. Chadwick, president of the Horticultural Society of Chicago, as toastmaster.

President Herrington, of the Chrysanthemum Society of America, responded to a toast to that organization, and said the members owed a debt of gratitude to the Horticultural Society of Chicago for making possible the joint exhibition then in progress. He believed there was a great and useful future before the Chrysanthemum Society, and his announcement that thirty new members had been added to the roll the day before was received with applause. He concluded by presenting to John Poehlmann the silver cup won by his firm for best ten chrysanthemum blooms at the exhibition.

E. G. Hill responded to "Progress in Horticulture," noting the great advances made, especially in the last decade, and Elmer D. Smith spoke to "Progress in the Culture of Chrysanthemums," making some interesting comparisons between the varieties of today and of a dozen years ago.

Prof. John F. Cowell responded for the "Botanic Gardens" and cited several important plant introductions through them. Judge W. J. Vesey paid a pretty tribute to the beauty and fragrance of the rose and the carnation, and Frank Robinson responded for Kansas City. Alex Wallace, of the Florists' Exchange, responded for "The Horticultural Press," and C. C. Pollworth to "The Next Meeting of the S. A. F." G. A. Rackham, J. D. Carmody, W. N. Rudd, J. C. Vaughan, Philip Foley, and others were also heard.

Frank Carter, G. H. Pieser, Jr., and the club quartette enlivened the program with numerous songs, and Anton Then gave a special selection of his own.

A telegram of condolence was sent to Edgar Sanders, whose enforced absence was regretted by all.

Out of town visitors present were: A. Herrington, Madison, N. J.; E. G. Hill, Richmond, Ind.; J. F. Cowell, Buffalo; Alex Wallace, New York; F. E. Dorner, Jr., Lafayette, Ind.; Elmer D. Smith, Adrian, Mich.; W. J. Vesey, Ft. Wayne, Ind.; J. J. Beneke, Fred C. Weber, F. M. Ellis, Otto G. Koenig, C. A. Kuehn, A. Jablonsky, J. F. Ammann, Theo. Miller, Fred. H. Meinhardt, J. Steidle, Rudolph Windt and W. Ellison, St. Louis; N. Zweifel, C. C. Pollworth, A. Klokner, H. V. Hunkel and W. A. Kennedy, Milwaukee; G. A. Rackham, L. Bemb, Walter Taepke, Wm. Dilger, R. H. Flowerday, Hugo Schroeter, Thos. F. Browne, Theo. Mitchell and F. H. Beard, Detroit; J. M. Gasser, Cleveland; M. Heller, New Castle, Ind.; Otto Sylvester, Oconomowoc, Wis.; J. B. Fotheringham, Tarrytown, N. Y.; S. S. Skidelsky, Philadelphia; G. J. Bertermann, Indianapolis; J. A. Peterson and R. Witterstaetter, Cincinnati; J. C. Rennison, Sioux City, Ia.; A. C. Canfield, Springfield, Ill.; S. Alfred Baur, Erie, Pa.; A. Peterson, Paxton, Ill.; C. W. Johnson, Rockford, Ill.; F. M. Robinson, Kansas City; R. Miller, Ripon, Wis.; J. D. Carmody, Evansville, Ind.; W. L. Kring and E. N. Kring, Fairbury, Ill.; James Hartshorne, J. D. Thompson and F. S. Allen, Joliet, Ill.

Other Visitors.

Among other visitors not at the banquet and not reported last week were: H. G. Berning and wife, St. Louis; M. F. Kyle, Kalamazoo, Mich.; G. F. Crabb and Eli Cross, Grand Rapids, Mich.; Miss Arnold, Omaha, Neb.; E. Holland, N. Olmsted, O.; C. E. Wonsetler, Bryan, O.; Chas. E. Gullett, Lincoln, Ill.; H. W. Buckbee, Rockford, Ill.; Geo. A. Kuhl and wife, Pekin, Ill.; A. C. Brown, Springfield, Ill.; A. H. Bunde, St. Paul; T. S. Joy, Nashville, Tenn.; John Willius and wife, Danville, Ill.; J. M. Smeley, Aurora, Ill.; Theo. Dorner, Lafayette, Ind.; Mrs. M. E. Eaton, Lyons, Ia.; J. O. Kemble, Marshalltown, Ia.; Miss Pauline Windmiller, Mankato, Minn.; J. J. and H. H. Hellenthal, Columbus, O., and others.

Notes.

The sun showed his face again on Wednesday. If the bright weather continues, and without a cold snap, the Thanksgiving supply ought to be ample.

Mrs. C. L. Washburn has been taken seriously ill and is now at a Michigan health resort.

Edgar Sanders continues to improve and keeps cheery and happy. He much enjoys visits from his friends in the trade.

ST. LOUIS.

The Market.

Business the past week was somewhat better, as compared with the week before, owing to a number of social events and a large amount of funeral work. With Thanksgiving on hand for next week a decided increase in business is expected.

The rose stock is very fine; in fact, better than seen for some time.

Carnations are coming in freely, and the percentage of really first-class blooms is large and for which there is an active demand, while the common sorts are left over for the cheap trade.

The good supply of chrysanthemums continues, but the demand for them has been rather slow. The fancy sorts sell better, and, while the price on them remains about as before, sales are more ready and the stock no longer accumulates at the wholesale houses.

Within the past week violets have been coming in large lots and of very fine quality. The supply is larger than the demand and many remain unsold. Lily of the valley and Romans continue in fair supply and the demand is good. Some good, clean smilax is seen, which sells well.

The prospects for a good supply of and a brisk demand for cut flowers for Thanksgiving day are good.

Trip to Chicago.

As we were not in the "show business" this year, a party of eighteen florists spent three days inspecting the Chicago show. Not only did we enjoy the grand show of cut blooms, but also the good fellowship that was extended to us on every hand. I could write column after column on what and whom we saw and heard, but knowing that space at this time of the year is limited, I will say that the trip was a most enjoyable and instructive one and those who did not make it missed a treat. The growers of the party, Messrs. Ammann, Steidle, Jablonsky, Windt, Meinhardt, Koenig

and Miller are loud in their praises of what they saw at the large establishments around Chicago and Joliet. The bowlers were well entertained on Wednesday night by Messrs. Hauswirth, Kreitling, Asmus, Balluff and little Philip Foley, and we leave it to them to tell the story of how we came near winning the last game with the assistance of the ex-St. Louis boy, J. S. Wilson.

On Thursday night we were more than repaid for our visit by attending the annual banquet of the Chicago Florists' Club at the Auditorium. We were sorry to have to leave the hall so early in order to catch the train and leave all our old and new friends without saying good-by. We missed the good-natured Emil Buettner at the banquet, but of course the twins come first.

The St. Louis delegation wishes me to express, through the Review, their thanks to the Chicago brothers for their kind and generous treatment shown them during their stay in the city.

Expressions Heard on the Trip.

Fred Meinhardt, wife and sister, had a great time and stayed longer than any of the rest of us.

Otto Koenig was talking World's Fair to all visitors, and they think Otto is just the man to take charge of the floricultural end of it.

A. Jablonsky, who was much taken with roast quail with chestnut dressing, says he never before ate so much or so many good things.

Fred Weber and Theo. Miller are much pleased with their visit and the good times they had.

Fred Ammann, John Steidle and Windt, Jr., say they never before saw so much glass and so many roses and carnations, and were well paid for their visit.

Carew Sanders put in most of the time with his cousin, Edgar Sanders, who was greatly missed by all his friends.

Mr. and Mrs. Henry Berning had a good time among their friends the short time they were there.

C. Kuehn and Frank M. Ellis made the rounds of the wholesalers and growers, which had a good effect on them in a business way.

As for myself, I must say that the trip was well worth the time spent, and the opportunity to meet so many good friends and the good, kind words for the success of the Review make recollections of the trip a pleasure.

Notes.

We had with us the past week the big and mighty Arnold Ringier, selling for Barnard & Co., Chicago.

Mr. Creighton, representing Henry A. Dreer, of Philadelphia, was a visitor and reports a very successful trip.

Mr. S. S. Skidelsky, the man who sells everything a florist needs, is here this week.

B. Eschner, of M. Rice & Co., Philadelphia, is with us this week booking holiday novelties.

The finest chrysanthemum seen at the Chicago show was the large pink exhibited by The E. G. Hill Company and named R. E. Richardson. This is a St. Louis production by Wm. Schray & Sons. The St. Louis delegation was proud of it, as would the Schray boys have been, had they seen it as we did.

Official List of Club Essays.

The trustees have prepared the following list of essays to be read during the year: For December, "Greenhouse Construction," by J. W. Dunford; "Experience with Carnations on Benches and Solid Beds—Best Results," by A. Jablonsky. For January, "New Roses," by R. F. Tesson; "Steam Heating," by F. B. Call. For February, "Growing Carnations—Advantages of Early Planting," by William Winter, of Kirkwood, Mo. For March, "Construction of Solid Beds," by Max Herzog; "Greenhouse Help—How to Obtain Best Results," by Otto Koenig. For April, "Experience with Short-Span Greenhouses," by J. F. Ammann, of Edwardsville, Ill.; "Forcing Hydrangeas for Easter," by Emil Schray. For May, "Hard and Soft Coal for Heating," by F. J. Fillmore. For June, "Poenies and Irises for Cut Flowers—How to Increase Stock and Care for Them," by Geo. B. Windler. For July, "Benefits Derived by Attending Conventions," by Fred C. Weber. For August, "How to Keep Down Greenfly," by H. Emmundt, of Belleville, Ill. For September, "Trade in Cut Flowers the Past Season," by Frank M. Ellis. J. J. B.

CHRYSANTHEMUM CUT BLOOMS.

BY CHAS. W. JOHNSON.

[Presented at the Chrysanthemum Society of America to the Chicago convention.]

In presenting this subject to you my first duty will be to review the cut bloom chrysanthemums that have gone before, or in other words, the foundations of our popular kinds of today. In looking over the varieties that we consider standards now we can hardly realize how very few of the veterans we still have with us. One of the oldest favorites is Ivory, a grand old variety but now being grown less each year; it is being discarded on account of not being large enough for present day requirements.

Geo. W. Childs, a variety which has long been the stand-by in reds, is still on deck and possessing, as it does, so many good points it is likely to remain with us for awhile yet. I suppose this variety at the time of introduction was the most distinct American seedling.

Mrs. Jerome Jones, that beautiful incurved with such handsome foliage and whose blossoms keep so well, did not get a very good start owing to its requirements not being properly understood. I remember the first plant of this variety that came under my notice. It was grown in a 6-inch pot with stunted foliage and dirty white flower with wide open center. But what a transformation we did behold the next season or two when this selfsame variety had jumped to first place as the leading commercial and prize winning kind of its season. It is still well up among the first rank with its graceful blooms and well clothed footstalks, which size alone has beaten.

Major Bonnaffon is another of the old wonders that lack of size is proving its undoing. Without a doubt this variety was at one time grown more than all others combined. This is also a very distinct sort, possessing characteristics entirely its own and which our hybridizers have not been able to infuse into the later day seedlings.

Niveus, Philadelphia, Mrs. W. C. Egan, Yellow Queen and H. L. Sunderbruch are still grown to meet some special purpose but are no longer considered the wonders as of old. Mrs. Henry Robinson, Modesto, Pennsylvania, Mayflower, Jeannie Falconer and Mrs. Perrin are very much alive yet and well able to hold their heads among the leaders. But what has become of the Queen, Harry May, Mr. Hicks Arnold, Harry E. Widener, Frank Thompson, Mrs. E. G. Hill, Gold, Mermaid, Robert Bottomley, Minnie Wanamaker, J. C. Vaughan, Exquisite, Ada Spaulding, Mrs. Alpheus Hardy, Eda Prass, Lilian B. Bird, varieties without which a few years ago an exhibition collection would not have been complete? Mutual Friend is still holding its own and is found in most collections, and as seen this year I believe it is doing better than it ever was.

Foreign Varieties in America.

Of the vast number of foreign varieties that have been introduced into this country we have to award first honors to that sterling French variety, Viviand-Morel, which we still see in various grades of quality, some seasons extra fine, others not so good, though it would seem as though most of us are still loath to let it go. Golden wedding, from the other side of the globe, cannot yet be beaten in its season. This variety was very disappointing the first year or two after being introduced. Several growers were so disgusted with it because of its being so infested with disease that they pulled out the plants without letting them come into bloom; but time has proven that our golden friend was made of better stuff than we even then dared suppose and today it is simply grand. W. H. Lincoln, in its day a fine yellow for cut blooms, is now being pushed aside by many much better, though for growing into specimen bush plants it is still a top notch yellow.

After these three varieties we have to skip a few years before anything very useful from an American standpoint came to hand. Several English varieties put in their appearance, but after due examination how very few of them could pass muster. One that looked at first to be a winner was Mrs. Henry Weeks, but she was too fussy and could not bear so much sunshine; we had, therefore, with regrets, to let her go. Not any of the other English varieties ever got far enough into the front ranks to be classed as standards. We have several English varieties now on trial which seem a great deal more promising. The two leaders are Kate Broomhead, a magnificent bronze, fine grower, good even color, likes plenty of sunshine and one that will give the best of them a close race.

Mrs. Coombes, a massive reflexed pink, is another wonderful variety with the same easy growth, stout stems clothed with heavy foliage. We are much impressed with this one and the more we see of it the better we like it.

A. J. Balfour, another pink from England, pleases us very much on account of its beautiful clear color. We did not get this one till late, consequently it did not have a fair show and is a little under size. Mrs. Barclay is another pink monster with very heavy foliage, and though it may seem a little coarse it is still a striking variety. We are also trying some of Mr. Godfrey's finest set of novelties with results that are hardly up to our expectations. Godfrey's King and Queen Alexander has made the best showing of the lot, but can only be used in collections and they will have to increase in size to hold a place there. Bessie Godfrey, upon which we have been building great hopes, have not been rea-

lized. Maybe we can do better with this one another season.

The Australian people use as their motto "Advance Australia," and the Australian chrysanthemum raisers are certainly acting up to it, for some of the new varieties that they are giving us are truly wonderful. We have Nellie Peckett, a very distinct sort and a gem in every way. Though it has not enough substance for commercial purposes it can find a place in exhibition collections. Walleroo and Mr. T. Carrington are also two very telling varieties for exhibition and late reports from England on several more varieties now on trial lead us to expect something amazing.

We are getting some very fine things from France, but most of them have the very serious fault of being such ungainly tall growers and so many of them coming with long necks. Mme. Deis, a very large reflexed white, pleases us very much. It is very slow to make cuttings and if this is overcome the variety should prove a winner. M. Chenon de Leche, a rosy buff reflexed, is fine for exhibition and in Europe this variety is considered the finest ever raised. Mme. R. Cadbury, a very large showy white, is another grand sort. Mme. Carnot and its yellow sports, Mrs. Mease and Chas. Warren, we have had with us for some time, and though they require special culture they are still splendid varieties.

American Varieties Abroad.

It is quite amusing to read what the European growers think of some of our most popular kinds. One or two varieties which we think are top notchers are described there as nothing startling, while many of our early sorts are classed as late. But this is no doubt due to the different climatic conditions. In looking over the English reports it would seem as though Our Mutual Friend is entitled to first place among American varieties in that country, closely followed by Modesto, Niveus, Sunstone, Western King, Simplicity, Mrs. E. W. Clark and Geo. W. Childs, varieties that have all made their mark.

The first year that I was in Chicago we used to grow our chrysanthemums out in the field during the summer, lifting them in the fall the same as we now treat carnations, and I believe the first house of single stem chrysanthemums around this part of the country was grown at Mount Greenwood. At that time we put the cuttings in along in June or the early part of July and planted in the benches early in August, growing them along as fast as possible, taking the first bud that put in its appearance. We then thought we got fine blooms, but they would not be in it today. Now we have to commence to propagate some of the varieties in March, selecting the best wood attainable, potting them up as soon as rooted and giving them a light airy space with a night temperature of between 40 and 50 degrees. Some of the varieties that need to be propagated early are Mrs. Jerome Jones and its sports, Brutus, Nellie Peckett, Mutual Friend, Major Bonnaffon and most of the early kinds.

Exhibition Blooms.

Stock that is intended to produce exhibition blooms should be planted the last of May or by June the 10th at the latest. We find that we get as good results from six inches of soil as when a greater depth is used, so I would not advise planting in any deeper benches than the regulation six inches. Stock planted as early as this needs ample room and should be set nine by ten inches apart. They will also require at least seven feet of head room and a little more if they can have it, for a great many of our best varieties will use up all of this.

The question of what kind of soil to use must be decided to a certain extent by the nature of the soil in the locality where we may be situated. Chrysanthemums respond readily to a good rich compost, but in using a very rich soil greater care will have to be taken to get them started right. A little over-watering before the plants have got used to the soil will make a great many of them turn yellow and get diseased and plants so affected will never amount to anything. Some seasons our soil in this western country will be as dry as powder and if put into the benches in this condition it is difficult to get the water to work down evenly to the bottom, consequently the roots of the plants derive very little benefit from watering while soil is in this condition. The better way is to turn the hose onto the compost pile before bringing it into the house; by doing this you can have the soil in any condition you want. This season we used the prairie sod as found in this locality, mixing it as follows: Two loads of sod, one load of clay, and one of well rotted cow manure, and after on the benches a liberal sprinkling of fine bone meal was forked into it. This has given us excellent results.

After planting chrysanthemums will stand all the sunshine and ventilation they can get, also liberal syringings should be given them two or three times a day. After the plants are well started keep the soil open by scratching the surface every little while and keep the beds clear of weeds. This, together with picking the lateral shoots out and attending to the tying will be the general routine of the work in caring for the plants from the time they are planted until the buds are ready to take. While mapping out the plan for planting the character of growth and time of flowering of the several varieties should be taken into consideration, the tall and dwarf growers kept separate, also the early midseason and late ones planted in sections by themselves.

A great deal has been written about the proper time to take the buds and this most important matter must be governed by the variety in question, also considering the time of planting. Early planted stock if kept growing actively can be timed to form a bud between the middle and end of July. This one must be rubbed out, throwing the plants into growth again, giving them time to make another bud from August 20th, which according to my experience in nearly all cases will make the finest blooms. I timed several varieties this season on various buds. Col. Appleton buds taken between Aug. 26 and Sept. 10 have developed magnificent blooms, with centers full ready to cut Oct. 25. Mrs. Jerome Jones buds taken at same time are showing full flowers solid to center ready to cut Oct. 30. Our experience with Timothy Eaton being very limited until this season, I was a little doubtful about taking an August bud, so had them removed, excepting about 50 plants, buds of which were taken the last week in August; these have developed into nice bloom and are ready to cut Nov. 1.

The plants on which the August bud was rubbed out went right into growth again and added another two feet of stem with the result that Nov. 1 not any of them are ready and the blooms are not nearly so good. The first buds attained a height of 4½ feet and the latter ones 6½ feet. With the variety Mrs. Coombes buds taken the last of August made wonderful blooms, read to cut Oct. 20, of very much greater depth and fuller flowers than on the plants where a later bud was taken. I do not wish to be understood that this bud is the only bud to take and am only giving my experience, hoping other growers will do the same.

Referring to liquid manures, I do not use the commercial fertilizers to any great extent, except an occasional dose of nitrate of soda and a dressing of Clay's fertilizer. In applying liquids we always use a Kinney pump. We give just as much attention to temperature and ventilation in our chrysanthemum houses as we do in the rose, palm, or fern houses, and aim to have the night temperature as nearly as possible 50 degrees, especially when the petals are unfolding. After the flower is part way out, we sometimes have to raise this slightly to keep the moisture from settling on the blooms. When they are half open we shade the glass a little; this we find a great help in keeping them from burning; it also develops the blooms slowly and hence gives them greater substance.

Now, gentlemen, in conclusion, I must beg that you accept this paper in the sense that it is intended, it being only my experience.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

L. J. Stankowicz, Niles, Ill., registers new carnation, Mrs. Phoebe Hearst, a cross between Lizzie McGowan and Argyle. White, fragrant. Flower very large and partaking somewhat of the form of McGowan.

H. Weber & Sons, Oakland, Md., register new carnation Governor Lowndes. Color pure white. Size 3 to 3½ inches diameter. Stem strong. 1 to 2½ feet during the season. Odor spicy. Vigorous grower, but makes very little grass and will stand close planting.

The H. Dale Estate, Brampton, Ont., register new rose Canadian Queen. A sport from Mrs. Pierpont Morgan. Color shell pink; foliage dark green; clean cut; habit vigorous; free flowering.

WM. J. STEWART, Secretary.

THANKS.

We wish to assure the host of friends who write such encouraging commendatory words about the REVIEW when renewing their subscriptions that their kind words are very much appreciated. We promise still further improvements in the paper at an early date.

It may interest them to know that the commendation is general and that it is very substantially reflected in our subscription receipts, which have each month during the past year shown an increase of more than 50 per cent over the same month of the preceding year. And the general average of increase has been over 60 per cent.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any one issue desired during the year. If the advertisement exeeeds 35 words, send at the rate of one cent for each additional word.

WANTED—First-class gardener, to go to Henderson County, N. C. Good wages and steady position. Apply 6932 Vernon Ave., Chicago, Ill.

WANTED—Situation as working foreman, good grower of roses, carnations, mums and general stock, on shares or wages; best of references. Address M. 12, care Florists' Review.

WANTED—Young man with experience in floral designing as assistant in store. A good berth for the right party. Apply at once. Lake View Rose Gardens, Jamestown, N. Y.

WANTED—Catalogues of trees, shrubs, plants, etc. Address Wm. E. Hearne, head gardener, Hotel Potter (new), Santa Barbara, Cal.

WANTED—Experieneed managing foreman; one capable to take charge of entire plant of 50,000 feet of glass; good wages to reliable party who works for the interest of his employer; must have best of references. Address Foreman, care of Florists' Review.

SITUATION WANTED—By young man of 30 years as assistant florist or helper. Good referenee. Sober, honest and industrious. Address Newton, P. O. Box 403, Petoskey, Mich.

SITUATION WANTED—I want for my florist a permanent situation as seetion rose grower, or in a commercial place, where he has full charge. He has 26 years' experience as grower of roses, carnations, mums, etc., and pot plants; also a good designer. German, single, age 40. Please state particulars in first letter. Address William Knees, florist, Moline Ill.

WANTED—Young man with experience as assistant decorator and store man. Apply at once. The J. M. Gasser Co., 234 Euclid Ave., Cleveland, Ohio.

WANTED—Greenhouse and outdoor man, good habits and character, to go to Alabama, permanent position, fine opportunity. Salary to start, $45 a month without board. Address Alabama, care of Florists' Review.

SITUATION WANTED — As gardener, single; 2 years 2 months in last situation as foreman of private place and 4 years' experience in florist's establishment in England. 8 years' experience under glass, good references. Address Newton. Winnipeg, Manitoba.

SITUATION WANTED—By a competent seedsman of 35 years' experience in this country, conversant with catalogue, road, or in fact any kind of work required of a first-class seedsman. Can furnish the best of reference. Address B. F., care of Florists' Review.

WANTED—A working foreman to take charge of 30,000 sq. ft. of glass; must be honest, sober and industrious; state wages expeeted; references. Address Seeker, care Florists' Review.

WANTED—Plantsmen, good potters and men for general greenhouse work; good wages; steady work. Memphis Floral Co., 391 Main St., Memphis, Tenn.

SITUATION WANTED—As foreman or head in good establishment (private preferred); thorough experience in fruit, plants and house and table decorations. C., care of Florists' Review.

WANTED—A responsible florist. Young man preferred, married or single. Position offers an opportunity for a partnership in a well established local and shipping trade. Address "Acrobat," care of Florists' Review.

SITUATION WANTED—On a private place in city or suburbs, by a competent grower of exhibition plants, an all around man. Address Grower, 108 35th street, City.

WANTED—A young man for general greenhouse work; must have some experience. M. I. O'Brien, Sharon, Pa.

SITUATION WANTED—By a thoroughly experienced florist and gardener on private estate or commercial business; good grower of cut flowers and general stock; well acquainted with out-of-door work; 7 years in one place; references; married, no family; age 31; to be engaged now or later; central or western states preferred. Address M. M., Florists' Review.

WANTED—Young man for new retail florist store; one with some experience. Answer by mail only, with reference. Ogden Floral Co., 848 Harrison St., Chicago.

SITUATION WANTED—By a good all-around florist. Not afraid of hard work; experienced in roses, chrysanthemums, carnations, palms, etc. Can come well recommended; age 26; Swiss. Address Fred Kuhn, Evergreen Lodge Flower Garden, Clarksville, Tennessee.

FOR SALE—At a bargain, three greenhouses, as follows: one 18x60 ft., one 12x60 ft., one 11x60 ft.; also twenty-four sash 3x6 ft., located in eastern Indiana. Price and particulars on application. Address T, care Florists' Review.

WANTED—A young man who has a good experience in general greenhouse work as assistant. Must be sober, honest and industrious. Must be well recommended by last employer. State wages expected without board. Address D. F. C., care Florists' Review.

FOR SALE—Greenhouse sites near Wilmington, Del. Wills Passmore, Surveyor, Brandywine, Del.

WANTED—A rapid and successful propagator of carnations. Address J. J., care Florists' Review.

FOR SALE—Horizontal tubular boiler (25 H.P.), complete in every way and in good order. Address Samuel Van Bochove, Kalamazoo, Mich.

BARGAIN—If you are looking for a genuine bargain in a first-class greenhouse proposition, write at once for particulars to K., care Florists' Review.

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WANTED. Cactus Collector's Address.

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By Baur & Smith, 38th street and Senate avenue, Indianapolis, Ind.:

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Indiana Market—A pure white of good size and form, an early and tremendous bloomer, never bursts and is a good grower.

Fascination—Daybreak pink of a fine, even shade, a fine large flower on a strong stem and never bursts, strong grower and early and free bloomer.

By H. Weber & Sons, Oakland, Md.:

Governor Lowndes—Pure white, size three to three and one-half inches, a strong vigorous grower, will stand close planting, making very little grass, stem strong and from one to three and one-half feet long during the season, odor very spicy, extremely productive.

THE AMERICAN CARNATION SOCIETY,
Albert M. Herr, Sec'y, Lancaster, Pa.

Note—The two names, "Marian" and "Fascination," have been previously used, but not being in use at this day by any known grower, both parties claim the right and privilege to use them for a carnation of today. A. M. H.

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Carnations, Commons	.50 to 1.00
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New York Office

of the

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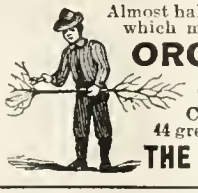

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Eat to the fill of your "Thanksgiving" Turkey,
Drink, if you please, sw et cider by the galloo,
But through it all, write this upon the wall,
"The best flowers always come from
J. K. Allen!"

Mention The Review when you write.

WALTER F. SHERIDAN,

Wholesale Commission Dealer in

CUT FLOWERS

39 West 28th St , NEW YORK

(E tab lished 1882)

Receiving Extra Quality American Beauties and all other varieties of Roses. Carnations.

Telephone 902 Madison Square.

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Wholesale Florist,

55 WEST 26th ST., Ground Floor, Coogan Building, New York City.

Convenient for our customers. The best location in the city.

Mention The Review when you write.

The New York Cut Flower Co.

55 and 57 West 26th Street,

WHOLESALE FLORISTS.

Daily Reports. Weekly Payments.

Tel. 2239 Madison Sq. 2034 Madison Sq. J. A. MILLANG, Manager

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Always Mention the.... Florists' Review When Writing Advertisers.

Wholesale Cut Flower Prices.

New York, November 19.

	Per 100
Beauties, Specials	$25 00 to $30 00
" Fancies	15.00 to 20.00
" Extras	8.00 to 16.00
" No. 1	6.00 to 8 00
" No. 2	2.00 to 4 00
Queen of Edgely, Specials	15.00 to 25.00
" " Fancies	8 00 to 15.00
" " Extras	6.00 to 8.00
" " No. 1	1.00 to 4.00
Brides and Maids, Specials	6.00 to 10.00
" " Extra	4.00 to 6.00
" " No. 1	2.50 to 4.00
" " No. 2	1.00 to 2.00
Carnot	2 00 to 10.00
Cusin	2.00 to 4 00
Kaiserin	8.00 to 10.00
Golden Gates	5.00 to 10.00
Liberty	2.00 to 12.00
Mme. C. Testout	8.00 to 12.00
Mrs Morgan	5.00 to 10.00
Meteors	2.00 to 8.00
Perles	2.00 to 6.00
Cattleyas	60.00
Cypripediums	15.00
Dendrobium formosum	25.00
Carnations, Commons	.75 to 1.00
" Selects, white	2.50
" " pink	2.50
" " red	2.50
" Fancies	2 50
" Novelties	2 50 to 4.00
Adiantum cuneatum	.50 to .75
" Peter Crowe	1.50
" Farleyense	6.00
Asparagus plumosus, Strings	25.00 to 50.00
Plumosus Sprays, $2.00 a doz. bunches.	
Sprengeri Sprays, 2.00 "	
Bouvardia	60 to 1.00
Chrysanthemums, Ordinary	2.00 to 6.00
" " Fancy	10.00 to 15.00
" " Specials, XX	20.00 to 35.00
Harrisii lilies	8 00 to 10 00
Callas	6.00 to 10 00
Valley	3.00 to 4.00
Violets, Ordinary	.25 to .50
" Extra	.75 to 1.00
Smilax, First Grade	10.00 to 12.00
" Second Grade	6.00 to 8.00
Mignonette, Ordinary	2.00 to 3 00
" Fancy	5.00 to 8 00
Narcissus	2.00 to 4.00
Pansies	.50 to 1.00
Daisies	.50 to .75
Ferns, Common, per 1000, 75c.	
" Fancy, per 1000, $1.50.	
Galax, per 1000, $1.00.	

The week opened with an encouraging rise in prices, especially in roses, carnations and violets, but a reaction set in later. On Wednesday the receipts of violets were enormous and with a light demand they were a drug in the market. Prices fell to half what they were on Monday. The quality of all stock is improving.

JOHN YOUNG

Special American Beauties, Surpassing Carnations, Lily of the Valley, Orchids and all seasonable flowers.

51 W. 28th St., NEW YORK.

Tel. 1905 Madison Sq.

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MOORE, HENTZ & NASH,

Wholesale Florists,

55-57 West 26th St., New York.

SHIPPING ON COMMISSION.

Tel. 2034 and 2239 Madison Square.

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FRANK MILLANG

Open from 6 a. m. to 5 p. m.

Cut Flower Exchange, 55-57 W. 26th St.

Phone 299 Madison Square. NEW YORK.

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42 West 28th Street

New York

Send for Quotations

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Established 1872.

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WANTED a few more reliable growers of Carnations and VIOLETS.

Only first-class stock handled.

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SPECIALTY-- For the convenience of out-of-town customers, orders will be accepted and promptly filled on short notice for choice FOLIAGE PLANTS of all kinds.

STOCK PLANTS of best varieties of Chrysanthemums furnished.

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CLEARING SALE -- French and Dutch Bulbs.

SINGLE NAMED DUTCH HYACINTHS, separate colors in equal proportion, $3.50 per 100; $30.00 per 1000.

Hyacinths, French White Roman, 12 to 15 centimeters	per 100,	$2.25;	per 1000,	$21.00
Crocus, blue, white and striped each	"	.20	"	1.50
" named sorts, separate colors	"	.30	"	2.00
Narcissus, Horsfieldii	"	1.75		
" Empress	"	2.00		
" Paper White Grandiflora, 13 to 15 centimeters	"	.80;	per 1000,	$7.50
" Double Von Sion (double nosed), fine	"	1.60	"	15.00
" Double Von Sion, extra large bulbs	"	1.15	"	10.00
Oxalis Bowiei, crimson	"	.60		

25 bulbs at 100 rate; 250 at 1000 rate.

JOHNSON & STOKES, - - 217 and 219 Market St., PHILADELPHIA, PA.

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☞If you want any Novelty in Horticulture, write us. Our Specialties: ORANGE BLOSSOMS and CAMELLIAS.

☞If you have any novelties, write us. We pay cash for them.

Daisies, Cowslips, Jasmine, White Violets, Acacia, Wall Flowers, Camellias (variegated shades) &c.

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BRADSHAW & HARTMAN,

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Telephone 1239 Madison Square.

Consignments Solicited.

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Wholesale Florists,

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Tel. 2798 Madison Square.

108 Livingston Street. BROOKLYN, N. Y.
Tel. 3660-3661 Main.

The only firm having wholesale establishments in both cities.

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Author of "HOW TO MAKE MONEY GROWING VIOLETS."

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CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

VIOLETS our specialty.

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WHOLESALE FLORISTS,

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Cut Flower Exchange.

OPEN ALL DAY!
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.
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PELARGONIUMS.

Rooted Cuttings, $2.25 per 100. Good named kinds. Prepaid. Write

S. D. BRANT, - Clay Center, Kan.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, November 19.

	Per doz.	
Beauties, Specials	$3.50 to	4.00
" Extra	2.50 to	3.00
" No. 1	1.50 to	2.00
" Shorts	.75 to	1.25
Queen of Edgely	1.00 to	4.00
	Per 100	
Brides and Maids, Extra	$5.00 to	$6.00
" " No. 1		4.00
" " No. 2	1.50 to	2.00
Meteors	2.00 to	5.00
Sunrise	4.00 to	6.00
Golden Gate	2.00 to	6.00
Kaiserins	2.00 to	8.00
Liberty, firsts	10.00 to	15.00
" seconds	3.00 to	8.00
Perles	2.00 to	6.00
Ivory	4.00 to	6.00
Cattleyas		40.00
Dendrobium formosum		30.00
Carnations, Commons	.75 to	1.00
" Selects	1.50 to	2.00
Adiantum cuneatum		1.00
Valley	2.00 to	5.00
Asparagus plumosus, Strings	35.00 to	50.00
" " Sprays	1.00 to	2.50
Asparagus Sprengeri, Sprays	1.00 to	2.00
Bouvardia	1.50 to	2.00
Callas	8.00 to	10.00
Roman hyacinths	3.00 to	4.00
Chrysanthemums, Ordinary	3.00 to	5.00
" Fancy	8.00 to	20.00
Mignonette, Ordinary	1.00 to	1.50
" Fancy	2.00 to	3.00
Smilax	12.50 to	15.00
Violets, Double	.50 to	1.00
" Single	.25 to	.30
Sweet peas		1.00
Pansies		1.00

Baltimore, November 19.

	Per 100	
Beauties No. 1	$15.00 to	20.00
" Shorts	8.00 to	10.00
Golden Gate	3.00 to	5.00
Brides and Maids, No. 1	3.00 to	5.00
Liberty	3.00 to	4.00
Meteors	3.00 to	4.00
Perles	2.00 to	4.00
Carnations, Commons	.60 to	.75
" Selects	1.00 to	1.50
Chrysanthemums, Ordinary	3.00 to	8.00
" Fancy	10.00 to	16.00
Adiantum cuneatum		1.00
Asparagus plumosus, strings	25.00 to	75.00
Callas	8.00 to	10.00
Smilax	8.00 to	20.00
Violets	.40 to	.60

B. S. SLINN, Jr.

WHOLESALE FLORIST.

New York Cut Flower Co., NEW YORK.
55 and 57 West 26th Street,

Telephone 2239 Madison Sq.

Violets and Swainsona our Specialties.

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Beauties, Brides, Maids, Carnations, Chrysanthemums, Smilax and Asparagus.

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Long Distance Telephone.

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EDWARD REID,

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A large Stock of

Roses, Chrysanthemums, Carnations, Valley and other Flowers.

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Store closes at 6:30 P. M.
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Specialties: American Beauties, Queen of Edgely and Chrysanthemums.

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VERY FINE

Smilax, Chrysanthemums, Carnations

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Long Distance Telephone.

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WHOLESALE FLORISTS, Pittsburg, Pa.

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52 West 28th St., (BASEMENT.) NEW YORK.

Telephone 1239 Madison Sq.

Ferns, Galax Leaves and Leucothoe Sprays

OUR SPECIALTIES.

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FOR SOUTHERN WILD SMILAX

(Where Quality is First Consideration.)
Write, Wire or Phone the introducers
Caldwell The Woodsman Co., Evergreen, Ala.
or their agents: L. J. Kreshover, New York; J. B. Deamud, Chicago; H. Bayersdorfer & Co., Philadelphia; W. F. Kasting, Buffalo; J. M. McCullough's Sons, Cincinnati, Ohio; Vail Seed Co., Indianapolis.

Mention The Review when you write.

SCHLOSS BROS.

533 Broadway, NEW YORK.

Headquarters for Florists' RIBBONS and NOVELTIES.

Telephone No. 3872 Spring.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, November 19.

THANKSGIVING PRICES

	Per doz.
Beauties, 36 to 40-inch stems	$5.00 to 6 00
" 30-inch stems	4.00
" 24 "	3.00
" 20 "	2.50
" 15 "	2.00
" 12 "	1.50
" Shorts	1.00
	Per 100.
Bridesmaids, Specials	10.00
" Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
" Culls	3.00
Brides, Specials	10.00
" Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
" Culls	3.00
Perles, Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Liberty, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Golden Gate, Firsts	8.00
" Seconds	4.00 to 6.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
La France	6.00 to 12.00
Mme. Chatenay, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Sunrise	4.00 to 8.00
Ivory, Firsts	10.00
" Seconds	5.00 to 6.00
Carnations, Fancy	4.00 to 5.00
" Selects	2.00 to 3.00
Valley	3.00 to 5.00
Roman hyacinths	4.00
Narcissus	4.00
Violets, extra	1.00 to 1.50
" common	.75
Harrisii lilies	12.00 to 16.00
Chrysanthemums, Fancy	16.00
" Ordinary	5.00 to 12.00
Smilax	10.00 to 15.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" Sprays	1.00 to 2.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves, " 1.50	.15

The weather remains warm for the season but is dark and gloomy most of the time. There has been a marked shortening of the cut of roses and prices are already about up to quotations for Thanksgiving. Should a cold wave arrive now the shortage would be serious for that event. The carnation receipts are not nearly so large and the chances are that many are being held on the plants. Don't over do it, gentlemen. A bare market just before a holiday gives a much better opportunity to realize to best advantage than during a slump at the last. Keep in close touch with your comoission man and give him a chance to take the market at its best.

The Thanksgiving quotations printed above are an average of the figures given by the various houses, but it is just about like guessing on the weather.

Buffalo, November 19.

	Per 100
Beauties, Specials	$25 00 to $30.00
" Extra	15.00 to 20.00
" No. 1	10.00 to 15.00
" Shorts	6.00 to 10.00
Brides and Maids, Specials	6.00 to 7.00
" " Extra	4.00 to 5.00
" " No. 1	4.00
" " No. 2	2.00 to 3.00
Carnots	4.00 to 7.00
Golden Gates	3.00 to 6.00
Kaiserins	3.00 to 7.00
Liberty	3 00 to 8 00
Meteors	2 00 to 7.00
Perles	3.00 to 5.00
Sunrise	2.00 to 5.00
Cattleyas	35.00 to 50.00
Carnations	1.00 to 2.00
Adiantum cuneatum	1.00 to 1.35
Asparagus plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
Asparagus Sprengeri, Sprays	1.00 to 2.00
Callas	8.00 to 10.00
Chrysanthemums, ordinary	4.00 to 10.00
" fancy	10 00 to 25.00
Hyacinths, Roman	2 00 to 3.00
Lilium Harrisii	15.00 to 20.00
Lily of the Valley	3.00 to 4.00
Mignonette, Ordinary	3.00 to 4.00
Narcissus	3.00 to 4.00
Smilax	12.00 to 15.00
Stevia	1.00 to 1.25
Tuberoses	2 00 to 3.00
Violets, ordinary	.60 to .75
" extra	.75 to 1.00
Galax, per 1000, $1.00 to $1.50	.20
Common ferns, per 1000, $1.00 to $1.50	.20

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
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Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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PETER REINBERG,
Grower and Wholesaler of Cut Flowers
800,000 SQUARE FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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Poehlmann Bros. Co.
Wholesale Growers of and Dealers In Cut Flowers.
All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
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J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of.. Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given
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JOHN MUNO,
WHOLESALE GROWER OF Cut Flowers,
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GREENHOUSES, ROGERS PARK, ILL.
Telephone Central 3598.
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Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
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CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

FRANK GARLAND,
Wholesale Grower of Cut Flowers,
Special attention given to Hardy Cut FERNS.
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Telephone Central 3284.
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35 Randolph Street, CHICAGO.
F. F. BENTHEY, Manager. Wholesale and Commission FLORISTS
Consignments Solicited.
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Order direct from Headquarters

New Crop Bronze and Green Galax, $1 per 1000 in 5000 lots—A No. 1 quality.

DAGGER and FANCY FERNS, $1 per 1000—A No. 1 quality.

Laurel Festooning, good and full, 5c and 6c per yard.

Princess Pine Festooning, made round, 5c and 6c per yard.

Laurel Wreaths, made good and full, at market prices.

Southern Wild Smilax, $4 and $7 per case, selected stock.

Sphagnum Moss, 50c per bag; $1 per barrel.

All orders by mail, telephone or telegraph, will receive our personal attention and prompt delivery.

HENRY M. ROBINSON & CO.,
32, 34 & 36 Court Square, BOSTON, Mass.
L. D. Telephone 2618 Main.

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The Cottage Gardens,

QUEENS, L. I., N. Y.

Send for Price List of

Peonies, Herbaceous Plants, Phlox, Azaleas, Specimen Trees and Shrubs.

Lily of the Valley FROM COLD STORAGE.

It pays to grow Cold Storage Valley for Xmas, New Years and January. They bring flowers and foliage without much trouble and special arrangements. Grow them as cool as possible and without bottom heat. My stock is in excellent condition and will give satisfactory returns.

$15.00 per 1000; case of 2500, **$35.00**; per 100, **$1.75.**

Headquarters for Finest Cut Valley.

H. N. BRUNS, 1409 West Madison St., CHICAGO.

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MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

WHOLESALE FLORISTS AND CUT FLOWER COMMISSION.

Full line of FLORISTS' SUPPLIES and SUNDRIES.

Let us figure with you for fancy Ferns the year round. Everything in season.
26 MIAMI AVENUE, Detroit, Mich.

Headquarters for Michigan's Famous **MT. CLEMENS VIOLETS.**

Wholesale Cut Flower Prices.

St. Louis, November 19.

	Per doz.
Beauties, Specials	$3.00 to $3.50
" Extra	2.00 to 2.50
" No. 1	1.50 to 2.00
" Shorts	.60 to 1.00
	Per 100
Brides and Maids, Specials	$3.00 to $6.00
" " Extra	2.50 to 4.00
" " No. 1	2.00 to 2.50
" " No. 2	1.00 to 1.50
Carnots	2.00 to 6.00
Golden Gates	2.00 to 4.00
Kaiserin	2.00 to 4.00
Liberty	3.00 to 6.00
Meteor	3.00 to 6.00
Perle	2.00 to 4.00
Sunrise	2.00 to 3.00
Carnations, Common	1.00
" Selects	2.50 to 3.00
" Fancies	2.50 to 3.00
Adiantum cuneatum	1.00
Asparagus plumosus, Strings	50.00 to 75.00
" " Sprays	1 50
" Sprengeri, Sprays	1.50
Chrysanthemums, ordinary	4.00 to 8.00
" fancy	10.00 to 25.00
Valley	3.00 to 4.00
Callas	8.00 to 10.00
Hyacintos, Romans	4.00
Stevia	1.00
Tulips, single	2.00 to 3.00
Smilax	12.50 to 15.00
Violets	.25 to .35
Violets, extra	.40 to .50
Galax	.15
Common Ferns	.15

The Cincinnati Cut Flower Co.,

437-439 Main St., CINCINNATI, O. Wholesale Florists.

Consignments Solicited.
Special Attention given to Shipping Orders.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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H. G. Berning

WHOLESALE Fflorist,

1322 Pine Street, ST. LOUIS, MO.

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HOLTON & UNKEL CO.

WHOLESALE FLORISTS.

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The Finest Cut VALLEY

No better to be had, at $5.00 per 100.

Medium grades also.

AUGUST JURGENS,
134 to 144 Herndon St., CHICAGO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Detroit, November 19.

	Per 100
Beauties, Specials	$30.00
" Extra	25.00
" No. 1	15.00 to 20.00
" Shorts	5.00
Brides and Maids	4.00 to 6.00
Golden Gates	4.00 to 6.00
Kaiserins	4.00 to 8.00
Meteors	4.00 to 6.00
Perles	4.00 to 6.00
Carnations, Commons	1.00
" Selects	1.50 to 2.00
" Fancies	2.50 to 3.00
Orchids, Cattleyas	50.00
" Cypridediums	35.00
Adiantum cuneatum	1.00 to 1.50
Asparagus plumosus, Strings	60.00 to 75.00
Asparagus Sprengeri, Sprays	5.00 to 10.00
Chrysanthemums, Ordinary	5.00 to 10.00
" Fancy	12.50 to 20.00
Callas	12 50 to 15.00
Lilium longiflorum	15.00 to 18.00
Lily of the Valley	5.00 to 6.00
Smilax	12.50 to 15.00
Violets, extra	.75 to 1.00
Violets, ordinary	.50 to .75
Sweet peas	.50 to .75

Galax, per 1000, $1.00.
Common ferns, per 1000, $1.00.

Outlook bright for Thanksgiving. Mums are still in good demand and crop will hold out for next week. Roses are beginning to shorten up, consequently prices are a little stiffer; Beauties are holding their own as usual. Carnations plentiful and stock very fine, whites and light color moving best. Short carnations (white) for funeral work are finding ready sale at 75c per 100. Sweet peas, new crop, are coming in very fine. Some fine cattleyas and cypripediums are in evidence. Smilax is very fine. Violets are up to the standard. Wild smilax moving well. DILGER.

Always Mention the....
Florists' Review
When Writing Advertisers.

YOU CAN MAKE MONEY DEALING WITH FRANK M. ELLIS,

Place your Thanksgiving Day Order at once.

1316 PINE STREET.

The busiest Wholesaler in ST. LOUIS.

CHRYSANTHEMUMS, ROSES, VIOLETS, CARNATIONS and VALLEY in all grades to suit buyers.
A complete line of WIRE WORK and FLORISTS' SUPPLIES. **Long Distance Tel. Main 2018 M**

CLEVELAND.

Various Items.

Business is all that could be expected, and as far as I could learn, almost everyone is satisfied. A visit to the different establishments found everybody looking forward to Christmas.

Although there is more or less complaint from other places in regard to the waning popularity of the mum, I hardly think such is the case here. There seems to be about the same demand as heretofore, and there is a general feeeling of satisfaction here in regard to the returns from them; in fact, one grower said to me that this year his chrysanthemums had paid him better than ever before.

A. Schmitt, of Glenville, when visited was found busy planting out some old tulip bulbs for early spring cutting. When asked about trade he said he had no complaint to make; everything was all right; no use complaining, it did no good. This is typical of Mr. Schmitt. I believe one of his mottoes is "Do the best you can, and let the rest take care of itself." His place has the appearance of being governed by a man that it satisfied with what he has done. Here I found the stock in first-class condition, bulbs all planted and in their winter quarters. Where to get good soil is a burning question with him, as it is with all others who are situated in or near large cities.

Fred Aul was busy shifting plants and endeavoring to make more room in houses that are now overcrowded. Here I found some very good mums, the two Deans, Eaton, Chadwick, Appleton and others. He made the same complaint that I have heard from others about Appleton. It can not be left after it is fit to cut, as it drops its head and breaks the stem close to the flower.

G. M. Naumann is all ready for winter to set in, having everything under glass. Here I found a fine stock of Gloire de Lorraine begonias that are in prime condition, covered with buds and flowers; also the finest cyclamen. I dare say, to be seen anywhere around Cleveland, the plants being in 7-inch pots with buds and flowers too numerous to number. He also has a house of violets that gives great promise. He seems always to have good success with mums of all varieties; in fact, Max is a good grower of almost any stock. If you want to see him swell up with pride, ask him to show you his seedling carnation, named after his daughter. He has just reason to be proud of this carnation, for, as grown by him, it is certainly a money-maker. The flowers are of good size, some measuring three inches, on strong, healthy plants with no surplus grass; a good color, somewhat darker than Scott, nicely fringed and with a good calyx. He also has several other seedlings.

Thomas Burns, formerly employed by S. N. Pentecost, has moved to Norwalk and gone into business for himself.

Thanksgiving 'Mums, Valley, Violets

Thanksgiving Price List.

SUBJECT TO CHANGE WITHOUT NOTICE.

BEAUTIES	Per doz.
24-inch and over billed accordingly.	
20-inch stems	$3.00 to $3.50
15-inch stems	2.00 to 2.50
12-inch stems	1.50

	Per 100
BRIDES	4.00 to $8.00
BRIDESMAIDS	4.00 to 8.00
METEORS	6.00 to 10.00
PERLES	3.00 to 6.00
ROSES, our selection	3.00
Chrysanthemums	10.00 to 20.00

	Per 100
CARNATIONS	$1.25 to $2.00
CARNATIONS, fancy	3.00 to 5.00
VIOLETS	.75 to 1.50
VALLEY	3.00 to 5.00
ASPARAGUS	60.00 to 75.00
ADIANTUM	1.00 to 1.25
SMILAX, per doz	1.25 to 1.75
GALAX, g'r., per 1000, $1	.20
" bz., " $1.50	.20
FERNS, per 1000, 1.50	.20
Asparagus Sprengeri	2.00 to 3.00
Asparagus Plumosus	2.00 to 3.00
" " strings	.50 to .75

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Wholesale Commission Florists,

40-42-44 Randolph Street, **Chicago, Ill.**

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Our Motto: Quality First

We have, however, a sufficient quantity to supply all demands. Send for Catalogue.

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United States Grower and Representative of GROFF'S HYBRIDS.

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ANNA FOSTER

Small plants, $25.00 per 100; delivery after September 1st.

KENTIA PALMS, good, 50c, 75c and $1 each.

BOSTON FERNS, now ready at $25.00 and $50.00 per 100.

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1902 CROP ASPARAGUS SEED.

Decumbens, new, superior to plumosus, 100 seeds, $2.25; 1000 seeds, $20.00. **Plumosus nanus**, 100 seeds, $1.00; 1000 seeds, $8.00. **Sprengeri**, 100 seeds, 35c; 1000 seeds, $2.50.

All other high-grade seeds for Florists. Send for a copy of our Seed Buyer's Guide.

MOORE & SIMON, Seed Growers,

207 Market St, PHILADELPHIA, PA.

PRIMROSES.....

IMPROVED CHINESE. Finest large-flowering fringed varieties grown. Single and double, ready for 3-inch pots, $2.00 per 100.

Cash. Enough extras will be added to every order to pay express charges.

JOHN F. RUPP, - - SHIREMANSTOWN, PA.

The Home of Primroses.

THANKSGIVING PRICE LIST.

	Per Doz.
Beauties, 36 to 40-inch stems	$5.00 to $6.00
" 30-inch stems	4.00
" 24 "	3.00
" 20 "	2.50
" 15 "	2.00
" 12 "	1.50
" Shorts	1.00
	Per 100.
Brides and Maids Specials	$10.00
" Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Perles, Firsts	6.00 to 8.00
" Seconds	3.00 to 4.00
Liberty, Specials	12.00 to 15.00
" Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Golden Gate, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Mme. Chatenay, Firsts	8.00
" Seconds	4.00 to 6.00
Sunrise	4.00 to 8.00
Ivory, Firsts	10.00
" Seconds	5.00 to 6.00
Carnations, Fancy	4.00 to 5.00
" Selects	2.00 to 3.00
Valley	3.00 to 5.00
Roman hyacintha	4.00
Narcissus	4.00
Violets, extra	1.00 to 1.50
" common	.75
Harrisii, Callas	12.00 to 16.00
Chrysanthemums, Fancy	16.00 to 25.00
" Ordinary	5.00 to 12.00
White Violets (can supply on two days notice)	2.00
Bouvardia	3.00
Stevia	2.00
Cattleyas, per doz	6.00
Cypripediums, per doz	3.00
Poinsettias, per doz	4.00
Smilax	10.00 to 15.00
Adiantum cuneatum	.75 to 1.25
Asparagus plumosus, Strings	50.00
" Sprays	1.00 to 2.50
Asparagus Sprengeri, Sprays	1.50 to 3.00
Common ferns, per 1000, $1.50	.20
Galax leaves " 1.50	.15

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THANKSGIVING

Write us for special list on Novelties, Supplies, etc.

Wild Smilax, 25-lb. case, $3.00
" " 35-lb. " 4.00
" " 50-lb. " 5.00

RED BERRIES, per box, $2.00.
GREEN WREATHING, SELECT. per 100 Yards, $3.00
BOUQUET GREEN, per case, $5.00

McKellar & Winterson,

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PANSIES. The Jennings Strain.

100,000 Fine Plants Now Ready to ship.

Mr. John Lewis Childs, of Floral Park, New York, says of the Jennings Strain:
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100 by mail, 75c. 1000 by express, $4.00; 3000, $11.00; separate colors same price. Large plants $1.00 per 100; $8.00 per 1000.
Seed, $1.00 per pkt.; $5.00 per oz. Cash with order.

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GROWER OF THE FINEST PANSIES.

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Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO., Morrisville, Pa.

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Pandanus Veitchii.

Strong plants from 6-inch pots, 18 to 20 inches high above pot, $12.00 a dozen.

JOHN WELSH YOUNG,
GERMANTOWN, PHILADELPHIA, PA.
Upsal Station, Penn. R. R.

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Stock Mums

Orders booked now for Stock Mums. Best standard varieties at $1.25 per doz. plants. Terms, cash with order.

GEO. HARRER,
MORTON GROVE, Cook Co., ILL.

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L. B. BRAGUE,
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Christmas Trees and Baled Spruce
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SPECIAL ATTENTION PAID TO FURNISHING IN CAR LOAD LOTS.
Also dealer in Hardy Cut Ferns, Sphagnum Moss, &c.
Write for price list and terms.

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Field-Grown Carnation Plants.

Potted and grown in 4-inch pots and just right to plant where your chrysanthemums have been.

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Price, $4.00 per 100.

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500 Strong Joost and Scott at $5.00 a Hundred.

CHARLES E. MEEHAN,
SLOCUM AND MUSGROVE STS., GERMANTOWN, PA

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Cyclamen Giganteum or Persicum.

Extra fine plants, ready for shifting for Christmas blooming, 3-in., $5.00; 4-in., extra fine, well-budded plants ready for 5-in., $10.00 100. **Cinerarias,** 2-in., $2.00; 200 3-in., $5.00; 3½-in., ready for 5-in., $5.00 100. **Primulas**—Chinese—3¼-in., $5.00 100; Obconica—2¼-in., $2.00 100, 300 for $5.00; 3-in., $3.00 100, 200 for $5.00; 3½-in., ready for 5-in., $5.00 100. **White Stocks,** 2¼-in., $2.00 100.
Umbrella Plants, from flats, $1.00 per 100.
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You make a mistake if you buy **Araucaria Excelsa** from some other firm, as it is impossible for any other firm to give you such value for the money as we can. Why? Because we make a specialty of them: filling our houses in early April with the best to be found in Europe, raised from top cuttings only. All must be sold before Christmas to make room for Easter plants.

5½-in. pots, 12 to 14 inches	60c to .75
6-in. pots, 15 to 18 inches	75c to 1.00
Specimen	1.25
Kentias Forsteriana and Belmoreana, 25 to 30 inches high, 5½ to 6-in. pots	.75 to 1.50
Ficus Elastica, 18 to 24 inches high, 6-in. pots, per dozen	from $4.00 to 5.00
Boston Ferns, 6-in. pots	.40

Cash with order please. To save express mention if pots to be taken off.

GODFREY ASCHMANN,
Wholesale Grower and Importer of Pot Plants,
1012 Ontario St., PHILADELPHIA, PA.

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CINCINNATI.

The Market.

There was a slight decline in business during the past week, due, no doubt, to the fine weather we have been having.

Chrysanthemums are now at ebb, and the market has steadied itself nicely and prices have an upward tendency. Some Al Chadwick sell readily at 20 and 25 cents each and Jerome Jones is a close second at 15 to 18 cents. Golden Wedding is being cut in large quantities, but in many instances the petals are badly spotted, which, of course, renders them all but useless. Good flowers of this variety bring $1.80 to $2 per dozen. White Bonnaffon has proved itself to be a top-notcher for a medium white. It is certainly a beautiful little mum, and sells on sight. Some of this variety grown by Frank Huntsman, of Fort Thomas, Ky., are the best selling white on the market at present. They bring $1.50 per dozen. A great number of the famous Timothy Eaton were in the market, but I cannot say anything in favor of this stiff, overgrown flower as a commercial variety.

Roses were in fair supply with improved quality. Golden Gate is coming to the front with rapid strides, and as a seller it is proving itself to be A1. Ivory also takes well, and there is undoubtedly a future for it. Liberty is a top-notcher and is rapidly approaching its high water-mark as to quality. Brides and Maids of very good quality are to be had now. A fair lot of Beauties are coming in, but there are very few of the real long-stemmed ones. As to that, though, a 24-inch Beauty is fast becoming a standard and that size is by far the best seller.

Carnations are equal to the demand. The best sell well. Poor grades move slowly. Some extra fine Lawsons are to be had. Dorothy is in first-class shape. Both Estelle and America are showing up well. The present dark weather will undoubtedly shorten the supply of this flower a great deal, and an advance in price is very likely to occur shortly.

Violets are selling well and more could be used to advantage. Single ones bring the highest price, although double ones do very well. Romans, narcissus and valley are equal to the demand. Some Longiflorum lilies are in and sell very nicely.

Notes.

F. W. Ball, formerly with the Cincinnati Cut Flower Co., has sold out his interest in same and bought out Charlie Jones' Fourth street store, where he will hold forth in the future, doing a retail business. Dock Sunderbruch purchased Mr. Ball's interest and will continue the business.

I regret to report the death of the father of H. M. Altick, of Dayton, Ohio, which occurred during the past week, the funeral taking place on Thursday.

Mr. E. G. Gillett reports the sales of the new early white chrysanthemum, Estelle, as being very good. This variety took well with the store men, who pronounced it a fine seller.

Fred Weltz, of Wilmington, Ohio, and J. T. Herdigen, of Auburn, Ind., were callers. C. J. Ohmer.

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51 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of

CUT FLOWERS

We are better than ever prepared to take the best of care of your orders. Our stock is in fine condition and we can supply high grade flowers that will give the best of satisfaction.

THANKSGIVING PRICE LIST.
Subject to change without Notice.

Am. Beauty, extra long stem, per doz.,		$5.00 to	$6.00
" 24-inch stem....	"	3.00 to	4.00
" 20 "	"	2.50 to	3.00
" 15 "	"		2.00
" 12 "	"		1.50
" 8 "	"		1.00
Bridesmaid.....per 100,		6.00 to	8.00
Bride.....	"	6.00 to	8.00
Golden Gates.....	"	6.00 to	8.00
Perle.....	"	4.00 to	6.00
Ivory.....	"	5.00 to	10.00
Liberty.....	"	6.00 to	15.00
La France.....	"	6.00 to	12.00
Meteor.....	"	6 00 to	8.00
Carnations, ordinary.....	"	2.00 to	3.00
" fancy.....	"		4.00
Mums, fancy..... ... per doz.		2.50 to	3.00
" ordinary	"	1.50 to	2.00

All other stock at lowest market prices. No charge for packing.

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Fine Grafted. **ORANGES** Bearing Sizes.

12-inch, bushy, from 4-inch pots,	$20.00 per 100
15-18 " " " "	30.00 "

KIN KANS. Per 100

10-12-inch, bushy, from 4-inch pots	$20.00
15-18 " " " "	30.00

LEMONS. Per 100

12-15-inch, bushy, from 4-inch pots	$20.00
18-24 " " " "	30.00

ROSES. Per 100

Climbing Clothilde Soupert, strong field-grown	$10.00
Crimson Rambler, strong, field-grown	7.00

CLEMATIS APIIFOLIA.

A fine variety. Somewhat similar to C. Paniculata, but blooms earlier and lasts longer. Strong plants from 3-inch pots. $8.00 per 100. (Not less than 40 of a class at 100 rate.)

CITRUS TRIFOLIATA.

(Best defensive hedge plant.)	Per 1000
Strong 2-year-old, field-grown	$15.00
Strong 3 " "	20.00

AMOOR RIVER PRIVET.

(Better than California Privet.)	Per 1000
18-24-inch, branched	$15 00
24-36 " "	20.00

(Not less than 400 of a class at these rates.

Rubbers, Kentias, Phoenix, Latanias, Pandanus, Ornamental Trees and Shrubs in large quantities. Write for catalogue.

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MRS. E. A. NELSON IS THE CARNATION

that will pay you to grow. Has proved all we claim for it. Is is free and continuous. Cuttings guaranteed to be absolutely strong and healthy. January and February delivery. Price, $6.00 per 100; $50.00 per 1000.

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500,000 VERBENAS....

60 finest named varieties, including our Mammoth White, Mrs. McKinley, the finest White Verbena grown.

PERFECTLY HEALTHY—FREE FROM RUST.

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.
Our list is the choice from millions of seedlings.
Send for list. **J. L. DILLON, Bloomsburg, Pa.**
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Mum Stock Plants

White and Yellow Fitzwygram; White, Yellow, Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wanamaker, Sunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Perrin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100.

Stock will be shipped as soon as cut down.

POEHLMANN BROS. CO.
MORTON GROVE, Cook Co., ILL.
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Now Ready. Write us your wants.

BOSTON FERNS in 2½, 3, 4, 5, 6, 7, 8 and 10-inch.

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GERANIUMS in 2½-inch pots.

SMILAX. Plumosus and Sprengeri.

CINERARIAS in 4-inch pots. Extra nice plants.

Cut Flowers -- ROSES, CARNATIONS and MUMS.

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FRESH AND STRONG.

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CUT FLOWERS

IN AMERICA

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BEAUTIES.	Per doz.
Extra select	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
15-inch stems	2.00
12-inch stems	1.50
Short stems	1.00

	Per 100.
BRIDE	$6.00 to $8.00
MAIDS	6.00 to 8.00
METEORS	6.00 to 8.00
GOLDEN GATE	6.00 to 8.00
CHATENAY, best grade	8.00 to 10.00
" good grade	4.00 to 6.00
SUNRISE	4.00 to 8.00

	Per 100.
LIBERTY, long	$12.00 to $15.00
" medium	8.00 to 10.00
" short	4.00 to 6.00
IVORY	8.00 to 10.00
PERLE	4.00 to 8.00
CARNATIONS	2.00 to 3.00
" fancy.	4.00

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DUTCH HYACINTHS

for FORCING or BEDDING,

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LILIUM LONGIFLORUM.

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36 CORTLANDT STREET, NEW YORK

STOCK CHRYSANTHEMUMS—$6 per 100, 80c per doz., well furnished with cuttings. White—Early—Fitzwygram, Bergmann. Midseason—Queen, Robinson, Ivory. Late—Jerome Jones. Yellow—Early—Whilldin. Late—Bonnaffon, Wedding. Pink—Early—Pacific. Midseason and Late—Morel, Perrin, Maud Dean. Special and Scarce Kinds—Chadwick, white; Childs, red; Appleton, yellow; $8.00 per 100, $1.25 per doz.

ROSES—Strong Forcing Stock—3 in. Brides, Meteors, Golden Gates, $4.00 per 100, $35.00 per 1000. 2 in. Brides and Maids, $2.00 per 100. Choice Asparagus Plumosus for Christmas, 4-in., fine, $15.00 per 100; 5-in., $25.00 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

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CABBAGE—Jersey and Chas. Wakefield, Early and Late Flat Dutch, Succession and Drumhead, 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000.

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CELERY—In varieties, 15 cts. per 100; $1.00 per 1000.

LEEK—15 cts. per 100; $1.00 per 1000.

PARSLEY—Strong, 40c per 100; $1.50 per 1000.

If wanted by mail always add 10c per 100.

CASH WITH ORDER.

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FRUIT AND FLOWER PLATES

Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN

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Poinsettias for Xmas!

SURE TO BLOOM.

Extra fine stock,	2½	inch pots	$ 7.00	per 100
" " "	3	" "	10.00	"
" " "	4	" "	15.00	"
" " "	5	" "	25.00	"

HYDRANGEAS.

Field-Grown, very fine plants, ready for 7, 8 and 9-in. pots, at $15.00, $18.00 and $20.00 per 100.

Pot-Grown, well branched, $6.00 per doz.

Terms cash or satisfactory reference.

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Fitted and Handsome Fancies.

The "DAISY" Oval Tag, No. 401.
"CLUSTER OF ROSES" Tag, 3 kinds.
LABELS. "RED ROSE" and others.
Low Priced. Samples Free.

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SMILAX, strong 2-inch, $1.25 per 100.
GERANIUMS, mixed, $1.25 per 100.
E. I. RAWLINGS, - QUAKERTOWN, PA.

H. BAYERSDORFER & CO.,

50, 52, 54, 56 North Fourth St., PHILADELPHIA, PA.

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SEND AT ONCE FOR OUR NEW CATALOGUE.

If you want "CHRISTMAS NOVELTIES," we are in it. If you want ANYTHING in Florists' Supplies we have them.

SPECIAL GOODS and SPECIAL PRICES for the HOLIDAYS.

Send for the catalogue NOW.

PITTSBURG.

The Market.

The large shipments of carnations and chrysanthemums continued during last week, causing a severe decline in prices on the lower grades of stock. Consignments of chrysanthemums were very heavy, but the demand was slow and in consequence prices were low. Fancy grades of carnations found a ready market, but many of the standard grades and culls remained unsold. The weather was so like summer that flowers did not seem to attract the transient trade.

In Beauties the supply is about equal to the demand and prices have remained steady. There was a shortage in Maids, Brides and Liberties until Saturday, November 15, when large quantities arrived.

The supply of valley, violets and all green stock is now regular.

Various Items.

At the regular monthly meeting of the Florist Club, held on Wednesday evening, November 12, the subject for discussion was "Chrysanthemums," and, from the little outdoor pompon to the best blooms of the latest varieties, they were taken up and critically discussed. The meeting was largely attended. The membership of the club is rapidly increasing, which is probably due to the interesting discussions being held.

Elmer E. Siebert, who has been acting as superintendent of Highland Park, has resigned his position.

R. N. Lockwood, representing Stumpp & Walter Co., of New York; J. E. Bonsall, of Salem, Ohio, and Harry Chaapel, of Williamsport, Pa., were visitors here last week.

Sidney Gibbs' plant at Woodville, Pa., was badly damaged by fire on the evening of November 11. A new dwelling house, a palm and new propagating house and fifteen feet of the ends of seven carnation houses were destroyed. The origin of the fire is unknown. The loss is about $10,000, covered by insurance.

Mrs. E. A. Williams had the decorations at Duquesne Garden for the banquet and ball given by the Scottish Rite Masons, at their fiftieth annual reunion. The decorations were very beautiful and expensive.

The largest social function of the season was the housewarming at Alexander R. Peacock's new palatial home. The decorations were gorgeous, and large

[Continued on Page 912.]

200,000 ROOTED CUTTINGS READY NOW

	Doz.	100	1000
Gov. Wolcott, white	$0.60	$1.00	$35.00
Alba, white	.60	4.00	35.00
Golden Beauty, yellow	.60	4 00	35 00
Violania, variegated	1.25	9 00	75.00
Mrs. Palmer, scarlet	.60	4.00	35 00
Mrs. Higinbotham light pink	.60	4.00	35 00
J. H. Manley, scarlet	.60	4.00	35.00
Viola Allen, variegated	.60	4.00	35.00
Gaiety, fine variegated	.60	4.00	35.00
Harry Fenn, crimson	.60	4 00	35.00
Apollo scarlet	.60	4.00	35.00
Dorothy Whitney, yellow	.65	4 50	40.00
Stella, Dorner's variegated	.60	4.00	35.00
Corbett, salmon	.40	3 00	25.00
Dorothy, pink	.50	3.00	25.00
Chicot, white	.50	3 00	25 00
Gov. Roosevelt, maroon	.35	2.50	20.00
Prosperity, white-splashed pink	.35	2.50	20.00
Norway, white	.30	2 00	15.00
Lorna, white	.30	2.00	15.00

	Doz.	100	1000
Gold Nugget, yellow	$0,30	$2.00	$15.00
Lawson, pink	.30	2.00	15.00
Bon H. Richard white	.30	2.00	15.00
Morning Glory, shell pink	.30	2.00	15.00
Egypt, maroon	.30	2.00	15.00
Queen Louise white	.30	2.00	15.00
America, scarlet	.15	1.00	10.00
Crane, scarlet	.15	1.00	10 00
Genevieve Lord, light pink	.15	1.00	10 00
Evanston, red	.15	1.00	10.00
Tidal Wave, pink	.15	1.00	10.00
Joost, pink	.15	1.00	10.00
Mermaid, salmon, fine	.15	1.00	10.00
Portia, scarlet	.15	1.00	10.00
Armazindy, variegated	.15	1.00	10.00
Lizzie McGowan, white	.15	1.00	10.00
Wm. Scott, pink	.15	1 00	10.00
Marquis, light pink	.15	1.00	10.00
Argyle, pink	.15	1.00	10.00
Eldorado, yellow	.15	1.00	10.00
Gen. Maceo, maroon	.15	1.00	10.00

WRITE FOR PRICES ON LARGE LOTS.

6 at 12 rate. 25 at 100 rate, 250 at 1000 rate. Terms, spot cash, prepaid to your city at above prices. All rooted cuttings sold under express conditions that if not satisfactory on arrival, return immediately, when money will be refunded.

Unrooted Cuttings or Pips at one-half the price of Rooted Cuttings.

California Carnation Co.

LOOMIS, Placer County, CAL.

Mention The Review when you write.

CHRYSANTHEMUMS Large, Strong Stock Plants from Bench.

	Each	Doz.		Each	Doz.
Adrian	$0.35	$3.00	Prosperity	$0.25	$2.00
C. Holst	.25	2 00	Providence	.25	2.00
Honesty	.25	2.00			

T. Eaton, Mrs Chamberlain, Chadwick, Appleton, Liberty, Orizaba, Maud Dean, Childs, Lady Roberts, Monrovia. $1.50 per doz., $8.00 per 100.

Mrs. E. D. Smith, Bergmann, Willow Brook, Merry Monarch, Polly Rose, Glory of the Pacific, Geo. S. Kalb, Ivory, The Queen, Mrs. J. Jones, White Bonnaffon, H. A. Parr, October Sunshine, Robt. Halliday, Bonnaffon, R. H. Pearson, Lady Harriett, Adele, J. K. Shaw. $1.00 per doz., $6.00 per 100. 6 plants of one variety at doz. rate; 25 at 100 rate.

H. WEBER & SONS, - Oakland, Md.

Mention The Review when you write.

Stock Plants -- Chrysanthemums -- "Estelle."

The early wonder. Pure White, very large. Ready to cut Oct. 4. Sport of Glory Pacific, longer stem, better foliage, builds high in center. Awarded Certificate of A. C. S., at Cincinnati, Oct. 18, 1902. Grown and Owned by H. M. Altick, Dayton, O.

50c each; $5.00 per doz.; ½ doz. at doz. rate. (Cash with order.)

For sale by E. G. GILLETT, Wholesale Florist, 113 East Third St., CINCINNATI, O.

Mention The Review when you write.

Palms

Home Grown, Fine Clean Stock, Grown Cool.

ASPARAGUS SPRENGERI. 3-inch pots, nice plants, $4.50 per 100

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

..GERANIUMS..

Good Assortment, Standard Varieties, from 2¼-in. pots, $2.00 per 100.

	100
Giant Double Alyasum, 2¼-inch pots	$2.00
Dwarf " " 2¼-inch pots	2.00
Hardy English Ivy, 2¼-inch pots	2.00
Hardy English Ivy, rooted cuttings, $5.00 1,000	.75
Swainsona Alba, 2¼-inch pots	2.00
Baby Primrose, 2¼-inch pots	2.00
Lemon Verbena, 2¼-inch pots	2.50
Ageratums—Stella Gurney and Dwarf White, 2¼-inch pots	2.00
Abutilon, in variety, 2¼-inch pots	2.50
Alternanthera, in variety, 2¼-inch pots	2.00
Coleus, in variety, 2¼-inch pots	2.00
Lantana, 10 varieties, 2¼-inch pots	2.00
Smilax, 2¼-inch pots	2.00
Salvia Silver Spot, 2¼-inch pots	2.00
Forget me Not, large-flowering, blue, 2¼-inch pots	3.00
Fuchsia, in variety, 2¼-inch pots	3.00

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

"DUNNITE" (Trade Mark. Registered) for Roses.

A formula for preventing and remedying Black Spot on Rose Plants. Especially adapted to American Beauty.

Prices: 1 quart glass bottles (boxed), 75c, boxing 10c extra. 1 gallon glass demijohns (boxed), $2.50, boxing 50c extra. 2-gallon glass demijohns (boxed), $4.00, boxing $1.00 extra.

When demijohns are returned cost of same will be deducted from following invoice.

Manufactured only by DUNNE & CO., Horticultural Supplies, 54 West 30th St., NEW YORK.

Mention The Review when you write.

WE WERE NOT THE WHOLE SHOW

But we were a part of it. That we were "in it" is evidenced by the Judges' Report. Read what they said:

At KANSAS CITY:

AMERICAN BEAUTIES, BRIDES, MAIDS, four entries,
2 Firsts, 2 Seconds.

At CHICAGO:

FIRST on 25 BEAUTIES.
FIRST on 50 BEAUTIES.
FIRST on 100 BRIDES.
FIRST on 100 MAIDS.

OUR 100 BRIDESMAIDS WON THE FOLEY MFG. CO.'S SPECIAL PRIZE,
A SILVER CUP, FOR BEST VASE OF ROSES ON EXHIBITION.

OUR PRIZE-WINNING ROSES AT THE CHICAGO SHOW.

CHOICE BEAUTIES our SPECIALTY.

TEAS, CARNATIONS, MUMS, VIOLETS, VALLEY, GREEN GOODS.

A full line of every variety of CUT FLOWERS to be had in season.

Having remodeled and enlarged our salesroom we are now better equipped than ever to handle our constantly increasing business. **Give us your order and we will do the rest.**

BENTHEY & CO.

Salesroom, 35 Randolph St., CHICAGO.
Greenhouses, New Castle, Ind.

WHITE CARNATIONS WILL SOON BE IN DEMAND, WHEN MUMS ARE GONE.

Murphy's White

The coming commercial carnation is standing the test on long shipments to Chicago, Buffalo, Pittsburg, and St. Louis. It is a bloomer, or we could not keep up the supply we have since Aug. 15 to date, and still plenty of buds in sight for the Holidays. You will not make a mistake in stocking up on this variety. Rooted Cuttings, $6.00 per 100; $50.00 per 1000. $45.00 on 5000 and $40.00 on 10,000 lots. We are headquarters for Carnation Blooms in Cincinnati. Try us on a shipment.

Long Distance Telephone 4411. WRITE OR WIRE.

WM. MURPHY, 130 East 3rd Street, Cincinnati, Ohio.

WHOLESALE CARNATION GROWER.

Mention The Review when you write.

quantities of orchids, American Beauties and chrysanthemums were used. Suffice it to say that the decorations were exquisite. Randolph & McClements had this decoration. Mr. Peacock is a member of the U. S. Steel Co.

The Pittsburg Cut Flower Co. is handling some very good Cypripedium insigne, Roman hyacinths and paper white narcissus. Mr. Clarke, of that company, informs the writer that they are adding new consignors right along and that out of town shipments are increasing. This question was put to him the other day by one of our prominent retailers: "Could not more odds and ends such as bouvardia, candytuft, sweet alyssum, swainsona, ixia, Bride gladiolus, ranunculus, etc., be sold here?" Brother Clarke said a limited quantity could be sold if they had it.

A slick individual worked this little game successfully on one of the downtown florists last week. He 'phoned for a handsome box of cut flowers, to cost $25, and to be delivered to a well known address, with instructions to the salesman to send sufficient change for a $50 check. The fellow met the messenger at the entrance to the house, relieved him of his box and $25 change, and handed him a tip and a worthless check. Hoo-Hoo.

At the last meeting of the Pittsburg and Allegheny Florists' and Gardeners' Club, I was instructed to notify you officially that the officers of the club for the year 1902 are as follows: President, Wm. Falconer; vice-president, E. C. Reineman; secretary, H. P. Joslin; assistant secretary, E. C. Ludwig; treasurer, Fred Burki; executive committee, Fred Burki, Jno. Bader, P. S. Randolph.

H. P. Joslin, Sec'y.

A Seasonable Hint.—This is a good time to order a copy of the Florists' Manual, by William Scott, if you do not already have a copy. It costs $5, but contains more matter of real value to florists than a library of other books costing from $50 to $75.

Field-Grown ROSES $8.00 per 100.

1 to 4 ft. 50 varieties. **Crimson Rambler a Specialty.**

Wm. K. Nelson, Augusta, Ga.

Mention The Review when you write.

Azaleas at Import Prices.

We are still supplying Azaleas at import prices. If you have not yet secured your supplies you should place your order at once as prices will be advanced as soon as the stock is potted up. Our sales on Azaleas have been greater this season than ever and have given universal satisfaction.

10 to 12-inch crowns, bushy plants				$ 4.50	per doz.	$ 35.00 per 100
12 to 14-inch	"	"	"	6.00	"	45.00 "
14 to 16-inch	"	"	"	7.50	"	55.00 "
16 to 18-inch	"	"	"	12.00	"	90.00 "
18 to 20-inch	"	"	"	25.00	"	200.00 "
20 to 24-inch	"	"	"	36.00	"	300.00 "

We can still include 10 per cent Mme. Van der Cruyssen in assorted lots, this variety being very scarce this season.

HENRY A. DREER, 714 Chestnut St., Philadelphia.

Mention The Review when you write.

LILLIAN POND....

THE LARGEST AND BEST WHITE.

A pure white flower averaging 3½ inches on long stiff stems. A continuous, free and early variety with a flower perfectly formed and very fragrant.

A Money-Maker for You All.

Orders filled strictly in rotation, delivery commences January 1, 1903.

Prices—12, $1.50; 25, $3.00; 50, $5.00; 100, $10.00; 250, $23.00, 500, $37.50; 1000, $75.00.

S. J. REUTER,

WESTERLY, RHODE ISLAND.

Mention The Review when you write.

20,000

Mrs. Fisher Carnations

FOR SUMMER BLOOMING.

Rooted Cuttings or 2-inch pots.

Write GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

W. & T. SMITH COMPANY,

GENEVA, N. Y.

Wholesale Growers of Ornamental Trees, Shrubs Roses, Clematis, Fruit Trees, and Small Fruits in great variety.

Send for our Wholesale Price List.

Mention The Review when you write.

CARNATIONS!

12,000 strong healthy field-grown plants.

	Per 100	Per 1000
Bradt	$7.00	$60.00
Marquis	6.00	50.00
Lizzie McGowan	4.00	30.00
G. Lord	5.00	40.00
Melba	5.00	40.00
Mac Richmond	5.00	40.00
Scott	4.00	30.00

250 of one variety at 1000 rate.

ISAAC H. MOSS,

GOVANSTOWN, Baltimore, Md.

Mention The Review when you write.

MISS LOUISE FABER

The longest stemmed carnation in existence. Its fragrance and blooming qualities are second to none. Color a bright pink. Flowers measure 3 to 3½ inches, and stems 3½ to 4 feet. Received a certificate of merit at the summer exhibition of the Pacific Coast Horticultural Society in San Francisco. Prices: $2.00 per 12; $10.00 per 100; $75.00 per 1000; $500.00 per 10,000. Orders filled in rotation, beginning Feb. 1.

FICK & FABER,

SAN MATEO, CAL.

Mention The Review when you write.

ALL THE BEST CARNATIONS

LEADING NOVELTIES OF 1903.

The Best Varieties of 1902.

All the Standard Varieties.

Send in your orders for Rooted Cuttings **now.**

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CHICAGO CARNATION CO.

All honor to Dorner for the New Pure Pink Carnation, bought by us and named

FIANCEE

Judged as THE FINEST CARNATION IN THE WORLD.

Awarded 1st Prize for Best Light Pink.
1st Prize, Silver Cup for Sweepstakes.
1st Prize, S. A. F. Silver Medal for the best new thing in the show.

IT WILL NOT BE SENT OUT THIS SEASON.

Since the success of our new varieties at the flower shows again this Fall orders are coming in fast. If you want January delivery send in your order at once.

HARLOWARDEN, bright crimson.....	$12.00	per 100;	$100.00	per 1000.
HER MAJESTY, white.....	10.00	"	80.00	"
MARSHALL FIELD, variegated.....	12.00	"	100.00	"

SEND FOR DESCRIPTIVE CIRCULAR.

Chicago Carnation Co., Joliet, Ill.

For Thanksgiving Trade.

Begonia Gloire de Lorraine

Fine specimens from $1.50 to $2.00. Full of blooms.

PANDANUS VEITCHII,

Finely colored specimens from $1.00 to $4.00 each.

Begonia Gloire de Lorraine

2-inch pots, $15.00 per hundred.

J. A. PETERSON,

McHenry Avenue, Westwood, CINCINNATI, OHIO.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, in variety, 2¼-in., $2.50 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ACALYPHAS.

Acalypha tricolor, fine 4-in. stock, $1.00 per dozen.
G. M. Naumann, Doan St., Cleveland, Ohio.

ACHILLEAS.

Achillea "The Pearl," extra strong roots, $1.50 per 100; $10.00 per 1,000.
WM. A. FINGER, Hicksville, L. I., N. Y.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALYSSUM.

Giant and dwarf dbl. alyssum, 2¼-in., $2.00 100. R. Vincent, Jr., & Son, White Marsh, Md.

ARAUCARIAS.

Araucaria excelsa, fine stock, 60c, 75c and $1.00. A. robusta compacta and A. glauca in all sizes.
SIEBRECHT & SON, New Rochelle, N. Y.

ARDISIAS.

Ardisia crenulata. Large stock. Write for prices. Fine plants in many sizes. Orders booked now for Christmas delivery.
JULIUS ROEHRS, Rutherford, N. J.

ASPARAGUS.

ASPARAGUS SPRENGERI, strong plants from flats, $1.00 per 100, $7.50 per 1,000, $25.00 for 5,000. Cash.
PHILLIPPI BROS., Citrus Nurseries, Rocklin, Placer Co., Cal.

Asparagus Sprengeri is our specialty; 2-in., $2.00; 2¼-in., $2.50; 2½-in., $3.00; 3-in., $4.00; 4-in., $8.00, and $10.00 per 100. Special rates on large lots. J. H. Bornhoeft, Tipton, Ind.

Asparagus plumosus, 4-in., fine plants, $1.50; 4-in., extra fine, $2.00 doz.
Geo. Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus plumosus, 3-in., 5c; 5-in., 25c. Fine plants in fine condition.
Crown Point Floral Co., Crown Point, Ind.

Field-grown Asparagus Sprengeri, at $3.00, $5.00 and $7.00 per 100.
C. WINTERICH, Defiance, Ohio.

Asparagus Sprengeri, nice 2½-in. stock, $2.50 per 100, $20.00 per 1000.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Asparagus plumosus, choice, 4-in., $15.00; 5-in., $25.00 100.
W. H. GULLETT & SONS, Lincoln, Ill.

Asparagus, Sprengeri, fine 2½-in., $2.00 100; 2-in., $1.25 100.
Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

ASPARAGUS PLUMOSUS, from 2½-in. pots, $4.00 per 100.
B. FRANK BARR, Lancaster, Pa.

ASPARAGUS PLUMOSUS, 2¼-in., stroog, $3.00 100. Cash.
JOS. H. CUNNINGHAM, Delaware, O.

Asparagus plumosus, 3-in. strong, $5.00 per 100. Wm. Schwan, Risley St., Fredonia, N. Y.

2000 Asparagus plumosus, 2x2½-in., nice bushy plants, $3.00 100. M. I. O'Brien, Sharon, Pa.

Asparagus Sprengeri, 3-in., nice plants, $4.50 100. J. B. Heiss, Dayton, O.

Asparagus Sprengeri, 3-in., extra fine, $2.50 per 100. Gesler & Drury, Galesburg, Ill.

A few Asparagus Sprengeri, 2-in., cheap to close out. N. O. Caswell, Delavan, Ill.

Asparagus Sprengeri, 4-in., $5.00 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Asparagus Sprengeri and plumosus. Write.
Geo. A. Kohl, Pekin, Ill.

Asparagus tenuissimus, large, 3½-in., $2.50.
C. M NIUFFER, Springfield, Ohio.

Asparagus plumosus, all sizes.
A. S. MACBEAN, Lakewood, N. J.

AZALEAS.

Our AZALEAS are in splendid condition. Don't place your order until you have inspected our stock and been quoted prices on same.
BOBBINK & ATKINS, Rutherford, N. J.

DREER'S AZALEAS—Finest varieties, best values. For sizes, prices, etc., see displayed adv. in this issue.
H. A. DREER, Philadelphia, Pa.

Azalea indica, leading varieties, now ready.
F. W. O. Schmitz, Prince Bay, N. Y.

BAY TREES.

Box Trees, Pyramid, Standard and Bush form for tubs or vases. All sizes and prices from $1.00 to $5.00 each.
SIEBRECHT & SON, New Rochelle, N. Y.

Bay Trees. Largest stock in America.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Rex begonias, 2-in., $4.00 per 100, some of the best varieties. Also Begonia manicata aurea, 2-in., $4.00.
N. O. CASWELL, Delavan, Ill.

Begonias, strong plants. Rubra. Pres. Carnot. Metallica. Argenteo-guttata. 2½-in., $2.50.
C. M. NIUFFER, Springfield, Ohio.

Mixed flowering begonia rooted cuttings at $1.50 per 100, by mail postpaid.
A. B. Campbell, Cochranville, Pa.

BERRIED PLANTS.

Jerusalem cherries, well-berried plants, for 5-in. pots, $15.00 per 100.
A. SCHMITT, Glenville, Ohio.

BULBS.

CLEARING SALE. French and Dutch bulbs. Single named Dutch hyacinths, separate colors in equal proportion, $3.50 100; $30.00 1,000.

	100	1,000
Hyacinths, French white Romans, 12-15 cms.	$2.25	$21.00
Crocus, named sorts, separate colors	.30	2.00
Crocus, blue, white and striped, each	.20	1.50
Narcissus Horsfieldii	1.75	
Narcissus Empress	2.00	
Narcissus paper white grand, 13-15 cms.	.80	7.50
Narcissus dbl. Von Sion (dbl. nose), fine	1.60	15.00
Narcissus dbl. Von Sion, extra large	1.15	10.00
Oxalis Bowiei, crimson	.60	

25 bulbs at 100 rate; 250 at 1,000 rate.
JOHNSON & STOKES, 217-219 Market St. Philadelphia, Pa.

GLADIOLI, finest mixed, $1.50 to $4.00 per 1000. ISMENE CALATHINUM, $3.00 to $5.00 per 100. ONALIS, 5 fine varieties, named, 50 to 60c per 1000; mixed, $30.00 per 100,000. MADEIRA VINE, $5.00 to $10.00 per 1000. List free. E. Y. TEAS, Centerville, Ind.

Lilium Harrisii, 7 to 9, $80.00 1,000; Roman hyacinths, 12 to 15 cms., $22.00 1,000. Narcissus paper white grand, 13 cms. and up, mammoth bulbs, $8.00 1,000. The above have just arrived and prices are for immediate orders. All Dutch and Japan bulbs now on hand.
F. W. O. SCHMITZ, Prince Bay, N. Y.

Send for special low prices on DUTCH HYACINTHS for forcing or bedding, and LILIUM LONGIFLORUM.
J. M. Thorburn & Co., 36 Cortlandt St., New York.

Milla and Bessera, $10.00 1000. Cooperia, 2 kinds, $3.00 to $4.50 1000. Zephyranthes Andersonii, $6.00 1000. William Tell, Austin, Tex.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application.
JAMES VICK'S SONS, Rochester, N. Y.

No. 2 Excelsior Pearl tuberoses, 3 to 4 inches in circumference, and Caladium esculentum bulbs.
Z. J. Carter & Son, Wallace, N. C.

Send to us for our SPECIAL low prices on SURPLUS BULBS.
BOBBINK & ATKINS, Rutherford, N. J.

LILIUM TENUIFOLIUM. Large stock, low prices. Fred H. Burdett, Clifton, N. Y.

ALL BULBS here offered are of the very best quality, and are offered far below value.

HYACINTHS.

White Romans, 11x12, $1.50 per 100; $14.00 per 1000.
White Romans, 11x15, $1.75 per 100; $16 per 1000.
Blue, light or dark rose Romans, very large bulbs, $1.65 per 100; $15.00 per 1000.
White Italian, extra fine forcer, $2.00 per 100; $18.00 per 1000.

NARCISSUS.

	100.	1000.
Paper White Grandiflora, 13-16 cm.	$ .70	$6.00
Von Sion, True Dutch, Extra double-nosed	1.25	10.00
Von Sion, True Dutch, extra select, many double-nosed	1.00	8.00
Golden Spur, 1st size, very large, 30c per doz.	1.50	
Single mixed, double mixed, or Trumpet Narcissus, all our own very BEST and CHOICEST mixture	.60	5.00

TULIPS.

We have in stock all FLORISTS' sorts but offer at a great reduction especially our

	100.	1000.
SUPERIOR choice EARLY single mixed	$ .50	$4.00
SUPERIOR choice double mixed	.55	4.50
Gesneriana, the TRUE sort	1.00	9.00
A large surplus of Keizerskroon at.	.85	8.00
CALLA Richardia (Spotted Calla)	3.00	25.00
ALLIUM NEAPOLITANUM	.35	3.00
GLADIOLI COLVILLEI ALBA	.45	4.00

LILIES.

Lil. Longiflorum, SAME unrivaled stock we have been furnishing FLORISTS for 20 years. Time to plant them now for EASTER. 6x8, 100, $2.50; 1000, $23.00. 9x10, 100, $6.00; 1000, $55.00. 7x9, 100, $3.75; 1000, $35.00. 10x11, 100, $7.50; 1000, $70.00.
All Japan Lilies in now.

DUTCH HYACINTHS.

Finest named sorts, in separate colors our selection, $3.50 per 100; separate colors, mixed, $2.25 per 100.
200 at 1000 rate; 25 at 100 rate.
H. H. BERGER & CO., 47 Barclay St., N. Y.

Ex. Pearl tuberose and Caladium esc. bulbs.
Jno. F. Croom & Bro., Magnolia, N. C.

Mexican summer bulbs. Send for list.
J. A. McDOWELL, City of Mexico.

CACTI.

Cactus, Old Man's Head, $3.00 doz., postpaid.
J. A. McDOWELL, City of Mexico.

CANNAS.

Cannas. Chas. Henderson, Fl. Vaughan, Queen Charlotte and other good varieties; field clumps or divided to two or three eyes.
Jos. Dunn, Orr's Mills, N. Y.

Cannas. Alsace, F. Vaughan and Mlle. Berat, a good pink, at $1.50 per 100. C. Henderson at $1.00 per 100. Good dry eyes.
A. B. Campbell, Cochranville, Pa.

Strong field-grown clumps of Fl. Vaughan, Austria and Burbank, mixed, at $5.00 per 100 if taken at once. C. W. Noyes, Prophetstown, Ill.

50,000 for fall delivery, including 3 best pinks. Standard sorts. What do you want?
Write Benj. Connell, West Grove, Pa.

CANNAS. An exceptionally fine lot; 50 best sorts.
C. BETSCHER, Canal Dover, Ohio.

CAREX

Carex jap. variegata, a useful decorative grass, 2¼-in., $2.50 100.
N. Smith & Son, Adrian, Mich.

CARNATIONS.

CARNATIONS. Fine, large, healthy plants.

	Per 100.	Per 1,000
Flora Hill	$7.00	$60.00
White Cloud	6.00	50.00
Norway	6.00	50.00
Marquis	5.00	40.00
Guardian Angel	5.00	45.00
Prosperity	5.00	40.00

WIETOR BROS., 51 Wabash Ave., Chicago.

Strong, healthy, field-grown carnation plants ready for planting:

100	1000		100	1000
Bradt $7.00	$60.00	Lord.....$5.00		$40.00
Marquis .. 6.00	50.00	Melba..... 5.00		40.00
Scott..... 4.00	30.00	M'Richm'd 5.00		40.00
McGowan. 4.00	35.00			

250 of one variety at 1000 rate.
ISAAC H. MOSS, Govanstown, Baltimore, Md.

Mrs. E. A. Nelson is the carnation for you to grow. Cuttings, Jan. and Feb. delivery, guaranteed strong and healthy, $6.00 100; $50.00 1000.
S. S. Skidelsky, 708 No. 16th St., Philadelphia, Pa.

LILLIAN POND, the largest and best white—it's a money-maker for all of you. Delivery commences Jan. 1, 1903. Prices: 12 $1.50, 25 $3.00, 50 $5.00, 100 $10.00, 250 $23.00, 500 $37.50, 1000 $75.00.
S. J. REUTER, Westerly, R. I.

MURPHY'S WHITE, the commercial white carnation, will be distributed Jan. 15, 1903. YOU WILL WANT IT, so place your order now. Price: $6.00 100, $50.00 1,000.
WM. MURPHY, 130 East Third st., Cincinnati, O.

Two sisters, MARIAN and DORA, are on the way. Keep your eyes open. Both white. Orders booked now and cuttings sent as soon as ready in January next. Price: $5.50 per 100, $45.00 per 1000.
Isaac A. Passmore, Route 7, Westchester, Pa.

Rooted carnation cuttings ready Dec. 1. Satisfaction guaranteed and express charges prepaid. See displayed adv. in this issue for varieties and prices.
CALIFORNIA CARNATION CO., Loomis, Cal.

Field-grown carnation plants, potted and grown in 4-in. pots, of Joost, Eldorado, Portia, Jubilee, Irene, Maceo, Lord, Lippincott, Marquis, $4.00 100. J. L. Dillon, Bloomsburg, Pa.

Reduced price on field-grown carnations. Triumph, Morning Glory, Joost, Marquis, Prosperity and Lord, $5.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Carnation plants from field, 500 strong Joost and Scott $5.00 100.
C. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

Mrs. Fisher carnations for summer blooming. Rooted cuttings or 2-in. pots.
GEO. A. KUHL, Pekin, Ill.

Rooted carnation cuttings. Send a list of what you need for prices.
ALBERT M. HERR, Lancaster, Pa.

Unrooted carnation pips. All the latest varieties. Send for prices.
Utica Floral Co., Utica, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums, large stock plants from bench. Adrian, 35c each, $3.00 doz.; C. Holst, Honesty, Prosperity, Providence, 25c each, $2.00 doz.
Eaton, Mrs. Chamberlain, Chadwick, Appleton, Liberty, Orizaba, Maud Dean, Childs, Lady Roberts, Monrovia, $1.50 doz., $8.00 100.
Mrs. E. D. Smith, Bergmann, Willow Brook, Monarch, Polly Rose, Glory of Pacific, Kalb, Ivory, The Queen, Mrs. J. Jones, White Bonnaffon, Parr, October Sunshine, R. Halliday, Bonnaffon, R. H. Pearson, Lady Harriott, Adele, J. K. Shaw, $1.00 doz., $6.00 100.
Six plants of one variety at doz. rate; 25 at 100 rate.
H. WEBER & SONS, Oakland, Md.

Stock chrysanthemum plants, strong and healthy, full of young growth, of the following varieties: Fitzwygram, white and pink Glory of Pacific, Monrovia and Robt. Halliday, two best early yellows; Kalb, Willowbrook, Bergmann, J. K. Shaw, October Sunshine, Fee du Champsaur, Ivory, Bonnaffon, Col. Appleton, Timothy Eaton, Holst, Evangeline, Viviand-Morel, Chas. Davis, Mongolian Prince, Intensity, H. A. Parr, Mrs. Perrin, E. D. Smith, Pennsylvania, Philadelphia, Arab, Adula, Helen Bloodgood, T. L. Parks, Chadwick, F. B. Hayes, White Bonnaffon, Yanoma, Rieman, Walleroo, Golden Beauty, Superba, Goldmine, Golden Wedding, Malcolm Lamond, Childs, R. Hooper Pearson, etc., 10c each; $1.00 doz.
GUNNAR TEILMANN, Marion, Ind.

CHRYSANTHEMUM STOCK PLANTS. Bergmann, Glory of Pacific, Douglas, Jerome Jones, Maud Dean, Mrs. Robinson, Ivory, Mrs. O. P. Bassett, Gladys Vanderbilt, Viviand-Morel, Bonnaffon, Dorothy Divine, Philadelphia, Rose Owen, Whilldin, Autumn Glow, Western King, Pres. Graham, Mrs. T. L. Park, Geo. W. Childs, C. H. Peirce, 75c per doz., $5.00 per 100.
Xeno, Lady Harriott, White Bonnaffon, Col. Appleton, Timothy Eaton, Monrovia, Polly Rose, 10c each, $1.00 per doz.
Thornden, Silver Wedding, Goldmine, Robt. Halliday, 15c each, $1.50 per doz.
WALKER & McLEAN, Youngstown, O.

Chrysanthemum stock plants. Appleton, Chadwick, Eclipse, White and Yellow Bonnaffon, Golden Wedding, Morel, Robinson, Bassett, Jones, Nellie Pockett, Mrs. McArthur, Pacific, Polly Rose, Jumbo, Yanza and others, 10c each, $1.00 doz., $6.00 100.
DALY BROS., New Durham, N. J.

Stock chrysanthemums. Fitzwygram, Bergmann, Queen, Robinson, Ivory, Jerome Jones, Whilldin, Bonnaffon, Wedding, Pacific, Morel, Perrin, Maud Dean, 80c doz., $6.00 100.
Chadwick, Childs, Appleton, $1.25 doz., $8.00 100. W. H. GULLETT & SONS, Lincoln, Ill.

CHRYSANTHEMUM STOCK PLANTS. White and Yellow Fitzwygram; White, Yellow and Pink Ivory; White and Yellow Jones; Kalb, Bergmann, Robinson, Buettner, Wanamaker, Sunshine, Appleton, Golden Trophy, Whilldin, Bonnaffon, Pennsylvania, Wedding, Rieman, Gold Mine, Montmort, Pacific, Perrin, Morel, Murdock, Autumn Glory, Xeno, Maud Dean, $5.00 per 100. Eaton and Chadwick, $7.00 per 100. Stock will be shipped as soon as cut down.
POEHLMANN BROS. CO., Morton Grove, Ill.

Stock plants of—

Timothy Eaton,	Col. Appleton,
Glory of Pacific,	Yellow Monarch,
Bonnaffon,	Nellie Pockett,
Halliday,	Robinson,
Ivory,	Adele,
J. K. Shaw,	Murdock,
Merza,	Xeno.

Tenor L. Park at 50c doz.; $5.00 100.
WOODFALL BROS., Glen Burnie, Md.

Stock mums. Kalb, Pacific, O. P. Bassett, Robinson, Whilldin, Ivory, Childs, Appleton, Bonnaffon, Golden Trophy, Chadwick, Mayflower, Frank Hardy, Hatch, Modesto, Philadelphia, Indiana, Yellow and White Queen, Fitzwygram, Perrin, Rieman, Timothy Eaton, Defender, Eclipse and Murdock at 5c each at McKellar's Greenhouses, Chillicothe, Ohio.

Chrysanthemum stock plants. White—Ivory, Robinson, Jones, Queen. Pink—Mrs. Perrin, Helen Bloodgood. Yellow—Modesto, Lincoln, $1.00 per doz.; $8.00 per 100.
Col. Appleton, Timothy Eaton, $1.50 per doz.; $12.00 per 100.
Seattle Floral Co., 4th and Dennyway, Seattle, Wash.

Stock mum plants of Timothy Eaton, Perrin, Bonnaffon, Childs, Cullingfordii, Robinson and Glory of Pacific, from 5 to 7-in. pots., $4.00 per 100. Cash.
W. W. Thompson & Sons, Station D., Milwaukee, Wis.

Chrysanthemum stock plants. Willow Brook, Marion Henderson, Maud Dean, Ivory, Glory Pacific, Mrs. Weeks, Golden Wedding, Mrs. H. Robinson, Viviand-Morel, Yellow Queen, 75c doz., $5.00 100.
WM. SCHWAN, Risley St., Fredonia, N. Y.

Good, strong stock plants of Primo, Eaton, Mrs. Elmer D. Smith, Dalskov, Robinson, Appleton, Pacific, Bonnaffon, Lady Harriott, $6.00 per 100.
JOHN H. VESEY, 201 N. Denver ave., Kansas City, Mo.

Stock chrysanthemum plants, good, healthy stock of the following varieties: Bergmann, Pacific, Robinson, Pink and White Ivory, Sunderbruch, Whilldin, Bonnaffon, Maud and Effie Dean, Golden Wedding, $5.00 per 100.
Wagner Park Conservatories, Sidney, O.

Chrysanthemum stock plants. Pacific, Willowbrook, H. A. Parr, Robert Halliday, Mrs. Robinson, Queen, Bonnaffon, Geo. C. Jenkins, Arline, $5.00 per 100. Timothy Eaton, $7.00 per 100. Cash, please. William Schroeder, 10th st. and 1st ave., Williamsbridge, New York City.

Chrysanthemum stock plants. Mrs. Coombes, the finest early pink, 15c each. Nellie Pockett, fine white, 15c each. Standard sorts—Appleton, Robinson, Eaton, 8c each. No order filled for less than $1.00.
W. A. CHALFANT, Springfield, Mo.

Stock mums. Pink—Glory of Pacific, Mrs. Perrin. Yellow—R. Halliday, Appleton. White—Polly Rose, Queen, White and yellow Bonnaffon, Chadwick, White and Pink Ivory, 75c doz.; $5.00 100. Cash, please.
G. M. Naumann, Doan St., Cleveland, O.

Chrysanthemums. Stock plants. Col. D. Appleton, Timothy Eaton, Golden Wedding, H. W. Rieman, J. H. Kalb, W. H. Chadwick, $1.00 per doz.; $8.00 per 100. Cash, please.
C. B. Schisler, Williamsville, N. Y.

Chrysanthemum stock plants. Robinson, Queen, Golden Gate, Philadelphia, Blackhawk and other leading varieties; fine plants; $6.00 $100; 75c dozen.
MAX SCHREIBER, Box 570, McDonald, Pa.

Stock chrysanthemum plants. White and yellow Fitzwygram, Ivory, Dalskov, white and yellow Jones, Bergmann, Robinson, Primo, etc., $8.00 100.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants of Eaton, Appleton, Golden Wedding, Xeno, October Sunshine, White and Yellow Jones and Snow Queen.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Stock plants of Chadwick, Eaton, Kalb, Robinson, Appleton, Bassett, Bonnaffon and Wedding, $1.00 per doz., $6.00 per 100.
H. P. GERHARDT, 27 Waterloo Ct., Chicago.

Stock plants of Kalb, Ivory, Bonnaffon, white and yellow Robinson, and Col. Appleton, $6.00 100. Crabb & Hunter, Grand Rapids, Mich.

Chrysanthemum stock plants. Timothy Eaton and Col. D. Appleton, $1.00 per doz., $6.00 per 100. E. J. Hull, Olyphant, Pa.

Orders booked now for stock mums. Best standard varieties, $1.25 per doz. Cash.
GEO. HARRER, Morton Grove, Ill.

Chrysanthemum stock plants, leading varieties, $4.00 100. Eaton and Chadwick, $6.00.
John Brod, 349 W. North ave., Chicago.

Chrysanthemum stock plants. Send us a list of your wants. Prices quoted promptly.
N. SMITH & SON, Adrian, Mich.

Stock plants of early varieties of chrysanthemums ready now. GEO A. KUHL, Pekin, Ill.

CINERARIAS.

Cineraria grandiflora, extra strong, ready for 3½-in., $1.50 100. Cash.
J. W. MILLER, Hatton, Pa.

Cinerarias, strong 3-in. stock, $4.00 per 100; 5-in., $10.00 per 100.
James Frost, Darke Co., Greenville, Ohio.

Cinerarias, 3-in., $3.00, 4-in., $6.00 100; 5-in., extra fine, $1.50 doz.
Utica Floral Co., Utica, N. Y.

1,000 cinerarias, choice 2-in. stock, $2.50 per 100. Cash. Pierce & Johnson, Adrian, Mich.

Cinerarias, 3-in., strong frame-grown stock, $5.00 100. C. Winterich, Defiance, Ohio.

Cinerarias, 4-in. Extra nice plants.
GEO. A. KUHL, Pekin, Ill.

CLEMATIS.

Clematis coccinea, $40.00 and $45.00 1000. Clematis crispa, $35.00 and $40.00 1000.
WILLIAM TELL, Austin, Texas.

Clematis apiifolia, a fine variety; strong plants from 3-in., $8.00 100.
P. J. BERCKMANS CO., Augusta, Ga.

Clematis, pot-grown, 10 sorts, $2.50 doz., $16.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus in best varieties—some never offered before—2¼-in., $2.00 100.
Mayer & Son, Willow Street, Lanc. Co., Pa.

Coleus, stocky 2½-in., 12 different colors, $1.75 100. Cash.
H. Ernst & Son, Washington, Mo.

The new winter-flowering coleus, Thyrsoides. Rooted cuttings, $2.00 100.
J. A. WIRE, Downers Grove, Ill.

Coleus, in variety, 2¼-in., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

CYCLAMEN.

Fine cyclamen in bud and bloom; 6-in. pots, $6.00 per doz.; 7-in., $9.00 per doz.; 4-in. all sold. Order now when there is no danger of frost, for Thanksgiving and Christmas.
GEO. A. RACKHAM, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen giganteum, strong plants, showing buds nicely. They are fine stock. 3-in., $6.00 100. Cash with order.
LOUIS BAUSCHER, Freeport, Ill.

Cyclamen giganteum, 3-in., $5.00; 4-in., well-budded plants, ready for 5-in., $10.00.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen, well set with buds, 4-in., $12.00; 5-in., $18.00 and $25.00.
C. WINTERICH, Defiance, Ohio.

Cyclamen, 150 3-in., $4.00 per 100; 300 2-in., $3.00 per 100. Cash.
Pierce & Johnson, Adrian, Mich.

Cyclamen, 4-in., $10.00 100.
Utica Floral Co., Utica, N. Y.

CYPERUS.

Cyperus, 150 2-in., $3.00 per 100; 100 3-in., $4.00 per 100. Cash.
Pierce & Johnson, Adrian, Mich.

DAHLIAS.

Dahlias. Special prices to close out surplus. Livoni, shell pink; Brunton, large yellow; Nymphaea, flesh pink; Prince Charming, rose pompon; Agnew, scarlet, heavy clumps, just as dug from field, will divide into 4 to 15 strong roots, $5.00 100; $45.00 1000.
ELM CITY NURSERY CO., New Haven, Conn.

Dahlias, 25 leading varieties, all under name, guaranteed true. Heavy field clumps, just as dug, $5.00 100, $45.00 1000.
DINGEE & CONARD CO., West Grove, Pa.

DAISIES.

The GREAT SHASTA DAISY, a fine thing; hardy; 4-in. flowers on 12-in. stem; pure white; doz., $1.00 by mail; 100, $6.00 by exp.
S. J. GALLOWAY, Eaton, Ohio.

Double daisies, Longfellow and others, $2.50 1000; 50c 100 by mail. Cash.
H. Ernst & Son, Washington, Mo.

Daisies, red and white; large plants, 35c 100, $2.50 1000. J. C. Schmidt, Bristol, Pa.

Chrysanthemum frutescens, white and yellow, $1.00 100. Buckley Plant Co., Springfield, Ill.

DEUTZIAS.

Deutzia gracilis, pot-grown, $1.50 doz.; $12.00 100.
ROBBINK & ATKINS, Rutherford, N. J.

DRACÆNAS.

Dracaena indivisa, field or pot-grown, 5-in., $20.00 per 100. A. SCHMITT, Glenville, Ohio.

FERNS.

FERNS OUR SPECIALTY. Come to headquarters with your orders. We have added another large range of greenhouses to our establishment and can offer you unlimited quantities of JARDINIERE FERNS, fine, stocky plants, from 2¼-in. pots, in 15 of the best varieties, at $3.50 100; $30.00 1000. SAMPLES FREE. From 3-in. pots, for larger jardinieres, including all the leading varieties, $8.00 100; $75.00 1000.

4-in. stock, fine as specimen plants, or for large jardinieres and basket work, well-grown stock, very compact, in the following varieties: PTERIS, ARGYRAEA, PT. CRETICA CRISTATA, PT. CRISTATA MAJOR, PT. CRETICA ALBO-LINEATA, CYRTOMIUM FALCATUM, SITOLOBIUM CIRCUTARIA, ASPIDIUM TENSIMENSE and ALSOPHILA AUSTRALIS, $16.00 100, $150.00 1000.

ADIANTUM CUNEATUM, 4-in. plants, $16.00 100, $150.00 1000; 5-in. plants, $25.00 100.

ANDERSON & CHRISTENSEN, Telephone 29 1, Short Hills, New Jersey.

SPECIAL OFFER for short time only. To make room we offer an extra fine lot mixed ferns from 2-in. pots, strong and well-grown, $3.00 per 100; $25.00 per 1000. All good varieties. Can furnish any quantity of Cyrtomium falcatum alone at $3.50 per 100.

BEARD BROS., 1248 W. Fort St., Detroit, Mich.

Boston ferns, 5-in., $3.00; 6-in., $5.00; 6-in., strong, $6.00; 7-in., $7.20 doz. Ferns for dishes, 2-in. pots, assorted, $3.00 100. Fern balls, $5.00 doz.

Geo. Wittbold Co., 1657 Buckingham Pl., Chicago.

Ferns for jardinieres, 2¼-in. pots, $3.50 100, $30.00 1000. All the finest varieties, including Aspidium tensimense in any quantity.
BOBBINK & ATKINS, Rutherford, N. J.

Orders booked now for the new Nephrolepis fern, ANNA FOSTER. Small plants, $25.00 100. Roston ferns, $25.00 and $50.00 100.
L. H. FOSTER, 45 King St., Dorchester, Mass.

Boston ferns, 2½-in., $6.00 100; 3-in., $10.00; 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., $1.00; 8-in., $1.25.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Nephrolepis Bostoniensis, 2½, 3, 4, 5 and 6-in. Call or write. Prices right. Ludwig Mosbaek, 8500 Anthony Ave., So. Chicago, Ill.

BOSTON FERNS in 4, 5, 6 and 7-in., pot-grown, at 15c, 35c, 50c and 75c each. Choice stock. CHAPIN BROS., Lincoln, Neb.

Ferns—Bostons, fine stock, 4-in. pots, $7.00; 2½-in., $2.00. Swords, 4-in. pots, $5.00.
C. M. NIUFFER, Springfield, Ohio.

Boston ferns, 6-in. pots, 40c.
Godfrey Aachmann, 1012 Ontar St., Philadelphia, Pa.

BOSTON FERNS, 6-in., $6.00 doz. Ferns for fern dishes, 2 and 2½-in., 2½c.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 3-in. strong, ready for 5-in., $6.00 100, 50 at 100 rate.
Haskell Ave. Floral Co., Dallas, Tex.

Boston ferns; fine stock; all sizes.
GEO. A. KUHL, Pekin, Ill.

FEVERFEW.

Little Gem feverfew. Rooted cuttings, $1.00 100; 2-in., $1.50; 2½-in., $2.00 100.
Buckley Plant Co., Springfield, Ill.

FORGET-ME-NOTS.

Forget-me-nots, large-flowering, blue, 2¼-in., $3.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

FUCHSIAS.

Fuchsias, in variety, 2¼-in., $3.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

GARDENIAS.

Gardeniaa, fine winter-flowering variety, 6-in. pots, $9.00 per doz.; 5-in. pots, $7.50 per doz. Ready to bloom this winter.
SIEBRECHT & SON, New Rochelle, N. Y.

GERANIUMS.

Good, strong, well-rooted geranium cuttings of S. A. Nutt, La Favorite, R. R. Gosselin and an extra fine dbl. scarlet at $1.50 per 100; $14.00 per 1000. E. Gattell and Paul Ruant, $1.25 per 100. Cash with order. Logan Ave. Greenhouses, R. R. No. 2, Danville, Ill.

Geraniums. Select, well-rooted cuttings, true to name. S. A. Nutt, Acteon, Mme. Buchner, Countesse de Castries, Countesse de Harcourt, $1.00 per 100; $9.50 per 1000. Beaute Poitevine, Alphonse Ricard, Pasteur, $1.25 per 100; $12.00 per 1000. Jean Viaud, Mme. Landry, Le Soleil, $1.50 per 100. C. B. Schisler, Williamsville, N. Y.

Rooted geranium cuttings. Send a list of what you need for prices. Jan. and Feb. delivery. Surplus now of Buchner, double white, and Heteranthe, double scarlet, at $1.25 100; $10.00 1000.
ALBERT M. HERR, Lancaster, Pa.

The best bedding geraniums in cultivation. Jean Viaud, pink, $2.00 100; Nutt, crimson; Riccard, scarlet; Poitevine and E. G. Hill, salmon, and Mme. Jaulia, $1.50 100; $14.00 1000.
Buckley Plant Co., Springfield, Ill.

Several thousand rooted cuttings of dbl. Gen. Grant geraniums at $1.00 per 100, express prepaid. Also several hundred S. A. Nutt and Grant from 2½-in. pots, $1.50 per 100.
F. E. BONHAM, Macomb, Ill.

Geraniums, an assortment of the best varieties—no poor ones—2¼-in., ready for shift, $2.00 100. John S. Leach, Hartford City, Ind.

Geranium cuttings of Bruant, La Favorite, and a few other varieties, 75c 100.
OLSSON & SEIDERS, Austin, Texas.

Geraniums, good assortment; standard varieties from 2¼-in. pots, $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Walnut-scented geraniums, 400 in 2½-in. pots, $2.00 per 100. Cash.
M. W. Walters, Bettsville, Ohio.

Geraniums, including best scarlet, 2¼-in., $2.00 100.
Mayer & Son, Willow Street, Lanc. Co., Pa.

Geraniums, 10 varieties, 2-in. pots, $2.50 100. Cash. JOS. H. CUNNINGHAM, Delaware, O.

Geraniums. Rooted cuttings and 2½-in.
GEO. A. KUHL, Pekin, Ill.

GLADIOLI.

Gladioli. Groff's Hybrid seedlings, Groff's World's Best, white, light and yellow; Florists' white and light, Augusta, May, Ceres, Monnerett, Marie Lemoine, mixed Gandavensis. All sizes. Write for prices.
MRS. A. H. AUSTIN, Charlestown, Ohio.

Gladioli May, large bulbs, 30,000, $7.00 1000. May, ½ and less, extra nice, 100,000, $2.50 1000. May bulblets, 10c 1000. Terms: ¼ cash with order; balance when bulbs are wanted.
P. O. Coblentz, New Madison, O.

Headquarters for gladioli. Over 80 acres under cultivation the past summer. Send for our catalogue of GLADIOLI and other summer-flowering bulbs.
JOHN LEWIS CHILDS, Floral Park, N. Y.

Gladioli bulbs, Shakespeare, Augusta, Isaac Buchanan, May, Mrs. Beecher, Ben Hur, Breuchleyensis; also No. 1900 at reduced price.
John Fay Kennell, Box 405, Rochester, N. Y.

GLADIOLI. The finest collection in America; named sorts; mixtures. Betscher's new hybrids, Childsii, Groff's, Lemoinei, etc.
C. BETSCHER, Canal Dover, Ohio.

100,000 seedling gladioli, ¼ to ⅝, at $1.00 and $2.50 1000. A few thousand Park Hybrids at $20.00 1000.
Michigan Seed Co., South Haven, Mich.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

GLADIOLI. Send for our catalogue.
ARTHUR COWEE, Berlin, N. Y.

HARDY PLANTS.

Orders booked now for FALL DELIVERY. Perennial Phlox, field-grown; a fine collection of named varieties, $5.00 per 100, $45.00 per 1000; mixed phlox, $4.00 per 100, $38.00 per 1000.

We have a fine line of HARDY PLANTS. Send in your list of wants for SPECIAL PRICES.
VICK & HILL CO., Rochester, N. Y.

The largest collection of Hardy Native American Plants in the world. New and rare sorts. Unique illustrated catalogue filled with original half-tones, wholesale and bulb lists free.
HARLAN P. KELSEY,
Tremont Bldg., Boston, Mass.
Proprietor Highlands Nursery, 3800 ft. elevation in the Carolina mountains.

Spiraea Anthony Waterer for Easter forcing, 2-yr.-old, $7.00 100. Hydrangea grandiflora paniculata, 4-yr., 4 ft., 15c; 2-yr., 10c. Tritoma avaria grandiflora, strong field divisions, $5.00 per 100. 10,000 shrubs and vines; send for list. Cash, plesse.
BENJ. CONNELL, West Grove, Pa.

Rudbeckia GOLDEN GLOW, $1.50 per 100; $10.00 per 1,000.
WM. A. FINGER, Hicksville, L. I., N. Y.

I have from 50 to 150,000 of each of the seedlings named below, which I offer for immediate delivery.

		100	1,000
CATALPAS—			
Speciosa (true)	6 to 12 inches	$0.30	$2.00
	12 to 24 inches	.40	3.00
Tea's Japan,	1 to 2 feet	.40	3.00
	2 to 4	.50	4.00
	4 to 8	4.00	
Kaemfera,	1 to 2	.40	3.00
	2 to 4	.50	4.00
	4 to 7	4.00	
BOX ELDER,	6 to 12 inches	.30	1.50
	1 to 2 feet	.40	3.00
	2 to 4	.60	5.00
BLACK LOCUST,	6 to 12 inches	.30	1.25
	1 to 2 feet	.40	2.00
	2 to 3	.50	3.50
	3 to 5	.60	4.50
RED BUD,	4 to 6 inches	.20	1.25
	6 to 12	.30	2.50
	12 to 24	.50	4.00
	2 to 4 feet	1.00	8.00
GREEN ASH, 1 yr.,	6 to12 inches	.30	2.00
	1 to 2 feet	.40	3.00
	2 to 4	1.00	9.00
ABIES CANADENSIS, hemlock—			
	6 to 12 inches	.50	4.00
	1 to 2 feet	1.00	8.00
JUNIPERUS VIRGINIANA, red cedar—			
	6 to 12 inches	.60	3.00
	1 to 2 feet	1.00	5.00
HORSE CHESTNUT, white flowered—			
	6 to 12 inches	.60	5.00
PERSIMMON,			
American, 1 yr.,	6 to 12 inches	.40	3.00
RUSSIAN MULBERRY—			
	4 to 8 inches	.15	.90
	8 to 14	.25	1.50
	1 to 2 feet	.40	3.00
BLACK MULBERRY—			
	6 to 12 inches	.40	3.00
	1 to 2 feet	.60	4.00
CHINESE WHITE WISTARIA—			
	6 to 8 inches	3.00	
TRUMPET FLOWER—			
	1 to 2 feet	.50	4.00
TULIP POPLAR—			
	4 to 6 inches	.30	1.50
	6 to 12	.40	3.00
SYCAMORE PLANE TREE,			
	4 to 6 inches	.30	1.50
	6 to 12	.40	3.00
BLACK, or Marsh Willow,			
	1 to 2 feet	.30	2.50
	2 to 3 feet	.50	4.00

The above prices are for immediate orders. Send for seed and seedling list of trees and shrubs. I have about 40 lbs. nice clean Abies canadensis (hemlock), seed at $2.00 per lb., or 10 lbs. for $16.00, while they last.
J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Special discount of 10 per cent from these low prices for cash with order.

All the stock is field grown except where pots are indicated by size of pot or letter "p," the latter meaning 3½-inch pots:

	Per 100.
800 Achillea, The Pearl, p	$3.00
600 Achillea roseum, p	3.00
500 Adonis vernalis, 2-in. pots	2.00
800 Agrostemma coronaria and Flos Jovis	4.00
500 Anemone sylvestris, p	3.00
800 Anemone J. rubra, p	3.00
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Wild smilax, 50-lb. case, $2.00; 30-lb. case, $1.50. Sabal palm leaves, $1.50 per 100. Long needle pines, $6.00 per 100, $1.00 per doz. Magnolia foliage, $2.50 2x2x4 ft. case. Gray or green sheet moss, $1.00 per 12-lb. bale.
Alabama Wild Smilax Co., Monroe, Ala.

Fancy and Dagger ferns, $1.00 per 1000; discount on large orders. Laurel festooning, good, 4, 5 and 6c per yd. Leucothoe sprays, Bouquet green, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

BOUQUET GREEN, $5.00 per 100 lbs.
WREATHING, light, $2.50; medium, $3.25; heavy, $4.25 per 100 yds. Cash.
XMAS TREES, send list for prices.
JOS. BANCROFT & SON, Cedar Falls, Iowa.

Laurel roping, well tied, good weight, bright green, $7.00 per 100 yds. A select grade, crated, 5c per yd. Cash with order. Satisfaction guaranteed.
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Christmas trees and baled spruce. Special attention given to orders for car-load lots. Hardy cut ferns, sphagnum moss, etc.
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CROWL FERN CO., Millington, Mass.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 West 28th St., New York.

Fancy and Dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 6th Ave., New York.

For southern wild smilax, write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone Meal, best for roses and carnations, at $3.50 per 200 lb. bag, or $32.50 per ton.
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REVIEW Classified Advs.

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Wax Flowers and Wax Floral Designs.
J. Stern, 1928 Germantown Ave., Phila., Pa.

GALAX LEAVES.

New crop Galax will soon be ready. $7.00 per 500 case. Order at once of the INTRODUCER,
HARLAN P. KELSEY,
Tremont Bldg., Boston, Mass.
Proprietor Highlands Nursery, 3800 ft. elevation in the Carolina mountains.

GALAX LEAVES, green or bronze. Prime quality, right price. Order now for holidays.
C. W. Burleson & Son, Liuville, N. C.

GALAX LEAVES, green or bronze, $1.00 per 1000 in 5000 lots. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

GALAX LEAVES. Bronze, $1.25 1000; green, $1.00 1000.
A. J. Fellouris, 468 6th Ave., New York.

GALAX LEAVES, green or bronze, $1.00 per 1000. Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
WOODRUFF & MILES, Cherry Lane, N. C.

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We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass.
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30 Sudbury St., Boston, Mass.

Florists' Specialties in Glass, Paint and Putty. Instructive advertising free for the asking. Write JOHN LUCAS & CO., Philadelphia, Pa.

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Choice still-water gold fish. Assorted in sizes and colors. $7.50 100. Imported high-grade Opria singing canaries, $2.75 each, $24.00 doz. Mexican and South American parrots, $10.00 to $15.00 each; warranted to make talkers. Also parrot cages, brass canary cages, fish globes, aquariums, ornaments, etc.
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Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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Rose Leaf Extract of Tobacco will save you money. For free booklet write KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

To kill all greenhouse pests use NICOTICIDE. TOBACCO WAREHOUSING and TRADING CO., 1002 Magnolia Ave., Louisville, Ky.

Tobacco stems, fresh and strong, bale of 300 lbs., $1.50. W. C. Beckert, Allegheny, Pa.

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Mistletoe. Silliman's EVERY-SPRIG-BERRIED brand. Now booking orders for holiday shipment. Write for prices. Address home office, A. B. Silliman & Co., Boone, Iowa.

Finest, well-berried MISTLETOE, 10 lbs., $1.50, F. O. B. Larger quantities at cheaper prices.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

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Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

SPHAGNUM MOSS.

Sphagnum moss of first quality. Can ship at a moment's notice—2 bales, $1.50; 10-bale lots, $6.00. Z. K. Jewett & Co., Sparta, Wis.

Sphagnum moss, 50c per bag; $1.00 per bbl. H. M. Robinson & Co., 32 Court Sq., Boston, Mass.

Sphagnum Moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Fresh 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

Sphagnum moss. L. B. Brague, Hinsdale, Mass.

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American brand FLORIST FOIL—The standard foil of America.
John J. Crooke Co., 186 Grand St., New York.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Galvanized wire flower stakes. Any length or size desired.
John A. Roebling's Sons Co., 171 Lake St., Chicago.

Model Extension Carnation Supports and Galvanized Rose Stakes. Parker-Bruen Mfg. Co., 208 Jersey St., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. McKellar & Winterson,
45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

FLORISTS' WIRE DESIGNS.
G. S. Walters, 1527 Pine St., St. Louis.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

MINNEAPOLIS.

Among the Growers.

Prominent among the big places of the Northwest, the establishment of the Minneapolis Floral Co., at Thirty-sixth street and Calhoun boulevard, Minneapolis, easily ranks first. It is, of course, but a mere pigmy compared with some of the giants around Chicago and farther East, but here in the North Star state we consider it large. While one of the largest places it is also one of the youngest and is a living example of what push and capital combined can accomplish.

The houses are 155 feet in length, running east and west, and are built on a side hill facing the south, an ideal location for a greenhouse. The Garland gutters used here are 7 feet 6 inches from the ground, the houses of an average width of 16 feet. The pitch of the roof is very steep and the peak of the largest house 25 feet high. Butted glass was used in the construction, but Mr. Monson, the proprietor, tells me it is the last time he will use butted glass. As rapidly as possible the glass will be relaid and lapped. So much for the houses containing 90,000 square feet of glass.

As for the stock grown in them, as the reader may have surmised, it is fine, first-class and choice. In roses one is almost lost in the forest of growth comprising all of the best varieties and many others which seem to thrive well here.

Brides and Bridesmaids revel in their environment, and at the time of my visit were in fine crop. Beauties and Queen of Edgely are also grown here in large numbers and fine quality. Liberty also thrives here, though it has never fulfilled expectations. Meteor produces abundantly until the "dark December days." Helen Gould was looking fine, being in full crop, but is a very capricious variety, and requires constant watching and continuous coddling to produce perfect blossoms. When its nature is better understood I predict a great popularity for this new beauty. Sunset, which is well known, and Sunrise, which is comparatively new, are both thriving side by side in separate benches. President Carnot, Kaiserin and Testout are also grown. A few French seedlings are being tried in the hope of securing some new desirable variety.

Mums are also grown in quantity, as is evidenced by the long list of desirable varieties in bloom at the time of my visit. I will name a few of them, though I am sure there are just as many more desirable varieties that are not named here. Golden Beauty, a large late yellow; Timothy Eaton, with blooms fully 12 to 15 inches in diameter; Elmer Smith, a deep orange; Kate Brown, bronzy yellow; Flora Hill, creamy white; Adele, a most beautiful pink; Nesota, a daisy-like flat yellow of good form and substance; W. H. Chadwick, White Bonnaffon, W. H. Rieman, Major Bonnaffon, Autumn Glory, Mutual Friend, as large as ever; Mme. Faure, a new white; Col. Appleton, and many more.

Carnations, though planted late, were looking fine. Mr. Monson was the first to appreciate the value of Prosperity and has planted it quite heavily. Sample blooms 3¾ inches in diameter were noted. All the leading varieties are grown, though Lawson and Prosperity are the leaders. A new fancy variety, a cream overlaid, flushed and striped with scarlet, is strikingly beautiful.

The violets here are the finest I have ever seen. The plants were benched in July, and from one bench of 1,500 plants 25,000 blooms had been picked up to Nov. 1. Mr. Monson estimates the returns from this house of 3,000 plants at $1 per plant for the season, a very encouraging outlook. The varieties grown are Marie Louise, Lady Campbell, Swanley White; California, and Princess of Wales, single.

It is not alone in cut flowers that Mr. Monson's success has been achieved. In the plant and bulb line he has always dealt heavily. For next spring he has 16,000 lilies, 1,000 azaleas, besides rhododendrons, camellias, lilacs, etc., in large quantities. For Christmas a fine supply of well grown peppers were much in evidence, the bright, showy fruit contrasting nicely with the green stems and foliage. A large number of oranges in fruit were also noted, as well as palms, ferns, araucarias and a general line of decorative stock.

Grading is being done now for another block of houses, to be erected this winter.

X. Y. Z.

COULD hardly get along without the REVIEW. Its pages are pretty well scanned, advs. and all.—A. E. KENNEDY, Algona, Iowa.

Stumpp & Walter Co

KENTIA SEED!
"JUST RECEIVED."
BELMOREANA .....$4.00 per 1000.
Per case, 4000 seeds, at.... 3.50 "
COCOS SEED to arrive Jan. 1st, $7.50 per 1000
5000 lots..... 6.00 "
50 BARCLAY STREET,
NEW YORK.
Branch Store, 404 East 34th Street.

Wholesale Cut Flower Prices.

Cincinnati, November 19.

		Per 100
Beauties, Extra	$20 00 to	$30.00
" No. 1	10.00 to	12.50
" Shorts	4.00 to	6.00
Brides and Maids, Extra		6.00
" " No. 1		4.00
" " No. 2		2.00
Golden Gates	3.00 to	6 00
Liberty	3.00 to	6.00
Meteor	2.00 to	5.00
Perle	2.00 to	4.00
Carnations, Commons	.75 to	1.50
" Fancies	2.00 to	4.00
Cattleyas	50.00 to	60.00
Bouvardia	2.00 to	3.00
Roman Hyacinths	3.00 to	4.00
Narcissus	3.00 to	4.00
Adiantum cuneatum	.75 to	1.00
Asparagus plumosus, strings	50.00 to	60.00
" " sprays		50.00
Asparagus Sprengeri	25.00 to	35.00
Valley		4.00
Chrysanthemums, Ordinary	4.00 to	6 00
" Fancy	10.00 to	25.00
Violets, Ordinary	.35 to	.50
Violets, extra	.75 to	1.50
Callas	9.00 to	12.00
Dahlias	2.00 to	3.00
Lilium longiflorum	12.50 to	15.00
Lily of the Valley		4.00
Poinsettias	15.00 to	25.00
Smilax	12.50 to	15.00
Galax, per 1000, $1.00		.15
Leucothoe		.50
Common Ferns		.15

Pittsburg, November 19.

		Per 100
Beauties, Specials	$25.00 to	30.00
" Extra	18.00 to	20.00
" No. 1	10.00 to	15.00
" Shorts	4.00 to	8.00
Brides and Maids, Specials		8.00
" " Extra	4.00 to	6.00
" " No. 1	2.00 to	3.00
" " No. 2	1.00 to	1.50
Cusin	3.00 to	6.00
Kaiserins	3.00 to	8.00
Liberty	3.00 to	10.00
Perle	3.00 to	4.00
Sunrise	2 00 to	3.00
Carnations, Commons	.75 to	1.00
" Selects	1.25 to	1.50
" Fancies	1.50 to	3.00
Adiantum cuneatum	1.00 to	1.50
Asparagus plumosus, Strings	40.00 to	75.00
" Sprays	2.00 to	3.00
" Sprengeri "	2.00 to	3.00
Chrysanthemums, Ordinary	4.00 to	6.00
" Fancy	10.00 to	20.00
Daisies	.25 to	.50
Hyacinths, Roman	2.00 to	4.00
Lily of the Valley		4.00
Mignonette, Ordinary	1.00 to	1.50
" Fancy		3.00
Narcissus, Paper White	3.00 to	4.00
Pansies	.50 to	1.00
Smilax	10.00 to	15.00
Sweet Peas	1.00 to	1.50
Violets, Ordinary	.25 to	.75
" extra	1.00 to	1.50
Galax		.15
Leucothoe		1.00
Common ferns		.20

YOU WOULD find a copy of the Florists' Manual, by William Scott, the greatest money saver you can add to your equipment.

THE Review's classified advs. are a great convenience, is the verdict of the buyers. "It is so easy to find what you want."

IF YOU want a position and you are a subscriber to the Review you can have a 35 word want adv. free one week. Extra insertions at the rate of 1 cent a word.

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Bouquet Green
Holly.....

Evergreen Wreathing, Holly Wreaths, Mistletoe, Etc.

The right kind at the right price, and last, but not least,

We have an unbroken record as HEADQUARTERS. } at the right time. { Send us your list of wants for BOTTOM FIGURES.

W. W. BARNARD & CO.,
161 and 163 East Kinzie Street. .....CHICAGO.

Chrysanthemum
STOCK
PLANTS.

Send us a list of your wants.
Prices quoted promptly.

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STOCK PLANTS.

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GOLDEN WEDDING. XENO.
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WHITE JONES. YELLOW JONES.

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Store: 76-78 Wabash Avenue,
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GREENHOUSES: HINSDALE, ILL.
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STOCK PLANTS OF

Timothy Eaton
Col. Appleton
Glory of Pacific
Yellow Monarch
Bonnaffon, Nellie Pockett
Halliday, Robinson, Ivory
Adele, J. K. Shaw
Murdock, Merza, Xeno
Trenor L. Park

80c. per Doz., $5 per 100
WOODFALL BROS., Glen Burnie, Md.
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CHINESE—Single—Mixed, 2¼-inch pots, $1.50 per 100.

Asparagus Plumosus
2¼-inch pots, $3.00 per 100.
VINCA VINES, var., 3-in. pots, $4.00 per 100.
GERANIUMS—10 varieties, 2-inch pots, $2.50 per 100.

Pansy Plants $2.50 per 1000. 50c per 100.
Cash or C. O. D.

JOS. H. CUNNINGHAM,
DELAWARE, OHIO.
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25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc. We offer

HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per 100; $45.00 per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.
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Chinese Primroses

In bud ready to bloom for Christmas.

3-inch, $3.00 per 100; 4-inch, $6.00 per 100. Cinerarias—3-inch, $3.00 per 100; 4-inch, $6.00 per 100; 5-inch, extra fine, $1.50 per doz. Cyclamen—4-inch, $10.00 per 100. Carnation Cut Blooms—Fancies, $2.00 per 100; commons, $1.00 per 100.

Write for prices on unrooted carnation pips. We have all the latest varieties.

Utica Floral Co., Utica, N. Y.
Mention The Review when you write.

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BY
...The Society of American Florists...
AUGUST, 1902.
The only Gold Medal ever awarded by the National Society.

GOLD MEDAL
BY
The Massachusetts Horticultural Society
MARCH, 1902.
A rare distinction, having been awarded only a very few times in the history of the Society.

THE PIERSON FERN.

Nephrolepis Piersoni.

The most valuable novelty introduced in many years.

GOLD MEDAL
BY
The Horticultural Society of New York
MAY 1902.
For the Best
HORTICULTURAL NOVELTY.

The highest honors that can be bestowed on any horticultural novelty in America, and an indorsement never before received by any new plant, testifying to the sterling merits of Nephrolepis Piersoni.

Highest Honors
AT
CHICAGO.

GOLD MEDAL
BY THE
Pennsylvania Horticultural Society
PHILADELPHIA.

SILVER MEDAL
AT THE
Great New York Show
FOR THE BEST
NEW AND MERITORIOUS PLANT OF AMERICAN ORIGIN.

GOLD MEDAL
AT THE
Big Kansas City Exhibition
FOR
NEW PLANTIOF STERLING MERIT.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

B. & A. Specialties.

AZALEAS. We have just received our importation of Azaleas, consisting of 35,000 plants in splendid condition, being well budded and covered with a mass of green foliage. **Don't place your orders** until you have inspected this immense quantity of stock. Everybody visiting New York will do well to call upon us. We are only a few minutes from New York City. See our stock and convince yourself we have the finest ever imported. The varieties are the most popular for American trade and consist of the following: Van der Cruyssen, Vervaeneana, Prof. Walters, Niobe, Bernard Andre alba, Empress of India, Schryveriana, Simon Mardner, Dr. Moore, Emperor of Brazil, Dentsche Perle and many other exquisite varieties little known to the trade.

BULBS. Ask for our surplus list quotations.

Lilac for forcing; pot grown, $6 doz., $45 100. Chas. X., Marie Legraye, Mme. Lemoine.

Deutzia Gracilis, pot grown, $1.50 doz., $12 100.

We would suggest your leaving the selection to us as much as possible, stating if you need early or late kinds. This will enable us to give many choice varieties. Prices F. O. B., Rutherford, N. J.: 8-10 in. diam., $3.50 doz., $25 100; 10-12 in., $4.50 doz., $35 100; 12-14 in., $6 doz., $45 100; 14-15 in., $7.50 doz., $55 100; 15-16 in., $9 doz., $65 100; 16-18 in., $12 doz., $90 100; 18-20 in., $25 doz., $200 100; 20-24 in., $36 doz., $300 100. Special prices for large specimens and quantities.

BOBBINK & ATKINS, - - RUTHERFORD, N. J.

Mention The Review when you write.

DENVER, COLO.

The warm weather has made the trade in flowers quite dull, especially so with chrysanthemums, which are selling at from $1 to $2 per dozen and are a drug at that. But the florist is looking for a change, both in the weather and in the demand for flowers.

In taking in the greenhouses we find that the finest mums are to be found at Brenkert's.

As there was no mum show given this fall by the Florists' Club, the Danie's & Fisher Co. had a private show of their own, and a very creditable display it was.

The carnations of N. A. Benson are magnificent in every way. They were planted in the benches in the spring and grown through the summer without any glass in the houses.

The Colfax Avenue Floral Co. has disposed of a great many pot mums this fall and its carnations are doing nicely.

At the Park Floral Co.'s most of the mums are cut, and the cyclamens are doing well. Mr. Valentine, of the Park Floral Co., is seriously ill, having undergone two operations, but am glad to hear that everything looks favorable for his speedy recovery. John Sked, who has been with this firm for some time, has taken a position as manager of a greenhouse plant at Boulder.

Newlander & Rollin are building quite an extensive addition to their plant in Harman, and Mrs. Mauff is going to add some new houses to her plant in the same town.

Ernest Flohr, of the Gallup Floral Co., has been having an experience with inflammatory rheumatism.

At Glauber's, in Montclair, everything is in elegant shape, and especially his roses. THORN.

Mr. Emil Glauber, Montclair, Colo., says there is a fine opportunity for a flower commission man in Denver. He says there is now no commission house in that city, and he is sure one would be a success and of profit to all.

The Eastman Seed Co., East Sumner, Maine, report a fine crop of seed of their very early tomato, the "Bright and Early," notwithstanding the unfavorable season.

At the Kansas City show Nathan Smith & Son won a gold medal in addition to the prize of $150, with their new plumed chrysanthemum, Mrs. F. J. Taggart.

Toronto, Ont.—R. Mearns has added a new carnation house. He reports a good season and everything all right except the coal bill.

BOSTON FERNS.

5-inch pots	$3.00 per doz.
6-inch "	5.00 "
6-inch " strong	6.00 "
7-inch "	7.20 "

ASPARAGUS PLUMOSUS NANUS.

4-inch pots, fine plants	$1.50 per doz.
4-inch " extra fine plants	2.00 "

FERN BALLS.

Furnished with leaves, $5.00 per doz.

FERNS FOR DISHES.

2-inch pots, assorted, $3.00 per 100

The GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO.

Write for list.

Mention The Review when you write.

BUCKLEY'S

NOVEMBER OFFER!

GERANIUMS—The leading and best bedders in cultivation. **Jean Viaud** (the pink novelty), $2.00 per 100. S. A. Nutt (crimson). Alp. Riecard (scarlet), Beaute Poitevine and E. G. Hill (salmon), Mme. Jaulin. $1.50 per 100, $14.00 per 1000.

VERBENAS—Our 20th Century Collection, 25 latest mammoth varieties to date, labeled, strong plants, 2¼ in. pots, $1.50 per 100, $14.00 per 1000.

SMILAX—If you want smilax here is your chance to secure first-class stock; to move quickly, 2¼-in., 50c per 100; $5.00 per 1000.

ASPARAGUS SPRENGERI—Extra fine, 2½-in., $2.00 per 100; 2-in., $1.25 per 100.

PETUNIAS—Double fringed. We are supplying the finest collection in the world. Ten novelties selected from Henderson's and Dreer's latest sets, $1.25 per 100, $10.00 per 1000.

FEVERFEW—Little Gem, strong R. C., $1.00 per 100; 2-inch, $1.50 per 100; 2½-inch, $2.00 per 100.

MARGUERITE—Chrysanthemum Frutescens, white and yellow, $1.00 per 100.

SALVIA—The two best, St. Louis and Bonfire 75c per 100.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

VIOLETS, Swanley White and Lady Campbell, 3-inch pots, $3.00 per 100; $30.00 per 1000.

CHRYSANTHEMUMS.

Stock plants of Kalb, Ivory, Major Bonnaffon, White and Yellow Robinson and Col. Appleton, at $6.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

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Mum Stock Plants

Robinson, Merry Xmas, Wanamaker, Monro, via, Bassett, Lincoln, Whilldin, Murdoek, Kalb, Bonnaffon, Childs, Halliday, Appleton, Sunderbruch, Perrin, Paeifie.

$4.00 per 100. Eaton and Chadwick $6.00 per 100.

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Always Mention the....

Florists' Review

When Writing Advertiser

NOTICE. The Model Plant Stake Co., formerly of Brooklyn, N. Y., has removed to 208 Jersey St., Harrison, New Jersey, and is now

THE PARKER-BRUEN MFG. CO.

Flushing, L. I., Dec. 11, 1901.
Mr. Theron N. Parker,
Parker-Bruen Mfg. Co.

Dear Sir: I have used your Wire Carnation Supports for the last two years, in all about 12,000. They fill the bill in every particular. Nothing could be more satisfactory, and it would give me a great deal of pleasure if I can bespeak a good word for you to the trade, and you are at liberty to refer to me at any time.

Yours very truly,
A. L. Thorne.

La Fayette, Ind., July 8, 1902.
Theron N. Parker,
Harrison, N. J.

Dear Sir:—After using your Model carnation support in two of our houses the past winter we have come to the conclusion that it is perfectly adapted to supporting carnation plants and shall use them on all our plants the coming season. We were much pleased with the simplicity, strength and neat appearance of the support. Yours truly,
F. Dorner & Sons Co.

Galvanized Steel Rose Stakes.

THE PARKER-BRUEN MFG. CO. (Inc.)

208 Jersey Street,

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UTICA, N. Y.

The Florists' Club, of Utica, celebrated the opening of more commodious quarters in the Mannerchor building on Friday evening, November 14, by holding a special flower meeting, followed by a bountifnl repast, which was enjoyed by about thirty of the members.

Besides the flowers furnished by the members of the club, the F. R. Pierson Co. sent us a box of the wonderful Piersoni fern, for which we extend our many thanks. I think there is not a florist in Utica who will not try a few of them. We were also favored with a bunch of the Enchantress carnation from Mr. Fisher, Ellis, Mass., to whom also we are very thankful. We also wish to thank the Dale Estate for a box of the new rose, Canadian Queen. Although it did not arrive until the morning after the meeting, the secretary took the trouble to see that the members had a chance to see it, and they are all praises for the Queen.

Now that we are in permanent quarters we are expecting great things for our club, which is steadily growing, having received two applications for membership at the special meeting.

We are going to have a carnation meeting in February. There are a great many growers of this beautiful flower here, and many of the flowers were seen at the special meeting. Our president was presented with an oddity in the shape of a blue carnation, grown by C. F. Seitzer, our worthy treasurer.

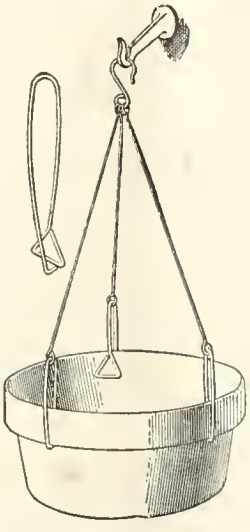
We understand that Mr. Peter Crowe has purchased quite a lot of the new rose, Canadian Queen, which indicates that he must think well of it, and I presume that others also will grow it here.

Chrysanthemums for Thanksgiving day are not over plenty. There will be some good Eatons, as that variety is somewhat late here. There were some very good blooms of most of the varieties grown here, and they sold very well.

Our next regular meeting will be held December 4, when you will hear from us again. S.

Malta, Ohio.—W. C. Scovell's business has increased 40 per cent the past year, and prospects for a still greater increase are good.

Three Rivers, Mich.—Wm. Dyer, who is the only florist here, is well satisfied with the amount of business done the past year. He has lately changed his heating system from flue to hot water.



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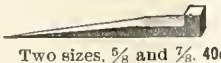

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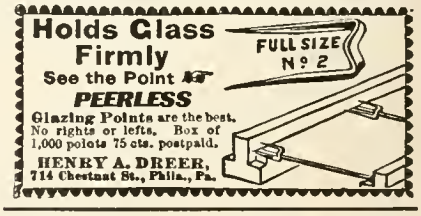

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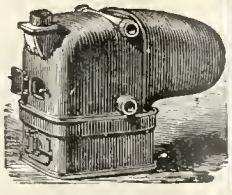

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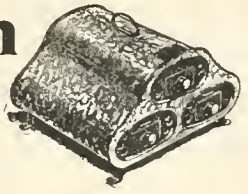

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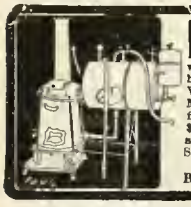

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TORONTO.

Trade during the last week has picked up considerably, and the market now assumes a more steady tone. Mums are commencing to show a scarcity, and this is having the effect of increasing the demand for roses and carnations, of which there has been an oversupply, but we notice the wholesale men already quoting several varieties of roses short in quantity.

The long-waited-for opening of the new St. Lawrence Market took place on Saturday, November 15, when Mayor Howland officially declared the market open for business. This is a very fine building, 340 feet long and 136 feet 6 inches wide, with a steel truss roof 138 feet 6-inch span with glass center. The flower department is partitioned off 50 feet by 90 feet, and promises to be quite a boon to the market trade, which has fallen off considerably during the last few years and has been gradually reverting into the hands of the department stores, which handle that cheap quality of stuff that in former years was sold at the market. This trade will, it is expected, come back to the market now that they have such a commodious and comfortable place for handling it. All the old heads were on hand with their stock on Saturday, and all, without exception, reported a splendid day.

As we look over the cuts of the various exhibits at the different mum shows we regret that our own show has been called off this year. We also hear some of the growers, who had the misfortune to receive only 3rd, 4th, 5th or 6th prize last year, judging their stock this year as first prize winners. Just wait, boys, you will get another chance.

Mr. F. Browne, of Barrie, is sending in some very fine Major Bonnaffon mums, and Mr. A. E. Cole, of Grimbsby, Princess violets.

An event of some interest, and especially to F. C. Miller & Sons, of Bracondale, was the christening of their new yellow chrysanthemum, Dr. Oronhyatekha, a sport from Eaton. This is a pale yellow, somewhat resembling Colonel Appleton in color, with the same size and substance of Eaton. It originated and was grown by Miller & Sons, and on Tuesday afternoon, November 11, Dr. Oronhyatekha, the chief of the Foresters, together with the officials and staff of the Temple building, were invited up to christen this mum, which was done in good style, and can be very properly characterized as a small event elaborately carried out. After the ceremony, cake and stimulants of various strengths were served in the packing shed.

Although none of the florists were invited they are promised a bunch of it to display in their windows, which we may hear about later. D. J.

Hot Springs, Ark., via the Wabash.

Commencing Nov. 9, the Wabash established its system of through Pullman tickets from Chicago to Hot Springs, Ark., via St. Louis and the Iron Mountain Route. Passengers leaving Chicago on the Wabash fast day express, at 11:03 a. m., will arrive at Hot Springs next morning at 8 o'clock. For illustrated printed matter giving full information regarding this wonderful health and pleasure resort, address F. A. Palmer, Asst. Gen. Pass. Agt. Wabash R. R., 97 Adams street, Chicago.

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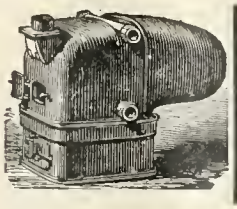

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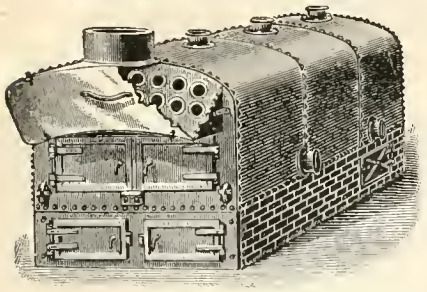

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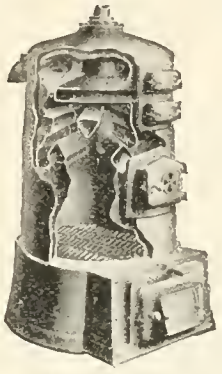

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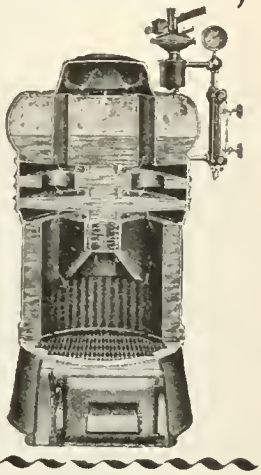

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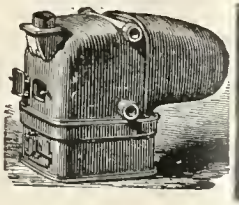

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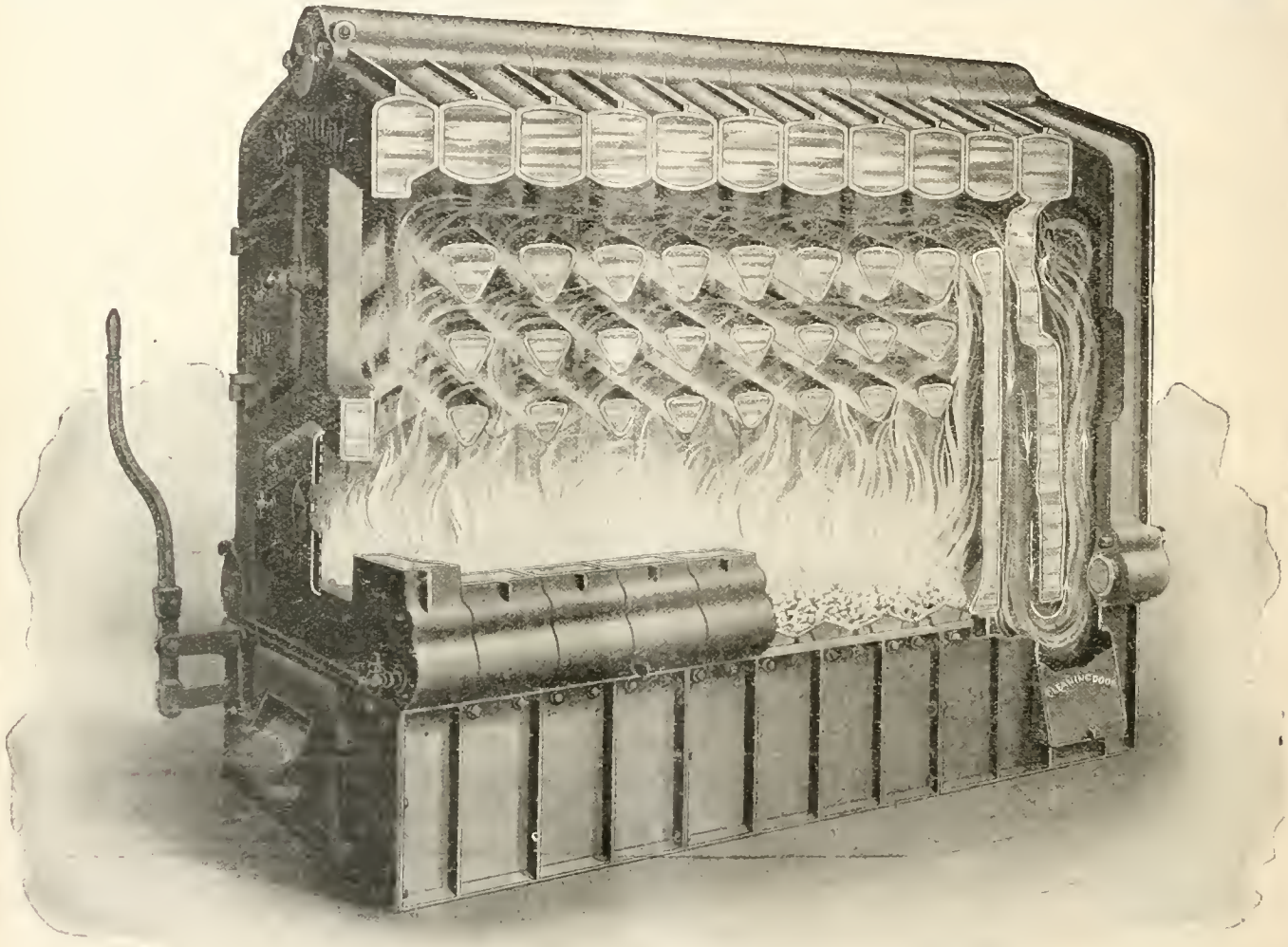

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